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| <b>Technische Regeln für<br/>Biologische Arbeitsstoffe</b> | <b>Einstufung von Prokaryonten<br/>(Bacteria und Archaea)<br/>in Risikogruppen</b> | <b>TRBA 466</b> |
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Die Technischen Regeln für Biologische Arbeitsstoffe (TRBA) geben den Stand der Technik, Arbeitsmedizin und Arbeitshygiene sowie sonstige gesicherte wissenschaftliche Erkenntnisse für Tätigkeiten mit biologischen Arbeitsstoffen, einschließlich deren Einstufung, wieder.

Sie werden vom **Ausschuss für Biologische Arbeitsstoffe (ABAS)** ermittelt bzw. angepasst und vom Bundesministerium für Arbeit und Soziales im Gemeinsamen Ministerialblatt bekannt gegeben.

Die TRBA „Einstufung von Prokaryonten (Bacteria und Archaea) in Risikogruppen“ konkretisiert im Rahmen des Anwendungsbereichs die Anforderungen der Biostoffverordnung. Bei Einhaltung der Technischen Regeln kann der Arbeitgeber insoweit davon ausgehen, dass die entsprechenden Anforderungen der Verordnung erfüllt sind. Die Einstufungen der biologischen Arbeitsstoffe in Risikogruppen werden nach dem Stand der Wissenschaft vorgenommen; der Arbeitgeber hat die Einstufung zu beachten.

Die vorliegende Technische Regel schreibt die Technische Regel „Einstufung von Prokaryonten (Bacteria und Archaea) in Risikogruppen“ (Stand August 2015) fort und wurde unter Federführung des Fachbereichs „Rohstoffe und chemische Industrie“ in Anwendung des Kooperationsmodells (vgl. Leitlinienpapier<sup>1</sup> zur Neuordnung des Vorschriften- und Regelwerks im Arbeitsschutz vom 31. August 2011) erarbeitet.

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<sup>1</sup> <http://www.gda-portal.de/VorschriftenRegeln/VorschriftenRegeln.html>

## 1 Anwendungsbereich

Diese TRBA gilt für die Einstufung von Prokaryonten in Risikogruppen gemäß der Verordnung über Sicherheit und Gesundheitsschutz bei Tätigkeiten mit biologischen Arbeitsstoffen (Biostoffverordnung).

## 2 Allgemeines

(1) Die in dieser TRBA unter Punkt 3.4 aufgeführten Einstufungen von Prokaryonten beinhalten die Legaleinstufungen nach Anhang III der Richtlinie über den Schutz der Arbeitnehmer gegen Gefährdung durch biologische Arbeitsstoffe bei der Arbeit (2000/54/EG) [1] sowie weitere Einstufungen nach dem Stand der Wissenschaft. Nähere Angaben sind der Literatur zu entnehmen [2, 3].

(2) Kriterien für die Einstufung biologischer Arbeitsstoffe sowie ein ausführliches Glossar enthält die TRBA 450 „Einstufungskriterien für biologische Arbeitsstoffe“ [4]. Im Übrigen sind in dieser TRBA die Begriffe so verwendet, wie sie im Begriffsglossar zu den Regelwerken der Betriebs-sicherheitsverordnung (BetrSichV), Biostoffverordnung (BioStoffV) und der Gefahrstoffverordnung (GefStoffV) des ABS, ABAS und AGS bestimmt sind.

(3) Für die Einstufung ist das von den Prokaryonten ausgehende Infektionsrisiko für den gesunden Beschäftigten maßgebend. Entsprechend erfolgt eine Zuordnung zu den Risikogruppen 2 bis 4. Die Liste der Einstufungen enthält auch Prokaryonten, bei denen es unwahrscheinlich ist, dass sie beim Menschen eine Krankheit verursachen und die deshalb der Risikogruppe 1 zugeordnet sind.

(4) Neu entdeckte und/oder noch nicht bewertete Prokaryonten sind vom Arbeitgeber gemäß den in der TRBA 450 aufgeführten Einstufungskriterien nach dem Stand der Wissenschaft einzustufen.

(5) Für Einstufungsfragen steht der Expertenkreis „Wissenschaftliche Bewertung und Einstufung“ des ABAS<sup>2</sup> beratend zur Verfügung.

## 3 Einstufungen der Prokaryonten (Bacteria und Archaea)

### 3.1 Vorbemerkungen

(1) Die Legaleinstufungen nach Anhang III der Richtlinie 2000/54/EG sind in der Liste in Abschnitt 3.4 durch **Fettdruck** hervorgehoben.

(2) *Archaea* sind in der Liste unter 3.4 kursiv ausgewiesen.

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<sup>2</sup> Anschrift: Geschäftsführung des ABAS, Bundesanstalt für Arbeitsschutz und Arbeitsmedizin, Nöldnerstr. 40/42, 10317 Berlin

(3) Bei bestimmten Biostoffen, die in die Risikogruppe 3 eingestuft und in der Liste mit zwei Sternchen (\*\*) versehen wurden, ist das Infektionsrisiko für Arbeitnehmer begrenzt, da eine Übertragung über den Luftweg normalerweise nicht erfolgen kann. Weitergehende Informationen zu Infektionsquellen, zum Übertragungsweg und zu spezifischen Schutzmaßnahmen einschließlich Inaktivierungsmaßnahmen enthält die TRBA 100 „Schutzmaßnahmen für Tätigkeiten mit biologischen Arbeitsstoffen in Laboratorien“ [5].

(4) Stämme, deren Virulenz nachweislich abgeschwächt ist oder die bekannte Virulenzfaktoren verloren haben, können vorbehaltlich einer angemessenen Ermittlung und Bewertung in eine niedrigere Risikogruppe eingestuft werden als der Elternstamm (parentaler Stamm); ist der Elternstamm in die Risikogruppe 3 oder 4 eingestuft, kann eine Herabstufung nur auf der Grundlage einer wissenschaftlichen Bewertung erfolgen, die insbesondere der Ausschuss für Biologische Arbeitsstoffe vornehmen kann.

(5) Die umfangreiche Gruppe der Cyanobakterien wurde wegen der noch unklaren Klassifizierung und Nomenklatur nicht in die nachfolgende Liste übernommen.

Es sind bisher keine Cyanobakterien bekannt, die beim Menschen Infektionskrankheiten verursachen können, so dass diese Arten der Risikogruppe 1 zugeordnet werden können. Bei der Gefährdungsbeurteilung ist jedoch die Toxinbildung einiger Spezies zu berücksichtigen [2, 3].

(6) Sollten Artnamen in der Liste nicht aufzufinden sein, handelt es sich dabei entweder um ungültige oder lange überholte Bezeichnungen oder um Namen von Cyanobakterien oder Prokaryontenarten, die erst kürzlich umbenannt oder neu beschrieben wurden.

(7) In der Liste in 3.4 finden sich neben den für den Arbeitsschutz relevanten Einstufungen auch zusätzliche Hinweise auf Tier- oder Pflanzenpathogenität.

### 3.2 Anmerkungen zur Nomenklatur

#### – Gleichheitszeichen (=)

Werden zwei verschiedene Bezeichnungen für eine Art verwendet, die durch den gleichen Typstamm repräsentiert werden und deren Namen beide formal gültig sind (homotypische Synonyme), wird darauf durch ein Gleichheitszeichen (=) aufmerksam gemacht, und die Art wird in der Liste unter beiden Bezeichnungen geführt.

Beispiel: *Brevibacterium albidum* = *Curtobacterium albidum*  
*Curtobacterium albidum* = *Brevibacterium albidum*

#### – synonym

Werden zwei verschiedene Bezeichnungen für eine Art verwendet, die durch unterschiedliche Typstämme repräsentiert werden und deren Namen beide formal gültig sind (heterotypische Synonyme), von denen jedoch einer formal Priorität gegenüber dem anderen besitzt, wird darauf mit dem Hinweis „synonym“ verwiesen.

Beispiel: *Acetivibrio cellulosolvens* – synonym: *Acetivibrio cellulolyticus*

Dabei besitzt die an zweiter Stelle (nach „synonym“) genannte Bezeichnung nach den Regeln der Nomenklatur (International Code of Nomenclature of Bacteria) Priorität und wird deshalb mit den für die Einstufung relevanten Informationen versehen.

– **Pfeil (→)**

Arten, deren Bezeichnungen nach dem 1.1.1980 geändert wurden, sind in dieser Liste unter allen seither verwendeten Bezeichnungen zu finden: Bei der früheren Bezeichnung ist durch einen Pfeil „→“ vermerkt, in welche Gattung bzw. Spezies der Prokaryont inzwischen eingeordnet wurde. Darüber hinaus wird (werden) die frühere(n) Bezeichnung(en) noch einmal in Klammern () hinter der heute gültigen Bezeichnung wiederholt. Einstufung und evtl. Bemerkungen sind nur hinter dem gegenwärtig gültigen Namen zu finden.

Beispiel: *Ampullariella regularis* → *Actinoplanes regularis*  
*Actinoplanes regularis* (*Ampullariella regularis*)

In Einzelfällen, z. B. bei häufigem industriellen Gebrauch, sind auch ältere Bezeichnungen aufgeführt.

– **Anführungszeichen („...“)**

Ungültige Artbezeichnungen, soweit sie gebräuchlich waren und eindeutig eine existierende Prokaryontenart kennzeichneten, sind – neben der gültigen Bezeichnung wie bei Namensänderungen nach dem 1.1.1980 – in Anführungszeichen gesetzt.

Beispiel: *Actinomyces meyeri* („*Actinobacterium*“ *meyeri*).

### 3.3 Anmerkungen zur Liste

– **Farbliche Hinterlegung einzelner Spezies**

Die Einstufungen der Spezies in die Risikogruppen 2, 3 und 3(\*\*) sind in der Tabelle farblich hinterlegt.

Hellblau: Einstufung in Risikogruppe 2

Hellgelb: Einstufung in Risikogruppe 3 oder 3 (\*\*)

– **In der Spalte „Bemerkungen“ verwendete Kennzeichnungen**

+ In Einzelfällen als Krankheitserreger nachgewiesen oder vermutet, überwiegend bei erheblich abwehrgehinderten Menschen; Identifizierung der Art oft nicht zuverlässig.

D Gemäß EG-Richtlinie 2000/54/EG ist das Verzeichnis der gegenüber diesen biologischen Arbeitsstoffen exponierten Beschäftigten länger als 10 Jahre nach dem Ende der letzten bekannten Exposition aufzubewahren.

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- ht Pathogen für Mensch und Wirbeltiere, aber i.d.R. keine Übertragung zwischen beiden Wirtsgruppen.
- ht+ In Einzelfällen als Krankheitserreger von Menschen und Wirbeltieren nachgewiesen oder vermutet, überwiegend bei erheblich abwehrgehinderten Menschen oder Tieren; Identifizierung der Art oft nicht zuverlässig.
- n Pathogen für Nichtwirbeltiere (Wirbellose); die Kennzeichnung mit „n“ erhebt allerdings keinen Anspruch auf Vollständigkeit. In Spezies ohne diese Kennzeichnung können deshalb ggf. auch Stämme mit den Merkmalen „n“ vorkommen.
- n+ In Einzelfällen bei Wirbellosen nachgewiesen und als Krankheitserreger dieser Lebewesen vermutet; ein endgültiger Beweis für die Pathogenität für Wirbellose steht aber noch aus.
- n2 Wegen der Pathogenität für wirbellose Tiere können Sicherheitsmaßnahmen erforderlich werden, die, vergleichbar mit den Sicherheitsmaßnahmen der Schutzstufe 2, ein Entweichen des Prokaryonten in die äußere Umgebung bzw. in andere Arbeitsbereiche minimieren.
- p Pathogen für Pflanzen; als pflanzenpathogen werden ausschließlich Prokaryonten bezeichnet, von denen bekannt ist, dass sie Pflanzenkrankheiten verursachen. Die Kennzeichnung mit „p“ erhebt allerdings keinen Anspruch auf Vollständigkeit. In Spezies ohne diese Kennzeichnung können deshalb ggf. auch Stämme mit den Merkmalen „p“ vorkommen.  
Aufgrund des Pflanzenschutzgesetzes können über die hier unter dem Gesichtspunkt des Arbeitsschutzes vorgenommene Einstufung hinaus Maßnahmen erforderlich sein.
- p+ In Einzelfällen in oder auf erkrankten Pflanzen nachgewiesen und als Ursache der Pflanzenkrankheit vermutet; ein endgültiger Nachweis der Pflanzenpathogenität ist noch zu erbringen.
- p2 Wegen der Pflanzenpathogenität können aus pflanzenschutzrechtlicher Sicht Sicherheitsmaßnahmen erforderlich werden, die, vergleichbar mit den Sicherheitsmaßnahmen der Schutzstufe 2, ein Entweichen des Prokaryonten in die äußere Umgebung bzw. in andere Arbeitsbereiche minimieren.
- p3 Wegen der Pflanzenpathogenität können aus pflanzenschutzrechtlicher Sicht Sicherheitsmaßnahmen erforderlich werden, die, vergleichbar mit den Schutzmaßnahmen der Schutzstufe 3, ein Entweichen des Prokaryonten in die äußere Umgebung bzw. in andere Arbeitsbereiche verhindern.
- t Pathogen für Wirbeltiere; der Mensch wird unter natürlichen Bedingungen nicht befallen. Wegen der geringen Wirtsspezifität pathogener Prokaryonten können allerdings auch von

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- den meisten primär nur tierpathogenen Arten bei Arbeiten mit hohen Erregerkonzentrationen Infektionsgefahren für die Beschäftigten ausgehen. Solche Arten wurden deshalb der Risikogruppe 2 mit der Zusatzbemerkung „t“ zugeordnet. Ist ein Prokaryont unter natürlichen Bedingungen sowohl human- als auch tierpathogen, wird die Kennzeichnung mit „ht“ verwendet.
- t+ In Einzelfällen als Krankheitserreger bei Wirbeltieren nachgewiesen oder vermutet; ein endgültiger Nachweis der Tierpathogenität ist noch zu erbringen. Hinweise auf Humanpathogenität fehlen.
- t2 Wegen der Wirbeltierpathogenität können aus tierseuchenrechtlicher Sicht Sicherheitsmaßnahmen erforderlich werden, die, vergleichbar mit den Sicherheitsmaßnahmen der Schutzstufe 2, ein Entweichen des Prokaryonten in die äußere Umgebung bzw. in andere Arbeitsbereiche minimieren.
- t3 Wegen der Wirbeltierpathogenität können aus tierseuchenrechtlicher Sicht Sicherheitsmaßnahmen erforderlich werden, die, vergleichbar mit den Sicherheitsmaßnahmen der Schutzstufe 3, ein Entweichen des Prokaryonten in die äußere Umgebung bzw. in andere Arbeitsbereiche verhindern.
- T Toxinproduktion: Prokaryonten, die zur Bildung von Exotoxinen befähigt sind. Die Kennzeichnung mit „T“ erhebt allerdings keinen Anspruch auf Vollständigkeit, d. h. auch in Prokaryontenarten ohne diese Kennzeichnung können ggf. Exotoxin bildende Stämme vorkommen. Die Kennzeichnung mit „T“ wurde aus Anhang III der EG-Richtlinie 2000/54/EG übernommen.
- TA Arten, von denen Stämme bekannt sind, die langjährig sicher in der technischen Anwendung gehandhabt wurden. Diese bewährten Stämme können daher nach den Einstufungskriterien in die Risikogruppe 1 fallen. Die Kennzeichnung mit „TA“ erhebt allerdings keinen Anspruch auf Vollständigkeit. In Spezies ohne diese Kennzeichnung können deshalb ggf. auch Stämme mit den Merkmalen „TA“ vorkommen.
- V Wirksamer Impfstoff verfügbar. Die Kennzeichnung mit „V“ wurde aus Anhang III der EG-Richtlinie 2000/54/EG übernommen.  
*Hinweis: Diese Kennzeichnung besagt nur, dass ein Impfstoff verfügbar ist, nicht jedoch, ob er allumfassend wirksam ist und eine Impfung von der Ständigen Impfkommission (STIKO) empfohlen wird.*
- Z Die in dieser TRBA mit „Z“ gekennzeichneten Bakterien umfassen die in der Richtlinie 2003/99/EG [6] genannten Zoonoseerreger sowie weitere, unter Punkt B.4. Anhang I der Richtlinie 2003/99/EG fallende, aber dort nicht namentlich genannte Bakterien. Diese Kennzeichnungen entstammen den DGUV Informationen 213-090 und 213-091 „Sichere Biotechnologie – Einstufung biologischer Arbeitsstoffe: Prokaryonten (Bacteria und Archaea)“ der Berufsgenossenschaft Rohstoffe und chemischen Industrie [2, 3].

Zoonoseerreger sind sämtliche Viren, Bakterien, Pilze, Parasiten oder sonstige biologische Einheiten, die Zoonosen verursachen können.

Zoonosen sind sämtliche Krankheiten und/oder sämtliche Infektionen, die auf natürlichem Weg direkt oder indirekt zwischen Tieren und Menschen übertragen werden können.

#### – In der Spalte „Status“ verwendete Abkürzungen

Die in der Spalte „Status“ verwendeten Abkürzungen erklären sich wie folgt:

neu: Neu in die Einstufungsliste aufgenommene Spezies

Bem.: Änderung der Bemerkung

Einst.: Änderung der Einstufung

Korr.: Korrektur des Speziesnamens

Umb.: Taxonomische Umbenennung

### 3.4 Liste der Einstufungen der Prokaryonten (Bacteria und Archaea)

| Spezies  | Risikogruppe | Bemerkung | Status       |
|--|--------------|-----------|--------------|
| <b>Abiotrophia</b>   |              |           |              |
| Abiotrophia adiacens → Granulicatella adiacens                   |              |           |              |
| Abiotrophia balaenopterae → Granulicatella balaenopterae         |              |           | Einst., Umb. |
| Abiotrophia defectiva (Streptococcus defectivus)                 | 2            |           |              |
| Abiotrophia elegans → Granulicatella elegans                     |              |           |              |
| <b>Abyssicoccus</b>  |              |           |              |
| Abyssicoccus albus   | 1            |           | neu          |
| <b>Abyssivirga</b>   |              |           |              |
| Abyssivirga alkaniphila  | 1            |           | neu          |
| <b>Acanthopleuribacter</b>                                       |              |           |              |
| Acanthopleuribacter pedis  | 1            |           |              |
| <b>Acaricomes</b>  |              |           |              |
| Acaricomes phytoseiuli   | 1            | n2        |              |
| <b>Acetanaerobacterium</b>                                       |              |           |              |
| Acetanaerobacterium elongatum                                    | 1            |           |              |
| <b>Acetatifactor</b>   |              |           |              |
| Acetatifactor muris  | 1            |           |              |
| <b>Acetitomaculum</b>  |              |           |              |
| Acetitomaculum ruminis   | 1            |           |              |
| <b>Acetivibrio</b>   |              |           |              |
| Acetivibrio cellulolyticus                                       | 1            |           |              |
| Acetivibrio cellulosolvens – synonym: Acetivibrio cellulolyticus |              |           |              |
| Acetivibrio ethanolgignens                                       | 2            | t         |              |
| Acetivibrio multivorans → Youngiibacter multivorans              |              |           |              |
| <b>Acetoanaerobium</b>   |              |           |              |
| Acetoanaerobium noterae  | 1            |           |              |

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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| <i>Acetoanaerobium pronyense</i>   | 1            |           |        |
| <i>Acetoanaerobium sticklandii</i> ( <i>Clostridium sticklandii</i> )  | 1            |           | Umb.   |
| <b>Acetobacter</b>   |              |           |        |
| <i>Acetobacter aceti</i> ( <i>Acetobacter aceti</i> subsp. <i>aceti</i> )  | 1            |           |        |
| <i>Acetobacter aceti</i> subsp. <i>aceti</i> → <i>Acetobacter aceti</i>  |              |           |        |
| <i>Acetobacter aceti</i> subsp. <i>liquefaciens</i> → <i>Gluconacetobacter liquefaciens</i>  |              |           |        |
| <i>Acetobacter aceti</i> subsp. <i>orleanensis</i> → <i>Acetobacter orleanensis</i>  |              |           |        |
| <i>Acetobacter aceti</i> subsp. <i>xylinus</i> → <i>Komagataeibacter xylinus</i>   |              |           |        |
| <i>Acetobacter cerevisiae</i>  | 1            |           |        |
| <i>Acetobacter cibirongensis</i>   | 1            |           |        |
| <i>Acetobacter diazotrophicus</i> → <i>Gluconacetobacter diazotrophicus</i>  |              |           |        |
| <i>Acetobacter estunensis</i> ( <i>Acetobacter pasteurianus</i> subsp. <i>estunensis</i> )   | 1            |           |        |
| <i>Acetobacter europaeus</i> → <i>Komagataeibacter europaeus</i>   |              |           |        |
| <i>Acetobacter fabarum</i>   | 1            |           |        |
| <i>Acetobacter farinalis</i>   | 1            |           |        |
| <i>Acetobacter ghanensis</i>   | 1            |           |        |
| <i>Acetobacter hansenii</i> → <i>Komagataeibacter hansenii</i>   |              |           |        |
| <i>Acetobacter indonesiensis</i>   | 1            | +         | Bem.   |
| <i>Acetobacter intermedius</i> → <i>Komagataeibacter intermedius</i>   |              |           |        |
| <i>Acetobacter lambici</i>   | 1            |           |        |
| <i>Acetobacter liquefaciens</i> → <i>Gluconacetobacter liquefaciens</i>  |              |           |        |
| <i>Acetobacter lovaniensis</i> ( <i>Acetobacter pasteurianus</i> subsp. <i>lovaniensis</i> )   | 1            |           |        |
| <i>Acetobacter malorum</i>   | 1            |           |        |
| <i>Acetobacter methanolicus</i> → <i>Acidomonas methanolica</i>  |              |           |        |
| <i>Acetobacter musti</i>   | 1            |           | neu    |
| <i>Acetobacter nitrogenifigens</i>   | 1            |           |        |
| <i>Acetobacter oboediens</i> → <i>Komagataeibacter oboediens</i>   |              |           |        |
| <i>Acetobacter oeni</i>  | 1            |           |        |
| <i>Acetobacter okinawensis</i>   | 1            |           |        |
| <i>Acetobacter orientalis</i>  | 1            |           |        |
| <i>Acetobacter orleanensis</i> ( <i>Acetobacter aceti</i> subsp. <i>orleanensis</i> )  | 1            |           |        |
| <i>Acetobacter papayae</i>   | 1            |           |        |
| <i>Acetobacter pasteurianus</i> ( <i>Acetobacter pasteurianus</i> subsp. <i>pasteurianus</i> , <i>Acetobacter pasteurianus</i> subsp. <i>ascendens</i> , <i>Acetobacter pasteurianus</i> subsp. <i>paradoxus</i> , <i>Acetobacter peroxydans</i> ) | 1            |           | Umb.   |
| <i>Acetobacter pasteurianus</i> subsp. <i>ascendens</i> – synonym: <i>Acetobacter pasteurianus</i>   |              |           | Umb.   |



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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| Acetobacter pasteurianus subsp. estunensis → Acetobacter estunensis              |              |           |        |
| Acetobacter pasteurianus subsp. lovaniensis → Acetobacter lovaniensis            |              |           |        |
| Acetobacter pasteurianus subsp. paradoxus – synonym: Acetobacter pasteurianus    |              |           | Umb.   |
| Acetobacter pasteurianus subsp. pasteurianus – synonym: Acetobacter pasteurianus |              |           | Umb.   |
| Acetobacter peroxydans – synonym: Acetobacter pasteurianus                       |              |           | Umb.   |
| Acetobacter persici  | 1            |           |        |
| Acetobacter pomorum  | 1            |           |        |
| Acetobacter senegalensis   | 1            |           |        |
| Acetobacter sicerae  | 1            |           | neu    |
| Acetobacter suratthaniensis  | 1            |           | neu    |
| Acetobacter syzygii  | 1            |           |        |
| Acetobacter thailandicus   | 1            |           | neu    |
| Acetobacter tropicalis   | 1            |           |        |
| Acetobacter xylinus subsp. sucrofermentans → Komagataeibacter sucrofermentans    |              |           |        |
| Acetobacter xylinus subsp. xylinus → Komagataeibacter xylinus                    |              |           |        |
| <b>Acetobacterium</b>  |              |           |        |
| Acetobacterium bakii   | 1            |           |        |
| Acetobacterium carbinolicum  | 1            |           |        |
| Acetobacterium fimetarium  | 1            |           |        |
| Acetobacterium malicum   | 1            |           |        |
| Acetobacterium paludosum   | 1            |           |        |
| Acetobacterium tundrae   | 1            |           |        |
| Acetobacterium wieringae   | 1            |           |        |
| Acetobacterium woodii  | 1            |           |        |
| <b>Acetobacteroides</b>  |              |           |        |
| Acetobacteroides hydrogenigenes  | 1            |           | neu    |
| <b>Acetofilamentum</b>   |              |           |        |
| Acetofilamentum rigidum  | 1            |           |        |
| <b>Acetogenium → Thermoanaerobacter</b>  |              |           |        |
| Acetogenium kivui → Thermoanaerobacter kivui                                     |              |           |        |
| <b>Acetohalobium</b>   |              |           |        |
| Acetohalobium arabaticum   | 1            |           |        |
| <b>Acetomicrobium</b>  |              |           |        |
| Acetomicrobium faecale → Caldicoprobacter faecalis                               |              |           | Umb.   |
| Acetomicrobium flavidum  | 1            |           |        |
| Acetomicrobium hydrogeniformans (Anaerobaculum hydrogeniformans)                 | 1            |           | Umb.   |
| Acetomicrobium mobile (Anaerobaculum mobile)                                     | 1            |           | Umb.   |
| Acetomicrobium thermoterrenum (Anaerobaculum thermoterrenum)                     | 1            |           | Umb.   |
| <b>Acetonema</b>   |              |           |        |
| Acetonema longum   | 1            |           |        |

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| Spezies   | Risikogruppe | Bemerkung | Status       |
|---|--------------|-----------|--------------|
| <b>Acetothermus</b>   |              |           |              |
| Acetothermus paucivorans  | 1            |           |              |
| <b>Acholeplasma</b>   |              |           |              |
| Acholeplasma axanthum   | 2            | t         |              |
| Acholeplasma brassicae  | 1            |           |              |
| Acholeplasma cavigenitalium   | 1            |           |              |
| Acholeplasma entomophilum → Mesoplasma entomophilum   |              |           |              |
| Acholeplasma equifetale   | 1            |           |              |
| Acholeplasma florum → Mesoplasma florum   |              |           |              |
| Acholeplasma granularum   | 2            | t         |              |
| Acholeplasma hippikon   | 2            | t         |              |
| Acholeplasma laidlawii  | 2            | t         |              |
| Acholeplasma modicum  | 2            | t         |              |
| Acholeplasma morum  | 2            | t         |              |
| Acholeplasma multilocale  | 1            |           |              |
| Acholeplasma oculi  | 2            | t         |              |
| Acholeplasma palmae   | 1            |           |              |
| Acholeplasma parvum   | 1            |           |              |
| Acholeplasma pleciae (Mesoplasma pleciae)   | 1            |           |              |
| Acholeplasma seiffertii → Mesoplasma seiffertii   |              |           |              |
| Acholeplasma vituli   | 1            |           |              |
| <b>Achromatium</b>  |              |           |              |
| Achromatium oxaliferum  | 1            |           |              |
| <b>Achromobacter</b>  |              |           |              |
| Achromobacter aegrifaciens  | 2            |           |              |
| Achromobacter agilis  | 1            |           | neu          |
| Achromobacter aloeverae   | 1            |           | neu          |
| Achromobacter animicus  | 1            | +         |              |
| Achromobacter anxifer   | 1            | +         |              |
| Achromobacter deleyi  | 1            | +         | neu          |
| Achromobacter denitrificans (Achromobacter xylosoxidans subsp. denitrificans, Alcaligenes denitrificans, Alcaligenes denitrificans subsp. denitrificans, Alcaligenes xylosoxidans subsp. denitrificans) | 2            |           |              |
| Achromobacter dolens  | 2            |           |              |
| Achromobacter insolitus   | 1            | +         |              |
| Achromobacter insuavis  | 2            |           |              |
| Achromobacter kerstersii  | 1            |           | neu          |
| Achromobacter marplatensis  | 2            |           | Umb., Einst. |
| Achromobacter mucicolens  | 2            |           |              |
| Achromobacter pestifer  | 1            |           | neu          |
| Achromobacter piechaudii (Alcaligenes piechaudii)   | 2            |           |              |
| Achromobacter pulmonis  | 1            | +         |              |
| Achromobacter ruhlantii (Alcaligenes ruhlantii)   | 2            |           |              |
| Achromobacter sediminum → Verticiella sediminum   |              |           | Umb.         |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| <i>Achromobacter spanius</i>  | 1            | +         |        |
| <i>Achromobacter spiritinus</i> – synonym: <i>Achromobacter marplatensis</i>  |              |           | Umb.   |
| <i>Achromobacter xylosoxidans</i> ( <i>Achromobacter xylosoxidans</i> subsp. <i>xylosoxidans</i> , <i>Alcaligenes denitrificans</i> subsp. <i>xylosoxidans</i> , <i>Alcaligenes xylosoxidans</i> subsp. <i>xylosoxidans</i> , <i>Alcaligenes xylosoxidans</i> )                                     | 2            |           |        |
| <i>Achromobacter xylosoxidans</i> subsp. <i>denitrificans</i> ( <i>Alcaligenes denitrificans</i> subsp. <i>denitrificans</i> , <i>Alcaligenes xylosoxidans</i> subsp. <i>denitrificans</i> , <i>Alcaligenes denitrificans</i> ) → <i>Achromobacter denitrificans</i>                                |              |           |        |
| <i>Achromobacter xylosoxidans</i> subsp. <i>xylosoxidans</i> ( <i>Achromobacter xylosoxidans</i> , <i>Alcaligenes denitrificans</i> subsp. <i>xylosoxidans</i> , <i>Alcaligenes xylosoxidans</i> subsp. <i>xylosoxidans</i> , <i>Alcaligenes xylosoxidans</i> ) → <i>Achromobacter xylosoxidans</i> |              |           |        |
| <b>Acidaminobacter</b>  |              |           |        |
| <i>Acidaminobacter hydrogenoformans</i>   | 1            |           |        |
| <b>Acidaminococcus</b>  |              |           |        |
| <i>Acidaminococcus fermentans</i>   | 2            | ht        |        |
| <i>Acidaminococcus intestini</i>  | 2            |           |        |
| <b>Acidianus</b>  |              |           |        |
| <i>Acidianus ambivalens</i> ( <i>Desulfurolobus ambivalens</i> )  | 1            |           |        |
| <i>Acidianus brierleyi</i> ( <i>Sulfolobus brierleyi</i> )  | 1            |           |        |
| <i>Acidianus infernus</i>   | 1            |           |        |
| <i>Acidianus sulfidivorans</i>  | 1            |           |        |
| <b>Acidibacter</b>  |              |           |        |
| <i>Acidibacter ferrireducens</i>  | 1            |           | neu    |
| <b>Acidicaldus</b>  |              |           |        |
| <i>Acidicaldus organivorans</i>   | 1            |           |        |
| <b>Acidicapsa</b>   |              |           |        |
| <i>Acidicapsa acidiphila</i>  | 1            |           | neu    |
| <i>Acidicapsa acidisoli</i>   | 1            |           | neu    |
| <i>Acidicapsa borealis</i>  | 1            |           |        |
| <i>Acidicapsa ferrireducens</i>   | 1            |           | neu    |
| <i>Acidicapsa ligni</i>   | 1            |           |        |
| <b>Acidiferrobacter</b>   |              |           |        |
| <i>Acidiferrobacter thiooxydans</i>   | 1            |           |        |
| <b>Acidihalobacter</b>  |              |           |        |
| <i>Acidihalobacter prosperus</i>  | 1            |           | neu    |
| <b>Acidilobus</b>   |              |           |        |
| <i>Acidilobus aceticus</i>  | 1            |           |        |
| <i>Acidilobus saccharovorans</i>  | 1            |           |        |
| <b>Acidimicrobium</b>   |              |           |        |
| <i>Acidimicrobium ferrooxidans</i>  | 1            |           |        |
| <b>Acidiphilium</b>   |              |           |        |
| <i>Acidiphilium acidophilum</i> ( <i>Thiobacillus acidophilus</i> )   | 1            |           |        |

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| Spezies  | Risikogruppe | Bemerkung | Status    |
|--|--------------|-----------|-----------|
| Acidiphilium aminolyticum → Acidocella aminolytica                         |              |           |           |
| Acidiphilium angustum  | 1            |           |           |
| Acidiphilium cryptum   | 1            |           |           |
| Acidiphilium facile → Acidocella facilis                                   |              |           |           |
| Acidiphilium iwatense  | 1            |           | neu       |
| Acidiphilium multivorum  | 1            |           |           |
| Acidiphilium organovorum   | 1            |           |           |
| Acidiphilium rubrum  | 1            |           |           |
| <b>Acidipila</b>   |              |           |           |
| Acidipila dinghuensis  | 1            |           | neu       |
| Acidipila rosea  | 1            |           | neu       |
| <b>Acidiplasma</b>   |              |           |           |
| Acidiplasma aeolicum   | 1            |           |           |
| Acidiplasma cupricumulans ( <i>Ferroplasma cupricumulans</i> )             | 1            |           | Umb.      |
| <b>Acidipropionibacterium</b>  |              |           |           |
| Acidipropionibacterium acidipropionici (Propionibacterium acidipropionici) | 1            |           | Umb.      |
| Acidipropionibacterium damnosum (Propionibacterium damnosum)               | 1            |           | neu, Umb. |
| Acidipropionibacterium jensenii (Propionibacterium jensenii)               | 1            | +         | Umb.      |
| Acidipropionibacterium microaerophilum (Propionibacterium microaerophilum) | 1            |           | Umb.      |
| Acidipropionibacterium olivae (Propionibacterium olivae)                   | 1            |           | neu, Umb. |
| Acidipropionibacterium thoenii (Propionibacterium thoenii)                 | 1            |           | Umb.      |
| <b>Acidisoma</b>   |              |           |           |
| Acidisoma sibiricum  | 1            |           |           |
| Acidisoma tundrae  | 1            |           |           |
| <b>Acidisphaera</b>  |              |           |           |
| Acidisphaera rubrifaciens  | 1            |           |           |
| <b>Aciditerrimonas</b>   |              |           |           |
| Aciditerrimonas ferrireducens  | 1            |           |           |
| <b>Acidithiobacillus</b>   |              |           |           |
| Acidithiobacillus albertensis (Thiobacillus albertis)                      | 1            |           |           |
| Acidithiobacillus caldus (Thiobacillus caldus)                             | 1            |           |           |
| Acidithiobacillus ferridurans  | 1            |           |           |
| Acidithiobacillus ferriphilus  | 1            |           | neu       |
| Acidithiobacillus ferrivorans  | 1            |           |           |
| Acidithiobacillus ferrooxidans (Thiobacillus ferrooxidans)                 | 1            |           |           |
| Acidithiobacillus thiooxidans (Thiobacillus thiooxidans)                   | 1            |           |           |
| <b>Acidobacterium</b>  |              |           |           |
| Acidobacterium ailaui  | 1            |           | neu       |
| Acidobacterium capsulatum  | 1            |           |           |
| <b>Acidocella</b>  |              |           |           |

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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| <i>Acidocella aluminidurans</i>  | 1            |           |        |
| <i>Acidocella aminolytica</i> ( <i>Acidiphilium aminolyticum</i> )   | 1            |           |        |
| <i>Acidocella aquatica</i>   | 1            |           | neu    |
| <i>Acidocella facilis</i> ( <i>Acidiphilium facile</i> )   | 1            |           |        |
| <b>Acidomonas</b>  |              |           |        |
| <i>Acidomonas methanolica</i> ( <i>Acetobacter methanolicus</i> )  | 1            |           |        |
| <b>Acidothermus</b>  |              |           |        |
| <i>Acidothermus cellulolyticus</i>   | 1            |           |        |
| <b>Acidovorax</b>  |              |           |        |
| <i>Acidovorax anthurii</i>   | 1            | p         |        |
| <i>Acidovorax avenae</i> ( <i>Acidovorax avenae</i> subsp. <i>avenae</i> , <i>Pseudomonas avenae</i> )                                       | 1            | +, p      |        |
| <i>Acidovorax avenae</i> subsp. <i>avenae</i> ( <i>Pseudomonas avenae</i> ) → <i>Acidovorax avenae</i>                                       |              |           |        |
| <i>Acidovorax avenae</i> subsp. <i>cattleyae</i> ( <i>Pseudomonas cattleyae</i> ) → <i>Acidovorax cattleyae</i>                              |              |           |        |
| <i>Acidovorax avenae</i> subsp. <i>citrulli</i> ( <i>Pseudomonas pseudoalcaligenes</i> subsp. <i>citrulli</i> )                              | 1            | p         |        |
| <i>Acidovorax caeni</i>  | 1            |           |        |
| <i>Acidovorax cattleyae</i> ( <i>Acidovorax avenae</i> subsp. <i>cattleyae</i> , <i>Pseudomonas cattleyae</i> )                              | 1            | p         |        |
| <i>Acidovorax citrulli</i> ( <i>Acidovorax avenae</i> subsp. <i>citrulli</i> , <i>Pseudomonas pseudoalcaligenes</i> subsp. <i>citrulli</i> ) | 1            | p         |        |
| <i>Acidovorax defluvii</i>   | 1            |           |        |
| <i>Acidovorax delafieldii</i> ( <i>Pseudomonas delafieldii</i> )   | 1            | +         |        |
| <i>Acidovorax facilis</i> ( <i>Pseudomonas facilis</i> )   | 1            |           |        |
| <i>Acidovorax konjaci</i> ( <i>Pseudomonas pseudoalcaligenes</i> subsp. <i>konjaci</i> )   | 1            | p         |        |
| <i>Acidovorax lacteus</i>  | 1            |           | neu    |
| <i>Acidovorax oryzae</i>   | 1            | p         |        |
| <i>Acidovorax radidis</i>  | 1            |           |        |
| <i>Acidovorax soli</i>   | 1            |           |        |
| <i>Acidovorax temperans</i>  | 1            | +         |        |
| <i>Acidovorax valerianellae</i>  | 1            | p         |        |
| <i>Acidovorax wautersii</i>  | 1            | +         |        |
| <b>Acinetobacter</b>   |              |           |        |
| <i>Acinetobacter albensis</i>  | 1            |           | neu    |
| <i>Acinetobacter apis</i>  | 1            |           | neu    |
| <i>Acinetobacter baumannii</i>   | 2            |           |        |
| <i>Acinetobacter baylyi</i>  | 1            |           |        |
| <i>Acinetobacter beijerinckii</i>  | 2            | ht        |        |
| <i>Acinetobacter bereziniae</i>  | 2            | ht        |        |
| <i>Acinetobacter bohemicus</i>   | 1            |           | neu    |
| <i>Acinetobacter boissieri</i>   | 1            |           |        |
| <i>Acinetobacter bouvetii</i>  | 1            |           |        |
| <i>Acinetobacter brisouii</i>  | 1            |           |        |
| <i>Acinetobacter calcoaceticus</i>   | 2            |           |        |
| <i>Acinetobacter celticus</i>  | 1            |           | neu    |

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| Spezies  | Risikogruppe | Bemerkung | Status            |
|--|--------------|-----------|-------------------|
| <i>Acinetobacter colistiniresistens</i>                                      | 2            |           | neu               |
| <i>Acinetobacter courvalinii</i>   | 2            | ht        | neu               |
| <i>Acinetobacter defluvii</i>  | 1            |           | neu               |
| <i>Acinetobacter dijkshoorniae</i> – synonym: <i>Acinetobacter lactucaae</i> |              |           | neu, Umb.         |
| <i>Acinetobacter dispersus</i>   | 1            | +         | neu               |
| <i>Acinetobacter equi</i>  | 1            |           | neu               |
| <i>Acinetobacter gernerii</i>  | 1            |           |                   |
| <i>Acinetobacter grimontii</i> – synonym: <i>Acinetobacter junii</i>         |              |           |                   |
| <i>Acinetobacter guangdongensis</i> – synonym: <i>Acinetobacter indicus</i>  |              |           | neu, Umb.         |
| <i>Acinetobacter guillouiae</i>  | 2            | ht        |                   |
| <i>Acinetobacter gyllenbergii</i>  | 2            |           |                   |
| <i>Acinetobacter haemolyticus</i>  | 2            |           |                   |
| <i>Acinetobacter halotolerans</i>  | 1            |           | neu               |
| <i>Acinetobacter harbinensis</i>   | 1            |           |                   |
| <i>Acinetobacter indicus</i>   | 1            |           | Umb.              |
| <i>Acinetobacter johnsonii</i>   | 2            |           |                   |
| <i>Acinetobacter junii</i>   | 2            |           |                   |
| <i>Acinetobacter kookii</i>  | 1            |           | neu               |
| <i>Acinetobacter lactucaae</i>   | 2            |           | neu, Umb., Einst. |
| <i>Acinetobacter larvae</i>  | 1            |           | neu               |
| <i>Acinetobacter lwoffii</i>   | 2            | TA        |                   |
| <i>Acinetobacter modestus</i>  | 1            | +         | neu               |
| <i>Acinetobacter nectaris</i>  | 1            |           |                   |
| <i>Acinetobacter nosocomialis</i>  | 2            |           |                   |
| <i>Acinetobacter pakistanensis</i> – synonym: <i>Acinetobacter bohemicus</i> |              |           | neu, Umb.         |
| <i>Acinetobacter parvus</i>  | 2            |           |                   |
| <i>Acinetobacter pittii</i>  | 2            |           |                   |
| <i>Acinetobacter populi</i>  | 1            | p         | neu               |
| <i>Acinetobacter pragensis</i>   | 1            |           | neu               |
| <i>Acinetobacter proteolyticus</i>   | 2            |           | neu               |
| <i>Acinetobacter puyangensis</i>   | 1            | p+        |                   |
| <i>Acinetobacter qingfengensis</i>   | 1            | p         |                   |
| <i>Acinetobacter radioresistens</i>  | 1            |           |                   |
| <i>Acinetobacter rudis</i>   | 1            |           |                   |
| <i>Acinetobacter schindleri</i>  | 2            |           |                   |
| <i>Acinetobacter seifertii</i>   | 2            |           | neu               |
| <i>Acinetobacter soli</i>  | 2            |           |                   |
| <i>Acinetobacter tandoii</i>   | 1            |           |                   |
| <i>Acinetobacter tjernbergiae</i>  | 1            |           |                   |
| <i>Acinetobacter townneri</i>  | 1            |           |                   |
| <i>Acinetobacter ursingii</i>  | 2            |           |                   |
| <i>Acinetobacter variabilis</i>  | 2            |           | neu               |
| <i>Acinetobacter venetianus</i>  | 1            |           |                   |

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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| Acinetobacter vivianii   | 1            | +         | neu    |
| <b>Acrocarpospora</b>  |              |           |        |
| Acrocarpospora corrugata (Streptosporangium corrugatum)                      | 1            |           |        |
| Acrocarpospora macrocephala  | 1            |           |        |
| Acrocarpospora phusangensis  | 1            |           |        |
| Acrocarpospora pleiomorpha   | 1            |           |        |
| <b>Actibacter</b>  |              |           |        |
| Actibacter haliotis  | 1            |           | neu    |
| Actibacter sediminis   | 1            |           |        |
| <b>Actibacterium</b>   |              |           |        |
| Actibacterium atlanticum   | 1            |           | neu    |
| Actibacterium mucosum  | 1            |           |        |
| Actibacterium pelagium   | 1            |           | neu    |
| Actibacterium ureilyticum  | 1            |           | neu    |
| <b>Actinaurispora → Plantactinospora</b>                                     |              |           |        |
| Actinaurispora siamensis → Plantactinospora siamensis                        |              |           |        |
| <b>Actinoallomurus</b>   |              |           |        |
| Actinoallomurus acaciae  | 1            |           |        |
| Actinoallomurus acanthiterrae  | 1            |           |        |
| Actinoallomurus amamiensis   | 1            |           |        |
| Actinoallomurus bryophytorum   | 1            |           | neu    |
| Actinoallomurus caesius  | 1            |           |        |
| Actinoallomurus coprocola  | 1            |           |        |
| Actinoallomurus fulvus   | 1            |           |        |
| Actinoallomurus iriomotensis   | 1            |           |        |
| Actinoallomurus liliacearum  | 1            |           |        |
| Actinoallomurus luridus  | 1            |           |        |
| Actinoallomurus oryzae   | 1            |           |        |
| Actinoallomurus purpureus  | 1            |           |        |
| Actinoallomurus radicum  | 1            |           |        |
| Actinoallomurus spadix (Actinomadura spadix)                                 | 1            |           |        |
| Actinoallomurus vinaceus   | 1            |           |        |
| Actinoallomurus yoronensis   | 1            |           |        |
| <b>Actinoalloteichus</b>   |              |           |        |
| Actinoalloteichus cyanogriseus   | 1            |           |        |
| Actinoalloteichus hoggarensis  | 1            |           | neu    |
| Actinoalloteichus hymeniacidonis   | 1            |           |        |
| Actinoalloteichus nanshanensis   | 1            |           |        |
| Actinoalloteichus spitiensis   | 1            |           |        |
| <b>Actinobacillus</b>  |              |           |        |
| Actinobacillus actinomycetemcomitans → Aggregatibacter actinomycetemcomitans |              |           |        |
| Actinobacillus anseriformium   | 2            | t         |        |
| Actinobacillus arthritis   | 2            | t         |        |
| Actinobacillus capsulatus  | 2            | t         |        |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| <i>Actinobacillus delphinicola</i>  | 2            | t         |        |
| <i>Actinobacillus equuli</i> subsp. <i>equuli</i>                                 | 2            | ht        |        |
| <i>Actinobacillus equuli</i> subsp. <i>haemolyticus</i>                           | 2            | t         |        |
| <i>Actinobacillus hominis</i>   | 2            |           |        |
| <i>Actinobacillus indolicus</i>   | 1            |           |        |
| <i>Actinobacillus lignieresii</i>   | 2            | ht        |        |
| <i>Actinobacillus minor</i>   | 1            |           |        |
| <i>Actinobacillus muris</i> → <i>Muribacter muris</i>                             |              |           | Umb.   |
| <i>Actinobacillus pleuropneumoniae</i> ( <i>Haemophilus pleuropneumoniae</i> )    | 2            | t         |        |
| <i>Actinobacillus porcinus</i>  | 1            |           |        |
| <i>Actinobacillus rossii</i>  | 2            | t         |        |
| <i>Actinobacillus scotiae</i>   | 2            | t         |        |
| <i>Actinobacillus seminis</i>   | 2            | t         |        |
| <i>Actinobacillus succinogenes</i>  | 1            |           |        |
| <i>Actinobacillus suis</i>  | 2            | ht        |        |
| <i>Actinobacillus ureae</i> ( <i>Pasteurella ureae</i> )                          | 2            |           |        |
| <b>Actinobaculum</b>  |              |           |        |
| <i>Actinobaculum massiliense</i>  | 2            |           |        |
| <i>Actinobaculum schaalii</i> → <i>Actinotignum schaalii</i>                      |              |           | Umb.   |
| <i>Actinobaculum suis</i> ( <i>Eubacterium suis</i> , <i>Actinomyces suis</i> )   | 2            | t         |        |
| <i>Actinobaculum urinale</i> → <i>Actinotignum urinale</i>                        |              |           | Umb.   |
| <b>Actinobispora – synonym: Pseudonocardia</b>                                    |              |           |        |
| <i>Actinobispora alaniniphila</i> – synonym: <i>Pseudonocardia alaniniphila</i>   |              |           |        |
| <i>Actinobispora aurantiaca</i> – synonym: <i>Pseudonocardia aurantiaca</i>       |              |           |        |
| <i>Actinobispora xinjiangensis</i> – synonym: <i>Pseudonocardia xinjiangensis</i> |              |           |        |
| <i>Actinobispora yunnanensis</i> – synonym: <i>Pseudonocardia yunnanensis</i>     |              |           |        |
| <b>Actinocatenispora</b>  |              |           |        |
| <i>Actinocatenispora rupis</i>  | 1            |           |        |
| <i>Actinocatenispora sera</i>   | 1            |           |        |
| <i>Actinocatenispora thailandica</i>  | 1            |           |        |
| <b>Actinocorallia</b>   |              |           |        |
| <i>Actinocorallia aurantiaca</i> ( <i>Actinomadura aurantiaca</i> )               | 1            |           |        |
| <i>Actinocorallia aurea</i>   | 1            |           |        |
| <i>Actinocorallia cavernae</i>  | 1            |           |        |
| <i>Actinocorallia glomerata</i> ( <i>Actinomadura glomerata</i> )                 | 1            |           |        |
| <i>Actinocorallia herbida</i>   | 1            |           |        |
| <i>Actinocorallia lasiacapitis</i>  | 1            |           | neu    |
| <i>Actinocorallia libanotica</i> ( <i>Actinomadura libanotica</i> )               | 1            |           |        |
| <i>Actinocorallia longicatena</i> ( <i>Actinomadura longicatena</i> )             | 1            |           |        |
| <b>Actinocrinis</b>   |              |           |        |
| <i>Actinocrinis puniceicyclus</i>   | 1            |           | neu    |



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|--|--------------|-----------|--------|
| <b>Actinocrispum</b>   |              |           |        |
| Actinocrispum wychmicini   | 1            |           | neu    |
| <b>Actinokineospora</b>  |              |           |        |
| Actinokineospora acnipugnans                                       | 1            |           | neu    |
| Actinokineospora auranticolor                                      | 1            |           | neu    |
| Actinokineospora baliensis   | 1            |           |        |
| Actinokineospora bangkokensis                                      | 1            |           |        |
| Actinokineospora cianjurenensis                                    | 1            |           |        |
| Actinokineospora cibodasensis                                      | 1            |           |        |
| Actinokineospora diospyrosa  | 1            |           |        |
| Actinokineospora enzanensis  | 1            |           | neu    |
| Actinokineospora fastidiosa (Amycolatopsis fastidiosa)             | 1            |           |        |
| Actinokineospora globicatena                                       | 1            |           |        |
| Actinokineospora guangxiensis                                      | 1            |           | neu    |
| Actinokineospora inagensis   | 1            |           |        |
| Actinokineospora mzabensis   | 1            |           | neu    |
| Actinokineospora riparia   | 1            |           |        |
| Actinokineospora soli  | 1            |           |        |
| Actinokineospora spheciospongiae                                   | 1            |           | neu    |
| Actinokineospora terrae  | 1            |           |        |
| <b>Actinomadura</b>  |              |           |        |
| Actinomadura adrarensis  | 1            |           | neu    |
| Actinomadura africana → Nonomuraea africana                        |              |           |        |
| Actinomadura alba  | 1            |           |        |
| Actinomadura algeriensis   | 1            |           | neu    |
| Actinomadura alkaliterrae  | 1            |           | neu    |
| Actinomadura amylolytica   | 1            |           | neu    |
| Actinomadura apis  | 1            |           |        |
| Actinomadura atramentaria  | 1            |           |        |
| Actinomadura aurantiaca → Actinocorallia aurantiaca                |              |           |        |
| Actinomadura bangladeshensis                                       | 1            |           |        |
| Actinomadura carminata → Nonomuraea roseoviolacea subsp. carminata |              |           |        |
| Actinomadura catellatispora  | 1            |           |        |
| Actinomadura cellulositytica                                       | 1            |           | neu    |
| Actinomadura chibensis   | 1            | +         | neu    |
| Actinomadura chokoriensis  | 1            |           |        |
| Actinomadura citrea  | 1            |           |        |
| Actinomadura coerulea  | 1            |           |        |
| Actinomadura coeruleofusca → Saccharothrix coeruleofusca           |              |           |        |
| Actinomadura coeruleoviolacea → Goodfellowiella coeruleoviolacea   |              |           |        |
| Actinomadura cremea (Actinomadura cremea subsp. cremea)            | 1            |           |        |
| Actinomadura cremea subsp. cremea → Actinomadura cremea            |              |           |        |

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| Actinomadura cremea subsp. rifamycini → Actinomadura rifamycini |              |           |        |
| Actinomaduraarangshiensis                                       | 1            |           | neu    |
| Actinomadura echinospora (Microbispora echinospora)             | 1            |           |        |
| Actinomadura fastidiosa → Nonomuraea fastidiosa                 |              |           |        |
| Actinomadura ferruginea → Nonomuraea ferruginea                 |              |           |        |
| Actinomadura fibrosa  | 1            |           |        |
| Actinomadura flava → Lechevalieria flava                        |              |           |        |
| Actinomadura flavalba   | 1            |           |        |
| Actinomadura flexuosa → Nonomuraea flexuosa                     |              |           |        |
| Actinomadura formosensis (Thermomonospora formosensis)          | 1            |           |        |
| Actinomadura fulvescens   | 1            |           |        |
| Actinomadura gamaensis  | 1            |           | neu    |
| Actinomadura geliboluensis                                      | 1            |           |        |
| Actinomadura glauciflava  | 1            |           |        |
| Actinomadura glomerata → Actinocorallia glomerata               |              |           |        |
| Actinomadura hallensis  | 1            |           |        |
| Actinomadura helvata → Nonomuraea helvata                       |              |           |        |
| Actinomadura hibisca  | 1            |           |        |
| Actinomadura jiaoheensis  | 1            |           | neu    |
| Actinomadura keratinilytica                                     | 1            |           |        |
| Actinomadura kijaniata  | 1            |           |        |
| Actinomadura latina   | 2            |           |        |
| Actinomadura libanotica → Actinocorallia libanotica             |              |           |        |
| Actinomadura livida   | 1            |           |        |
| Actinomadura longicatena → Actinocorallia longicatena           |              |           |        |
| Actinomadura longispora → Saccharothrix longispora              |              |           |        |
| Actinomadura luteofluorescens                                   | 1            |           |        |
| Actinomadura macra  | 1            |           |        |
| Actinomadura madurae  | 2            | ht        |        |
| Actinomadura malachitica – synonym: Actinomadura viridis        |              |           |        |
| Actinomadura meridiana  | 1            |           |        |
| Actinomadura mexicana   | 1            |           |        |
| Actinomadura meyeræ   | 1            |           |        |
| Actinomadura miaoliensis  | 1            |           |        |
| Actinomadura montaniterræ                                       | 1            |           | neu    |
| Actinomadura namibiensis  | 1            |           |        |
| Actinomadura napierensis  | 1            |           |        |
| Actinomadura nitritigenes                                       | 1            |           |        |
| Actinomadura oligospora   | 1            |           |        |
| Actinomadura pelletieri   | 2            |           |        |

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|--|--------------|-----------|--------|
| Actinomadura polychroma → Nonomuraea polychroma                            |              |           |        |
| Actinomadura pusilla → Nonomuraea pusilla                                  |              |           |        |
| Actinomadura rayongensis   | 1            |           | neu    |
| Actinomadura recticatena → Nonomuraea recticatena                          |              |           |        |
| Actinomadura rifamycini (Actinomadura cremea subsp. rifamycini)            | 1            |           |        |
| Actinomadura roseola → Nonomuraea roseola                                  |              |           |        |
| Actinomadura roseoviolacea → Nonomuraea roseoviolacea subsp. roseoviolacea |              |           |        |
| Actinomadura rubra → Nonomuraea rubra                                      |              |           |        |
| Actinomadura rubrobrunea (Excellospora rubrobrunea)                        | 1            |           |        |
| Actinomadura rudentiformis   | 1            |           |        |
| Actinomadura rugatobispora (Microbispora viridis)                          | 1            |           |        |
| Actinomadura rupiterrae  | 1            |           |        |
| Actinomadura salmonea → Nonomuraea salmonea                                |              |           |        |
| Actinomadura scrupuli  | 1            |           |        |
| Actinomadura sediminis   | 1            |           |        |
| Actinomadura spadix → Actinoallomurus spadix                               |              |           |        |
| Actinomadura spiralis → Nonomuraea spiralis                                |              |           |        |
| Actinomadura sporangiiformans  | 1            |           | neu    |
| Actinomadura sputi   | 1            | +         | neu    |
| Actinomadura syzygii   | 1            |           | neu    |
| Actinomadura turkmeniaca → Nonomuraea turkmeniaca                          |              |           |        |
| Actinomadura umbrina   | 1            |           |        |
| Actinomadura verrucosospora  | 1            |           |        |
| Actinomadura vinacea   | 1            |           |        |
| Actinomadura viridilutea (Excellospora viridilutea)                        | 1            |           |        |
| Actinomadura viridis (Microtetraspera viridis)                             | 1            |           |        |
| Actinomadura xylanilytica  | 1            |           | neu    |
| Actinomadura yumaensis   | 1            |           |        |
| <b>Actinomyces</b>   |              |           |        |
| Actinomyces bernardiae → Trueperella bernardiae                            |              |           |        |
| Actinomyces bovis  | 2            | t         |        |
| Actinomyces bowdenii   | 2            | t         |        |
| Actinomyces canis  | 2            | t         |        |
| Actinomyces cardiffensis   | 2            |           |        |
| Actinomyces catuli   | 2            | t         |        |
| Actinomyces coleocanis   | 1            |           |        |
| Actinomyces dentalis   | 2            |           |        |
| Actinomyces denticolens  | 1            |           |        |
| Actinomyces europaeus  | 2            |           |        |
| Actinomyces funkei   | 2            |           |        |
| Actinomyces gaoshouyii   | 1            |           | neu    |

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|--|--------------|-----------|--------|
| <i>Actinomyces georgiae</i>  | 1            |           |        |
| <i>Actinomyces gerencseriae</i> ( <i>Actinomyces israelii</i> Serovar 2) | 2            |           |        |
| <i>Actinomyces graevenitzi</i>   | 2            |           |        |
| <i>Actinomyces haliotis</i>  | 1            |           |        |
| <i>Actinomyces hominis</i>   | 2            |           |        |
| <i>Actinomyces hongkongensis</i>   | 2            |           |        |
| <i>Actinomyces hordeovulneris</i>  | 2            | t         |        |
| <i>Actinomyces howellii</i>  | 1            |           |        |
| <i>Actinomyces humiferus</i> → <i>Cellulomonas humilata</i>              |              |           |        |
| <i>Actinomyces hyovaginalis</i>  | 2            | t         |        |
| <i>Actinomyces israelii</i>  | 2            |           |        |
| <i>Actinomyces johnsonii</i>   | 2            |           |        |
| <i>Actinomyces liubingyangii</i>   | 1            |           | neu    |
| <i>Actinomyces marimammalium</i>   | 2            | t         |        |
| <i>Actinomyces massiliensis</i>  | 2            |           |        |
| <i>Actinomyces meyeri</i> („ <i>Actinobacterium</i> “ <i>meyeri</i> )    | 2            |           |        |
| <i>Actinomyces naeslundii</i>  | 2            | ht        |        |
| <i>Actinomyces nasicola</i>  | 1            | +         |        |
| <i>Actinomyces naturae</i>   | 1            |           |        |
| <i>Actinomyces neuii</i> subsp. <i>anitratus</i>                         | 2            |           |        |
| <i>Actinomyces neuii</i> subsp. <i>neuii</i>                             | 2            |           |        |
| <i>Actinomyces odontolyticus</i>   | 2            | ht        |        |
| <i>Actinomyces oricola</i>   | 1            | +         |        |
| <i>Actinomyces oris</i>  | 2            | ht        |        |
| <i>Actinomyces pyogenes</i> → <i>Trueperella pyogenes</i>                |              |           |        |
| <i>Actinomyces radidentis</i>  | 2            |           |        |
| <i>Actinomyces radingae</i>  | 2            |           |        |
| <i>Actinomyces ruminicola</i>  | 1            |           |        |
| <i>Actinomyces slackii</i>   | 1            |           |        |
| <i>Actinomyces suimastitidis</i>   | 2            | t         |        |
| <i>Actinomyces suis</i> → <i>Actinobaculum suis</i>                      |              |           |        |
| <i>Actinomyces timonensis</i>  | 2            |           |        |
| <i>Actinomyces turicensis</i>  | 2            |           |        |
| <i>Actinomyces urogenitalis</i>  | 1            | +         |        |
| <i>Actinomyces vaccimaxillae</i>   | 2            | t         |        |
| <i>Actinomyces viscosus</i>  | 2            | t         |        |
| <i>Actinomyces vulturis</i>  | 1            |           | neu    |
| <i>Actinomyces weissii</i>   | 2            | t         |        |
| <b>Actinomycetospora</b>   |              |           |        |
| <i>Actinomycetospora atypica</i>   | 1            |           | neu    |
| <i>Actinomycetospora chiangmaiensis</i>                                  | 1            |           |        |
| <i>Actinomycetospora chibensis</i>                                       | 1            |           |        |
| <i>Actinomycetospora chlora</i>  | 1            |           |        |
| <i>Actinomycetospora cinnamomea</i>                                      | 1            |           |        |
| <i>Actinomycetospora corticicola</i>                                     | 1            |           |        |
| <i>Actinomycetospora iriomotensis</i>                                    | 1            |           |        |

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|--|--------------|-----------|--------|
| <i>Actinomycetospora lutea</i>   | 1            |           |        |
| <i>Actinomycetospora rhizophila</i>  | 1            |           | neu    |
| <i>Actinomycetospora rishiriensis</i>  | 1            |           |        |
| <i>Actinomycetospora straminea</i>   | 1            |           |        |
| <i>Actinomycetospora succinea</i>  | 1            |           |        |
| <b>Actinophytocola</b>   |              |           |        |
| <i>Actinophytocola algeriensis</i>   | 1            |           | neu    |
| <i>Actinophytocola burenkhanensis</i>  | 1            |           |        |
| <i>Actinophytocola corallina</i>   | 1            |           |        |
| <i>Actinophytocola gilvus</i>  | 1            |           | neu    |
| <i>Actinophytocola oryzae</i>  | 1            |           |        |
| <i>Actinophytocola sediminis</i>   | 1            |           | neu    |
| <i>Actinophytocola timorensis</i>  | 1            |           |        |
| <i>Actinophytocola xanthii</i>   | 1            |           | neu    |
| <i>Actinophytocola xinjiangensis</i>   | 1            |           |        |
| <b>Actinoplanes</b>  |              |           |        |
| <i>Actinoplanes abujensis</i>  | 1            |           |        |
| <i>Actinoplanes armeniacus</i> → <i>Streptomyces armeniacus</i>                        |              |           |        |
| <i>Actinoplanes atraurantiacus</i>   | 1            |           |        |
| <i>Actinoplanes auranticolor</i> ( <i>Amorphosporangium auranticolor</i> )             | 1            |           |        |
| <i>Actinoplanes bogoriensis</i>  | 1            |           | neu    |
| <i>Actinoplanes brasiliensis</i>   | 1            |           |        |
| <i>Actinoplanes caeruleus</i> → <i>Couchioplanes caeruleus</i> subsp. <i>caeruleus</i> |              |           |        |
| <i>Actinoplanes campanulatus</i> ( <i>Ampullariella campanulata</i> )                  | 1            |           |        |
| <i>Actinoplanes capillaceus</i>  | 1            |           |        |
| <i>Actinoplanes cibodasensis</i>   | 1            |           | neu    |
| <i>Actinoplanes consettensis</i>   | 1            |           |        |
| <i>Actinoplanes couchii</i>  | 1            |           |        |
| <i>Actinoplanes cyaneus</i>  | 1            |           |        |
| <i>Actinoplanes deccanensis</i>  | 1            |           |        |
| <i>Actinoplanes derwentensis</i>   | 1            |           |        |
| <i>Actinoplanes digitatis</i> ( <i>Ampullariella digitata</i> )                        | 1            |           |        |
| <i>Actinoplanes durhamensis</i>  | 1            |           |        |
| <i>Actinoplanes ferrugineus</i>  | 1            |           |        |
| <i>Actinoplanes friuliensis</i>  | 1            |           |        |
| <i>Actinoplanes globisporus</i> ( <i>Amorphosporangium globisporum</i> )               | 1            |           |        |
| <i>Actinoplanes humidus</i>  | 1            |           |        |
| <i>Actinoplanes ianthinogenes</i>  | 1            |           |        |
| <i>Actinoplanes italicus</i>   | 1            |           |        |
| <i>Actinoplanes lichenis</i>   | 1            |           | neu    |
| <i>Actinoplanes liguriensis</i>  | 1            |           |        |
| <i>Actinoplanes lobatus</i> ( <i>Ampullariella lobata</i> )                            | 1            |           |        |
| <i>Actinoplanes luteus</i>   | 1            |           | neu    |

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|---|--------------|-----------|--------|
| Actinoplanes lutulentus   | 1            |           |        |
| Actinoplanes minutisporangius → Cryptosporangium minutisporangium |              |           |        |
| Actinoplanes missouriensis  | 1            |           |        |
| Actinoplanes nipponensis  | 1            |           |        |
| Actinoplanes octamycinicus  | 1            |           |        |
| Actinoplanes palleronii   | 1            |           |        |
| Actinoplanes philippinensis                                       | 1            |           |        |
| Actinoplanes ramoplaninifer                                       | 1            |           | neu    |
| Actinoplanes rectilineatus  | 1            |           |        |
| Actinoplanes regularis (Ampullariella regularis)                  | 1            |           |        |
| Actinoplanes rhizophilus  | 1            |           | neu    |
| Actinoplanes rishiriensis   | 1            |           |        |
| Actinoplanes sediminis  | 1            |           | neu    |
| Actinoplanes siamensis  | 1            |           |        |
| Actinoplanes sichuanensis   | 1            |           |        |
| Actinoplanes subglobosus  | 1            |           | neu    |
| Actinoplanes teichomyceticus                                      | 1            |           |        |
| Actinoplanes tereljensis  | 1            |           |        |
| Actinoplanes toevensis  | 1            |           |        |
| Actinoplanes tropicalis   | 1            |           | neu    |
| Actinoplanes utahensis  | 1            |           |        |
| Actinoplanes xinjiangensis  | 1            |           |        |
| <b>Actinopolymorpha</b>   |              |           |        |
| Actinopolymorpha alba   | 1            |           |        |
| Actinopolymorpha cephalotaxi                                      | 1            |           |        |
| Actinopolymorpha pittospori                                       | 1            |           |        |
| Actinopolymorpha rutila   | 1            |           |        |
| Actinopolymorpha singaporensis                                    | 1            |           |        |
| <b>Actinopolyspora</b>  |              |           |        |
| Actinopolyspora alba  | 1            |           |        |
| Actinopolyspora algeriensis                                       | 1            |           |        |
| Actinopolyspora biskrensis  | 1            |           | neu    |
| Actinopolyspora erythraea   | 1            |           |        |
| Actinopolyspora halophila   | 1            |           |        |
| Actinopolyspora iraqiensis – synonym: Saccharomonospora halophila |              |           |        |
| Actinopolyspora lacussalsi  | 1            |           |        |
| Actinopolyspora mortivallis                                       | 1            |           |        |
| Actinopolyspora mzabensis   | 1            |           |        |
| Actinopolyspora righensis   | 1            |           |        |
| Actinopolyspora saharensis  | 1            |           |        |
| Actinopolyspora salinaria   | 1            |           | neu    |
| Actinopolyspora xinjiangensis                                     | 1            |           |        |
| <b>Actinopycnidium – synonym: Streptomyces</b>                    |              |           |        |
| Actinopycnidium caeruleum – synonym: Streptomyces humiferus       |              |           |        |
| <b>Actinorectispora</b>   |              |           |        |

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| Actinorectispora indica  | 1            |           | neu    |
| <b>Actinorhabdospora</b>   |              |           |        |
| Actinorhabdospora filicis  | 1            |           | neu    |
| <b>Actinorugispora</b>   |              |           |        |
| Actinorugispora endophytica  | 1            |           | neu    |
| <b>Actinospica</b>   |              |           |        |
| Actinospica acidiphila   | 1            |           |        |
| Actinospica durhamensis  | 1            |           | neu    |
| Actinospica robiniae   | 1            |           |        |
| <b>Actinosporangium → Streptomyces</b>   |              |           |        |
| Actinosporangium violaceum – synonym: Streptomyces paradoxus                                       |              |           |        |
| Actinosporangium vitaminophilum → Streptomyces vitaminophilus                                      |              |           |        |
| <b>Actinosynnema</b>   |              |           |        |
| Actinosynnema mirum  | 1            |           |        |
| Actinosynnema pretiosum subsp. auranticum  | 1            |           |        |
| Actinosynnema pretiosum subsp. pretiosum   | 1            |           |        |
| <b>Actinotalea</b>   |              |           |        |
| Actinotalea caeni  | 1            |           | neu    |
| Actinotalea fermentans (Cellulomonas fermentans)   | 1            |           |        |
| Actinotalea ferrariae  | 1            |           |        |
| Actinotalea suaedae → Pseudactinotalea suaedae   |              |           | Umb.   |
| <b>Actinotignum</b>  |              |           |        |
| Actinotignum sanguinis   | 2            |           | neu    |
| Actinotignum schaalii (Actinobaculum schaalii)   | 2            |           | Umb.   |
| Actinotignum urinale (Actinobaculum urinale)   | 2            |           | Umb.   |
| <b>Acutalibacter</b>   |              |           |        |
| Acutalibacter muris  | 1            |           | neu    |
| <b>Acuticoccus</b>   |              |           |        |
| Acuticoccus yangtzensis  | 1            |           | neu    |
| <b>Adhaeribacter</b>   |              |           |        |
| Adhaeribacter aerolatus  | 1            |           |        |
| Adhaeribacter aerophilus   | 1            |           |        |
| Adhaeribacter aquaticus  | 1            |           |        |
| Adhaeribacter terrae   | 1            |           | neu    |
| Adhaeribacter terreus  | 1            |           |        |
| <b>Adlercreutzia</b>   |              |           |        |
| Adlercreutzia equolifaciens  | 1            |           |        |
| <b>Advenella</b>   |              |           |        |
| Advenella alkanexedens   | 1            |           | neu    |
| Advenella faeciporci   | 1            |           |        |
| Advenella incenata   | 2            |           |        |
| Advenella kashmirensis (Tetrathiobacter kashmirensis) → Advenella kashmirensis subsp. kashmirensis |              |           | Umb.   |

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|--|----------------|-----------|-----------|
| Advenella kashmirensis subsp. kashmirensis (Advenella kashmirensis, Tetrathioabacter kashmirensis) | 1              |           | Umb.      |
| Advenella kashmirensis subsp. methylica  | 1              |           | neu       |
| Advenella mimigardefordensis (Tetrathioabacter mimigardefordensis)                                 | 1 <sup>G</sup> |           |           |
| <b>Aegyptianella</b>   |                |           |           |
| Aegyptianella pullorum   | 2              | t         |           |
| <b>Aequorivita</b>   |                |           |           |
| Aequorivita aestuarii (Vitellibacter aestuarii)  | 1              |           | Umb.      |
| Aequorivita antarctica   | 1              |           |           |
| Aequorivita capsosiphonis  | 1              |           |           |
| Aequorivita crocea   | 1              |           |           |
| Aequorivita echinoideorum (Vitellibacter echinoideorum)  | 1              |           | neu, Umb. |
| Aequorivita lipolytica   | 1              |           |           |
| Aequorivita nionensis (Vitellibacter nionensis)  | 1              |           | neu, Umb. |
| Aequorivita soesokkakensis (Vitellibacter soesokkakensis)  | 1              |           | Umb.      |
| Aequorivita sublithincola  | 1              |           |           |
| Aequorivita viscosa  | 1              |           |           |
| Aequorivita vladivostokensis (Vitellibacter vladivostokensis)                                      | 1              |           | Umb.      |
| <b>Aeribacillus</b>  |                |           |           |
| Aeribacillus composti  | 1              |           | neu       |
| Aeribacillus pallidus (Geobacillus pallidus, Bacillus pallidus)                                    | 1              |           |           |
| <b>Aeriscardovia</b>   |                |           |           |
| Aeriscardovia aeriphila  | 1              |           |           |
| <b>Aerococcus</b>  |                |           |           |
| Aerococcus christensenii   | 1              | +         |           |
| Aerococcus sanguinicola  | 1              | +         |           |
| Aerococcus suis  | 2              | t         |           |
| Aerococcus urinae  | 2              |           |           |
| Aerococcus urinaeequi (Pediococcus urinaeequi)   | 1              |           |           |
| Aerococcus urinaehominis   | 1              | +         |           |
| Aerococcus viridans  | 2              | TA, ht    |           |
| <b>Aeromicrobium</b>   |                |           |           |
| Aeromicrobium alkaliterrae   | 1              |           |           |
| Aeromicrobium camelliae  | 1              |           | neu       |
| Aeromicrobium choanae  | 1              |           | neu       |
| Aeromicrobium erythreum  | 1              |           |           |
| Aeromicrobium fastidiosum (Nocardioides fastidiosus)   | 1              |           |           |
| Aeromicrobium flavum   | 1              |           |           |
| Aeromicrobium ginsengisoli   | 1              |           |           |
| Aeromicrobium halocynthiae   | 1              |           |           |
| Aeromicrobium marinum  | 1              |           |           |
| Aeromicrobium massiliense  | 1              |           |           |

<sup>G</sup> Auf eine abweichende Einstufung in der „Liste risikobewerteter Spender- und Empfängerorganismen für gentechnische Arbeiten“ wird hingewiesen.



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|--|----------------|-----------|------------|
| <i>Aeromicrobium panaciterrae</i>  | 1              |           |            |
| <i>Aeromicrobium ponti</i>   | 1              |           |            |
| <i>Aeromicrobium tamense</i>   | 1              |           |            |
| <b>Aeromonas</b>   |                |           |            |
| <i>Aeromonas allosaccharophila</i>   | 2              |           |            |
| <i>Aeromonas aquariorum</i> – synonym: <i>Aeromonas dhakensis</i>                        |                |           | Umb.       |
| <i>Aeromonas aquatica</i>  | 1              |           | neu        |
| <i>Aeromonas australiensis</i>   | 1              |           |            |
| <i>Aeromonas bestiarum</i>   | 1              | ht+       |            |
| <i>Aeromonas bivalvium</i>   | 1              |           |            |
| <i>Aeromonas caviae</i>  | 2              | ht        |            |
| <i>Aeromonas culicicola</i>  | 1              |           |            |
| <i>Aeromonas dhakensis</i> ( <i>Aeromonas hydrophila</i> subsp. <i>dhakensis</i> )       | 2              | ht        | Umb., Bem. |
| <i>Aeromonas diversa</i>   | 2              |           |            |
| <i>Aeromonas encheleia</i>   | 1              | ht+       |            |
| <i>Aeromonas enteropelogenes</i> (umfasst <i>Aeromonas trota</i> )                       | 2              |           |            |
| <i>Aeromonas eucrenophila</i>  | 1              | ht+       |            |
| <i>Aeromonas finlandensis</i>  | 1              |           | neu        |
| <i>Aeromonas fluvialis</i>   | 1              |           | neu        |
| <i>Aeromonas hydrophila</i> subsp. <i>anaerogenes</i> – synonym: <i>Aeromonas caviae</i> |                |           |            |
| <i>Aeromonas hydrophila</i> subsp. <i>dhakensis</i> → <i>Aeromonas dhakensis</i>         |                |           | Umb.       |
| <i>Aeromonas hydrophila</i> subsp. <i>hydrophila</i>                                     | 2              | ht        |            |
| <i>Aeromonas hydrophila</i> subsp. <i>proteolytica</i> → <i>Vibrio proteolyticus</i>     |                |           |            |
| <i>Aeromonas hydrophila</i> subsp. <i>ranae</i>  | 2              | t         |            |
| <i>Aeromonas ichthiosmia</i>   | 1              | +         |            |
| <i>Aeromonas jandaei</i>   | 2              | ht        |            |
| <i>Aeromonas lacus</i>   | 1              |           | neu        |
| <i>Aeromonas media</i>   | 1              | ht+       |            |
| <i>Aeromonas molluscorum</i>   | 1              |           |            |
| <i>Aeromonas piscicola</i>   | 1              | t2        |            |
| <i>Aeromonas popoffii</i>  | 1              |           |            |
| <i>Aeromonas punctata</i> subsp. <i>caviae</i>   | 2              | ht        |            |
| <i>Aeromonas punctata</i> subsp. <i>punctata</i>   | 2              |           |            |
| <i>Aeromonas rivipollensis</i>   | 1              |           | neu        |
| <i>Aeromonas rivuli</i>  | 1              |           |            |
| <i>Aeromonas salmonicida</i> subsp. <i>achromogenes</i>                                  | 1              | t2        |            |
| <i>Aeromonas salmonicida</i> subsp. <i>masoucida</i>                                     | 1 <sup>G</sup> | t2        |            |
| <i>Aeromonas salmonicida</i> subsp. <i>pectinolytica</i>                                 | 1              |           |            |
| <i>Aeromonas salmonicida</i> subsp. <i>salmonicida</i>                                   | 1 <sup>G</sup> | t2        |            |
| <i>Aeromonas salmonicida</i> subsp. <i>smithia</i>                                       | 1 <sup>G</sup> | t2        |            |
| <i>Aeromonas sanarellii</i>  | 1              | +         |            |
| <i>Aeromonas schubertii</i>  | 2              |           |            |

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|--|--------------|-----------|--------|
| Aeromonas sharmana → Pseudoaeromonas sharmana                |              |           | Umb.   |
| Aeromonas simiae   | 1            |           |        |
| Aeromonas sobria   | 2            | ht        |        |
| Aeromonas taiwanensis  | 1            | +         |        |
| Aeromonas tecta  | 1            | ht+       |        |
| Aeromonas trota – synonym: Aeromonas enteropelogenes         |              |           |        |
| Aeromonas veronii  | 2            | ht        |        |
| <b>Aeropyrum</b>   |              |           |        |
| Aeropyrum camini   | 1            |           |        |
| Aeropyrum pernix   | 1            |           |        |
| <b>Aestuariibacter</b>                                       |              |           |        |
| Aestuariibacter aggregatus                                   | 1            |           |        |
| Aestuariibacter halophilus                                   | 1            |           |        |
| Aestuariibacter litoralis → Aliiglaciecola litoralis         |              |           |        |
| Aestuariibacter salexigens                                   | 1            |           |        |
| <b>Aestuariibaculum</b>                                      |              |           |        |
| Aestuariibaculum suncheonense                                | 1            |           |        |
| <b>Aestuariicella</b>  |              |           |        |
| Aestuariicella hydrocarbonica                                | 1            |           | neu    |
| <b>Aestuariicoccus</b>                                       |              |           |        |
| Aestuariicoccus marinus                                      | 1            |           | neu    |
| <b>Aestuariicola → Lutimonas</b>                             |              |           |        |
| Aestuariicola saemankumensis → Lutimonas saemankumensis      |              |           |        |
| <b>Aestuariihabitans</b>                                     |              |           |        |
| Aestuariihabitans beolgyonensis                              | 1            |           |        |
| <b>Aestuariimicrobium</b>                                    |              |           |        |
| Aestuariimicrobium kwangyangense                             | 1            |           |        |
| <b>Aestuariispira</b>  |              |           |        |
| Aestuariispira insulae                                       | 1            |           |        |
| <b>Aestuariivita</b>   |              |           |        |
| Aestuariivita atlantica                                      | 1            |           | neu    |
| Aestuariivita boseongensis                                   | 1            |           | neu    |
| <b>Aestuariivivens</b>                                       |              |           |        |
| Aestuariivivens insulae                                      | 1            |           | neu    |
| <b>Aetherobacter</b>   |              |           |        |
| Aetherobacter fasciculatus                                   | 1            |           | neu    |
| Aetherobacter rufus  | 1            |           | neu    |
| <b>Afifella</b>  |              |           |        |
| Afifella marina (Rhodobium marinum, Rhodopseudomonas marina) | 1            |           |        |
| Afifella pfennigii (Rhodobium pfennigii)                     | 1            |           |        |
| <b>Afipia</b>  |              |           |        |
| Afipia birgiae   | 1            |           |        |
| Afipia broomeae  | 2            |           |        |
| Afipia clevelandensis  | 2            |           |        |

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|---|--------------|-----------|------------|
| <i>Afipia felis</i>   | 2            | ht        |            |
| <i>Afipia massiliensis</i>  | 1            |           |            |
| <b>Agaribacter</b>  |              |           |            |
| <i>Agaribacter marinus</i>  | 1            |           | neu        |
| <b>Agaribacterium</b>   |              |           |            |
| <i>Agaribacterium haliotis</i>  | 1            |           | neu        |
| <b>Agaricicola</b>  |              |           |            |
| <i>Agaricicola taiwanensis</i>  | 1            |           |            |
| <b>Agarilytica</b>  |              |           |            |
| <i>Agarilytica rhodophyticola</i>   | 1            |           | neu        |
| <b>Agarivorans</b>  |              |           |            |
| <i>Agarivorans aestuarii</i>  | 1            |           | neu        |
| <i>Agarivorans albus</i>  | 1            |           |            |
| <i>Agarivorans gilvus</i>   | 1            |           |            |
| <i>Agarivorans litoreus</i>   | 1            |           | neu        |
| <b>Agathobacter</b>   |              |           |            |
| <i>Agathobacter rectalis</i> ( <i>Eubacterium rectale</i> )   | 1            |           | Umb.       |
| <i>Agathobacter ruminis</i>   | 1            |           | neu        |
| <b>Agathobaculum</b>  |              |           |            |
| <i>Agathobaculum butyriciproducens</i>  | 1            |           | neu        |
| <i>Agathobaculum desmolans</i> ( <i>Eubacterium desmolans</i> ) → <i>Butyricococcus desmolans</i>                                       |              |           | Umb.       |
| <b>Aggregatibacter</b>  |              |           |            |
| <i>Aggregatibacter actinomycetemcomitans</i> ( <i>Actinobacillus actinomycetemcomitans</i> , <i>Haemophilus actinomycetemcomitans</i> ) | 2            | ht        |            |
| <i>Aggregatibacter aphrophilus</i> ( <i>Haemophilus aphrophilus</i> )   | 2            |           |            |
| <i>Aggregatibacter segnis</i> ( <i>Haemophilus segnis</i> )   | 2            |           |            |
| <b>Aggregicoccus</b>  |              |           |            |
| <i>Aggregicoccus edonensis</i>  | 1            |           | neu        |
| <b>Agitococcus</b>  |              |           |            |
| <i>Agitococcus lubricus</i>   | 1            |           |            |
| <b>Agreia</b>   |              |           |            |
| <i>Agreia bicolorata</i>  | 1            |           |            |
| <i>Agreia pratensis</i> ( <i>Subtercola pratensis</i> )   | 1            |           |            |
| <b>Agrobacterium</b>  |              |           |            |
| <i>Agrobacterium atlanticum</i> → <i>Ruegeria atlantica</i>   |              |           |            |
| <i>Agrobacterium ferrugineum</i> → <i>Pseudorhodobacter ferrugineus</i>   |              |           |            |
| <i>Agrobacterium gelatinovororum</i> → <i>Thalassobius gelatinovororum</i>  |              |           |            |
| <i>Agrobacterium larrymoorei</i> → <i>Rhizobium larrymoorei</i>   |              |           |            |
| <i>Agrobacterium meteoris</i> – synonym: <i>Ruegeria atlantica</i>  |              |           |            |
| <i>Agrobacterium nepotum</i> ( <i>Rhizobium nepotum</i> )   | 1            | p         | Umb.       |
| <i>Agrobacterium pusense</i> ( <i>Rhizobium pusense</i> )   | 1            | +         | Umb., Bem. |
| <i>Agrobacterium radiobacter</i> → <i>Rhizobium radiobacter</i>   |              |           |            |

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|---|--------------|-----------|--------|
| <i>Agrobacterium rhizogenes</i> → <i>Rhizobium rhizogenes</i>                     |              |           |        |
| <i>Agrobacterium rubi</i> → <i>Rhizobium rubi</i>                                 |              |           |        |
| <i>Agrobacterium salinitolerans</i>   | 1            |           | neu    |
| <i>Agrobacterium skienwicense</i> ( <i>Rhizobium skienwicense</i> )               | 1            | p         | Umb.   |
| <i>Agrobacterium stellulatum</i> → <i>Stappia stellulata</i>                      |              |           |        |
| <i>Agrobacterium tumefaciens</i> → <i>Rhizobium radiobacter</i>                   |              |           |        |
| <i>Agrobacterium vitis</i> → <i>Allorhizobium vitis</i>                           |              |           | Umb.   |
| <b>Agrococcus</b>   |              |           |        |
| <i>Agrococcus baldri</i>  | 1            |           |        |
| <i>Agrococcus carbonis</i>  | 1            |           |        |
| <i>Agrococcus casei</i>   | 1            |           |        |
| <i>Agrococcus citreus</i>   | 1            |           |        |
| <i>Agrococcus jejuensis</i>   | 1            |           |        |
| <i>Agrococcus jenensis</i>  | 1            |           |        |
| <i>Agrococcus lahaulensis</i>   | 1            |           |        |
| <i>Agrococcus terreus</i>   | 1            |           |        |
| <i>Agrococcus versicolor</i>  | 1            |           |        |
| <b>Agromonas → Bradyrhizobium</b>   |              |           |        |
| <i>Agromonas oligotrophica</i> → <i>Bradyrhizobium oligotrophicum</i>             |              |           |        |
| <b>Agromyces</b>  |              |           |        |
| <i>Agromyces albus</i>  | 1            |           |        |
| <i>Agromyces allii</i>  | 1            |           |        |
| <i>Agromyces atrinae</i>  | 1            |           |        |
| <i>Agromyces aurantiacus</i>  | 1            |           |        |
| <i>Agromyces aureus</i>   | 1            |           | neu    |
| <i>Agromyces bauzanensis</i>  | 1            |           |        |
| <i>Agromyces binzhouensis</i>   | 1            |           | neu    |
| <i>Agromyces brachium</i>   | 1            |           |        |
| <i>Agromyces cerinus</i> subsp. <i>cerinus</i>                                    | 1            |           |        |
| <i>Agromyces cerinus</i> subsp. <i>nitratus</i>                                   | 1            |           |        |
| <i>Agromyces flavus</i>   | 1            |           |        |
| <i>Agromyces fucosus</i> ( <i>Agromyces fucosus</i> subsp. <i>fucosus</i> )       | 1            |           |        |
| <i>Agromyces fucosus</i> subsp. <i>fucosus</i> → <i>Agromyces fucosus</i>         |              |           |        |
| <i>Agromyces fucosus</i> subsp. <i>hippuratus</i> → <i>Agromyces hippuratus</i>   |              |           |        |
| <i>Agromyces hippuratus</i> ( <i>Agromyces fucosus</i> subsp. <i>hippuratus</i> ) | 1            |           |        |
| <i>Agromyces humatus</i>  | 1            |           |        |
| <i>Agromyces indicus</i>  | 1            |           |        |
| <i>Agromyces insulae</i>  | 1            |           | neu    |
| <i>Agromyces iriomotensis</i>   | 1            |           |        |
| <i>Agromyces italicus</i>   | 1            |           |        |
| <i>Agromyces lapidis</i>  | 1            |           |        |

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|---|--------------|-----------|--------|
| <i>Agromyces luteolus</i>   | 1            |           |        |
| <i>Agromyces marinus</i>  | 1            |           | neu    |
| <i>Agromyces mediolanus</i> („ <i>Corynebacterium mediolanum</i> “)                               | 1            |           |        |
| <i>Agromyces neolithicus</i>  | 1            |           |        |
| <i>Agromyces ramosus</i>  | 1            |           |        |
| <i>Agromyces rhizosphaerae</i>  | 1            |           |        |
| <i>Agromyces salentinus</i>   | 1            |           |        |
| <i>Agromyces soli</i>   | 1            |           |        |
| <i>Agromyces subbeticus</i>   | 1            |           |        |
| <i>Agromyces subtropicus</i>  | 1            |           |        |
| <i>Agromyces terreus</i>  | 1            |           |        |
| <i>Agromyces tropicus</i>   | 1            |           |        |
| <i>Agromyces ulmi</i>   | 1            |           |        |
| <b>Ahrensia</b>   |              |           |        |
| <i>Ahrensia kielensis</i>   | 1            |           |        |
| <i>Ahrensia marina</i>  | 1            |           | neu    |
| <b>Aidingimonas</b>   |              |           |        |
| <i>Aidingimonas halophila</i>   | 1            |           |        |
| <b>Akkermansia</b>  |              |           |        |
| <i>Akkermansia glycaniphila</i>   | 1            |           | neu    |
| <i>Akkermansia muciniphila</i>  | 1            |           |        |
| <b>Albibacter</b>   |              |           |        |
| <i>Albibacter helveticus</i> ( <i>Methylopila helvetica</i> )                                     | 1            |           | Umb.   |
| <i>Albibacter methylovorans</i>   | 1            |           |        |
| <b>Albidiferax</b>  |              |           |        |
| <i>Albidiferax ferrireducens</i> = <i>Rhodoferax ferrireducens</i>                                | 1            |           |        |
| <b>Albidovulum</b>  |              |           |        |
| <i>Albidovulum inexpectatum</i>   | 1            |           |        |
| <i>Albidovulum xiamenense</i>   | 1            |           |        |
| <b>Albimonas</b>  |              |           |        |
| <i>Albimonas donghaensis</i>  | 1            |           |        |
| <i>Albimonas pacifica</i>   | 1            |           |        |
| <b>Albirhodobacter</b>  |              |           |        |
| <i>Albirhodobacter confluentis</i>  | 1            |           | neu    |
| <i>Albirhodobacter marinus</i>  | 1            |           | neu    |
| <b>Alcaligenes</b>  |              |           |        |
| <i>Alcaligenes aestus</i> → <i>Halomonas aquamarina</i>   |              |           |        |
| <i>Alcaligenes aquamarinus</i> → <i>Halomonas aquamarina</i>                                      |              |           |        |
| <i>Alcaligenes aquatilis</i>  | 1            |           |        |
| <i>Alcaligenes cupidus</i> → <i>Halomonas cupida</i>  |              |           |        |
| <i>Alcaligenes defragrans</i> → <i>Castellaniella defragrans</i>                                  |              |           |        |
| <i>Alcaligenes denitrificans</i> → <i>Achromobacter denitrificans</i>                             |              |           |        |
| <i>Alcaligenes denitrificans</i> subsp. <i>denitrificans</i> → <i>Achromobacter denitrificans</i> |              |           |        |

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| Alcaligenes denitrificans subsp. xylooxidans → Achromobacter xylooxidans               |              |           |        |
| Alcaligenes endophyticus   | 1            |           | neu    |
| Alcaligenes eutrophus → Wautersia eutropha – synonym: Cupriavidus necator              |              |           |        |
| Alcaligenes faecalis subsp. faecalis   | 2            | ht        |        |
| Alcaligenes faecalis subsp. homari – synonym: Deleya aquamarina → Halomonas aquamarina |              |           |        |
| Alcaligenes faecalis subsp. parafaecalis   | 1            |           |        |
| Alcaligenes faecalis subsp. phenolicus   | 1            |           |        |
| Alcaligenes latus → Azohydromonas lata   |              |           |        |
| Alcaligenes pacificus → Halomonas pacifica   |              |           |        |
| Alcaligenes pakistanensis  | 1            |           | neu    |
| Alcaligenes paradoxus → Variovorax paradoxus   |              |           |        |
| Alcaligenes piechaudii → Achromobacter piechaudii                                      |              |           |        |
| Alcaligenes ruhlandii → Achromobacter ruhlandii  |              |           |        |
| Alcaligenes venustus → Halomonas venusta   |              |           |        |
| Alcaligenes xylooxidans subsp. denitrificans → Achromobacter denitrificans             |              |           |        |
| Alcaligenes xylooxidans subsp. xylooxidans → Achromobacter xylooxidans                 |              |           |        |
| Alcaligenes xylooxidans → Achromobacter xylooxidans                                    |              |           |        |
| <b>Alcanivorax</b>   |              |           |        |
| Alcanivorax balearicus   | 1            |           |        |
| Alcanivorax borkumensis  | 1            |           |        |
| Alcanivorax dieselolei   | 1            |           |        |
| Alcanivorax gelatiniphagus   | 1            |           | neu    |
| Alcanivorax hongdengensis  | 1            |           |        |
| Alcanivorax jadensis (Fundibacter jadensis)  | 1            |           |        |
| Alcanivorax marinus  | 1            |           |        |
| Alcanivorax nanhaiticus  | 1            |           | neu    |
| Alcanivorax pacificus  | 1            |           |        |
| Alcanivorax venustensis  | 1            |           |        |
| Alcanivorax xenomutans   | 1            |           | neu    |
| <b>Algibacter</b>  |              |           |        |
| Algibacter aestuarii (Marinivirga aestuarii)   | 1            |           |        |
| Algibacter agarilyticus  | 1            |           |        |
| Algibacter agarivorans   | 1            |           |        |
| Algibacter alginicyliticus (alginolytica)  | 1            |           | neu    |
| Algibacter amylolyticus  | 1            |           | neu    |
| Algibacter aquaticus   | 1            |           | neu    |
| Algibacter aquimarinus   | 1            |           |        |
| Algibacter lectus  | 1            |           |        |
| Algibacter mikhailovii   | 1            |           |        |
| Algibacter miyuki  | 1            |           |        |
| Algibacter pectinivorans (Pontirhabdus pectinivorans)                                  | 1            |           |        |

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|--|--------------|-----------|--------|
| <i>Algibacter psychrophilus</i>  | 1            |           | neu    |
| <i>Algibacter undariae</i>   | 1            |           |        |
| <i>Algibacter wandonensis</i>  | 1            |           |        |
| <b>Algicola</b>  |              |           |        |
| <i>Algicola bacteriolytica</i> ( <i>Pseudoalteromonas bacteriolytica</i> ) | 1            | p         |        |
| <i>Algicola sagamiensis</i> ( <i>Pseudoalteromonas sagamiensis</i> )       | 1            |           |        |
| <b>Algimonas</b>   |              |           |        |
| <i>Algimonas ampicilliniresistens</i>                                      | 1            |           |        |
| <i>Algimonas arctica</i>   | 1            |           | neu    |
| <i>Algimonas porphyrae</i>   | 1            |           |        |
| <b>Algiphilus</b>  |              |           |        |
| <i>Algiphilus aromaticivorans</i>  | 1            |           |        |
| <b>Algisphaera</b>   |              |           |        |
| <i>Algisphaera agarilytica</i>   | 1            |           |        |
| <b>Algitalea</b>   |              |           |        |
| <i>Algitalea ulvae</i>   | 1            |           | neu    |
| <b>Algoriella</b>  |              |           |        |
| <i>Algoriella xinjiangensis</i>  | 1            |           | neu    |
| <b>Algoriphagus</b>  |              |           |        |
| <i>Algoriphagus aestuarii</i>  | 1            |           | neu    |
| <i>Algoriphagus aestuariicola</i>  | 1            |           | neu    |
| <i>Algoriphagus alkaliphilus</i> ( <i>Chimaereicella alkaliphila</i> )     | 1            |           |        |
| <i>Algoriphagus antarcticus</i>  | 1            |           |        |
| <i>Algoriphagus aquaeductus</i>  | 1            |           |        |
| <i>Algoriphagus aquaemixtae</i>  | 1            |           | neu    |
| <i>Algoriphagus aquatilis</i>  | 1            |           |        |
| <i>Algoriphagus aquimarinus</i>  | 1            |           |        |
| <i>Algoriphagus boritolivans</i> ( <i>Chimaereicella boritolivans</i> )    | 1            |           |        |
| <i>Algoriphagus boseongensis</i>   | 1            |           | neu    |
| <i>Algoriphagus chordae</i>  | 1            |           |        |
| <i>Algoriphagus chungangensis</i>  | 1            |           |        |
| <i>Algoriphagus confluentis</i>  | 1            |           | neu    |
| <i>Algoriphagus faecimaris</i>   | 1            |           |        |
| <i>Algoriphagus halophilus</i> ( <i>Hongiella halophila</i> )              | 1            |           |        |
| <i>Algoriphagus hitonicola</i>   | 1            |           |        |
| <i>Algoriphagus iocasae</i>  | 1            |           | neu    |
| <i>Algoriphagus jejuensis</i>  | 1            |           |        |
| <i>Algoriphagus litorisediminis</i>  | 1            |           | neu    |
| <i>Algoriphagus locisalis</i>  | 1            |           |        |
| <i>Algoriphagus lutimaris</i>  | 1            |           |        |
| <i>Algoriphagus machipongonensis</i>                                       | 1            |           |        |
| <i>Algoriphagus mannitolivorans</i> ( <i>Hongiella mannitolivorans</i> )   | 1            |           |        |
| <i>Algoriphagus marincola</i> ( <i>Hongiella marincola</i> )               | 1            |           |        |

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| <i>Algoriphagus marinus</i>  | 1            |           | neu    |
| <i>Algoriphagus marisflavi</i>   | 1            |           | neu    |
| <i>Algoriphagus namhaensis</i>   | 1            |           |        |
| <i>Algoriphagus olei</i>   | 1            |           |        |
| <i>Algoriphagus ornithinivorans</i> ( <i>Hongiella ornithinivorans</i> )                               | 1            |           |        |
| <i>Algoriphagus ratkowskyi</i>   | 1            |           |        |
| <i>Algoriphagus resistens</i>  | 1            |           | neu    |
| <i>Algoriphagus roseus</i>   | 1            |           | neu    |
| <i>Algoriphagus taeanensis</i>   | 1            |           |        |
| <i>Algoriphagus taiwanensis</i>  | 1            |           | neu    |
| <i>Algoriphagus terrigena</i>  | 1            |           |        |
| <i>Algoriphagus trabzonensis</i>   | 1            |           | neu    |
| <i>Algoriphagus vanfongensis</i>   | 1            |           |        |
| <i>Algoriphagus winogradskyi</i>   | 1            |           |        |
| <i>Algoriphagus yeomjeoni</i>  | 1            |           |        |
| <i>Algoriphagus zhangzhouensis</i>   | 1            |           |        |
| <b>Aliagarivorans</b>  |              |           |        |
| <i>Aliagarivorans marinus</i>  | 1            |           | neu    |
| <i>Aliagarivorans taiwanensis</i>  | 1            |           | neu    |
| <b>Alicycliphilus</b>  |              |           |        |
| <i>Alicycliphilus denitrificans</i>  | 1            |           |        |
| <b>Alicyclobacillus</b>  |              |           |        |
| <i>Alicyclobacillus acidiphilus</i>  | 1            |           |        |
| <i>Alicyclobacillus acidocaldarius</i> subsp. <i>acidocaldarius</i> ( <i>Bacillus acidocaldarius</i> ) | 1            |           |        |
| <i>Alicyclobacillus acidocaldarius</i> subsp. <i>rittmannii</i>  | 1            |           |        |
| <i>Alicyclobacillus acidoterrestris</i> ( <i>Bacillus acidoterrestris</i> )                            | 1            |           |        |
| <i>Alicyclobacillus aeris</i>  | 1            |           |        |
| <i>Alicyclobacillus cellulosityticus</i>   | 1            |           | neu    |
| <i>Alicyclobacillus consociatus</i> → <i>Effusibacillus consociatus</i>                                |              |           | Umb.   |
| <i>Alicyclobacillus contaminans</i>  | 1            |           |        |
| <i>Alicyclobacillus cycloheptanicus</i> ( <i>Bacillus cycloheptanicus</i> )                            | 1            |           |        |
| <i>Alicyclobacillus dauci</i>  | 1            |           | neu    |
| <i>Alicyclobacillus disulfidooxidans</i> ( <i>Sulfobacillus disulfidooxidans</i> )                     | 1            |           |        |
| <i>Alicyclobacillus fastidiosus</i>  | 1            |           |        |
| <i>Alicyclobacillus ferrooxydans</i>   | 1            |           |        |
| <i>Alicyclobacillus fodiniaquaticus</i>  | 1            |           | neu    |
| <i>Alicyclobacillus herbarius</i>  | 1            |           |        |
| <i>Alicyclobacillus hesperidum</i>   | 1            |           |        |
| <i>Alicyclobacillus kakegawensis</i>   | 1            |           |        |
| <i>Alicyclobacillus macrosporangiidus</i>  | 1            |           |        |
| <i>Alicyclobacillus pohliae</i> → <i>Effusibacillus pohliae</i>  |              |           | Umb.   |
| <i>Alicyclobacillus pomorum</i>  | 1            |           |        |
| <i>Alicyclobacillus sacchari</i>   | 1            |           |        |



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|--|--------------|-----------|--------|
| <i>Alicyclobacillus sendaiensis</i>  | 1            |           |        |
| <i>Alicyclobacillus shizuokensis</i>   | 1            |           |        |
| <i>Alicyclobacillus tengchongensis</i>   | 1            |           | neu    |
| <i>Alicyclobacillus tolerans</i>   | 1            |           |        |
| <i>Alicyclobacillus vulcanalis</i>   | 1            |           |        |
| <b>Aliioccus</b>   |              |           |        |
| <i>Aliioccus persicus</i>  | 1            |           |        |
| <b>Aliidiomarina</b>   |              |           |        |
| <i>Aliidiomarina haloalkalitolerans</i>  | 1            |           | neu    |
| <i>Aliidiomarina iranensis</i>   | 1            |           | neu    |
| <i>Aliidiomarina maris</i> ( <i>Idiomarina maris</i> )   | 1            |           |        |
| <i>Aliidiomarina minuta</i>  | 1            |           | neu    |
| <i>Aliidiomarina sanyensis</i>   | 1            |           | neu    |
| <i>Aliidiomarina sedimenti</i>   | 1            |           | neu    |
| <i>Aliidiomarina shirensis</i>   | 1            |           |        |
| <i>Aliidiomarina soli</i>  | 1            |           | neu    |
| <i>Aliidiomarina taiwanensis</i>   | 1            |           |        |
| <b>Aliidongia</b>  |              |           |        |
| <i>Aliidongia dinghuensis</i>  | 1            |           | neu    |
| <b>Aliifodinibius</b>  |              |           |        |
| <i>Aliifodinibius halophilus</i>   | 1            |           | neu    |
| <i>Aliifodinibius roseus</i>   | 1            |           |        |
| <i>Aliifodinibius salicampi</i>  | 1            |           | neu    |
| <i>Aliifodinibius sediminis</i>  | 1            |           |        |
| <b>Aliiglaciecola</b>  |              |           |        |
| <i>Aliiglaciecola aliphaticivorans</i>   | 1            |           | neu    |
| <i>Aliiglaciecola lipolytica</i> ( <i>Glaciecola lipolytica</i> )  | 1            |           |        |
| <i>Aliiglaciecola litoralis</i> ( <i>Aestuariusbacter litoralis</i> )  | 1            |           |        |
| <b>Aliikangiella</b>   |              |           |        |
| <i>Aliikangiella marina</i>  | 1            |           | neu    |
| <b>Aliiroseovarius</b>   |              |           |        |
| <i>Aliiroseovarius crassostreae</i> ( <i>Roseovarius crassostreae</i> , <i>Pseudoroseovarius crassostreae</i> )          | 1            | n2        | Umb.   |
| <i>Aliiroseovarius halocynthiae</i> ( <i>Roseovarius halocynthiae</i> , <i>Pseudoroseovarius halocynthiae</i> )          | 1            |           | Umb.   |
| <i>Aliiroseovarius pelagivivens</i>  | 1            |           | neu    |
| <i>Aliiroseovarius sediminilitoris</i> ( <i>Roseovarius sediminilitoris</i> , <i>Pseudoroseovarius sediminilitoris</i> ) | 1            |           | Umb.   |
| <i>Aliiroseovarius zhejiangensis</i> ( <i>Pseudoroseovarius zhejiangensis</i> )  | 1            |           | Umb.   |
| <b>Aliivibrio</b>  |              |           |        |
| <i>Aliivibrio finisterrensis</i>   | 1            |           |        |
| <i>Aliivibrio fischeri</i> ( <i>Vibrio fischeri</i> , <i>Photobacterium fischeri</i> )                                   | 1            |           |        |
| <i>Aliivibrio logei</i> ( <i>Vibrio logei</i> )  | 1            | n         |        |
| <i>Aliivibrio salmonicida</i> ( <i>Vibrio salmonicida</i> )  | 1            | t2        |        |
| <i>Aliivibrio sifiae</i>   | 1            |           |        |
| <i>Aliivibrio wodanis</i> ( <i>Vibrio wodanis</i> )  | 1            | t2        |        |

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| <b>Alishewanella</b>  |              |           |        |
| Alishewanella aestuarii                                     | 1            |           |        |
| Alishewanella agri  | 1            |           |        |
| Alishewanella fetalis                                       | 1            | +         |        |
| Alishewanella jeotgali                                      | 1            |           |        |
| Alishewanella solinquinati                                  | 1            |           |        |
| Alishewanella tabrizica                                     | 1            |           |        |
| <b>Alistipes</b>  |              |           |        |
| Alistipes finegoldii  | 1            | +         |        |
| Alistipes ihumii  | 1            |           | neu    |
| Alistipes indistinctus                                      | 1            |           |        |
| Alistipes inops   | 1            |           | neu    |
| Alistipes onderdonkii                                       | 1            | +         |        |
| Alistipes putredinis (Bacteroides putredinis)               | 2            | ht        |        |
| Alistipes shahii  | 1            | +         |        |
| Alistipes timonensis  | 1            |           | neu    |
| <b>Alkalibacillus</b>                                       |              |           |        |
| Alkalibacillus almallahensis                                | 1            |           |        |
| Alkalibacillus filiformis                                   | 1            |           |        |
| Alkalibacillus flavidus                                     | 1            |           |        |
| Alkalibacillus haloalkaliphilus (Bacillus haloalkaliphilus) | 1            |           |        |
| Alkalibacillus halophilus                                   | 1            |           |        |
| Alkalibacillus salilacus                                    | 1            |           |        |
| Alkalibacillus silvisoli                                    | 1            |           |        |
| <b>Alkalibacter</b>   |              |           |        |
| Alkalibacter saccharofermentans                             | 1            |           |        |
| <b>Alkalibacterium</b>                                      |              |           |        |
| Alkalibacterium gilvum                                      | 1            |           |        |
| Alkalibacterium iburiense                                   | 1            |           |        |
| Alkalibacterium indicireducens                              | 1            |           |        |
| Alkalibacterium kapii                                       | 1            |           |        |
| Alkalibacterium olivapovliticus                             | 1            |           |        |
| Alkalibacterium pelagium                                    | 1            |           |        |
| Alkalibacterium psychrotolerans                             | 1            |           |        |
| Alkalibacterium putridalgicola                              | 1            |           |        |
| Alkalibacterium subtropicum                                 | 1            |           |        |
| Alkalibacterium thalassium                                  | 1            |           |        |
| <b>Alkalibaculum</b>  |              |           |        |
| Alkalibaculum bacchi  | 1            |           |        |
| <b>Alkalicoccus</b>   |              |           |        |
| Alkalicoccus halolimnae                                     | 1            |           | neu    |
| Alkalicoccus saliphilus (Bacillus saliphilus)               | 1            |           | Umb.   |
| <b>Alkaliflexus</b>   |              |           |        |
| Alkaliflexus imshenetskii                                   | 1            |           |        |
| <b>Alkalilactibacillus</b>                                  |              |           |        |
| Alkalilactibacillus ikkensis                                | 1            |           | neu    |

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| <b>Alkalilimnicola</b>  |              |           |        |
| Alkalilimnicola ehrlichii   | 1            |           |        |
| Alkalilimnicola halodurans  | 1            |           |        |
| <b>Alkalimarinus</b>  |              |           |        |
| Alkalimarinus sediminis   | 1            |           | neu    |
| <b>Alkalimicrobium</b>  |              |           |        |
| Alkalimicrobium pacificum   | 1            |           | neu    |
| <b>Alkalimonas</b>  |              |           |        |
| Alkalimonas amylolytica   | 1            |           |        |
| Alkalimonas collagenimarina   | 1            |           |        |
| Alkalimonas delamerensis  | 1            |           |        |
| <b>Alkaliphilus</b>   |              |           |        |
| Alkaliphilus crotonatoxidans  | 1            |           |        |
| Alkaliphilus halophilus   | 1            |           |        |
| Alkaliphilus hydrothermalis   | 1            |           | neu    |
| Alkaliphilus namsaraevii  | 1            |           | neu    |
| Alkaliphilus oremlandii   | 1            |           |        |
| Alkaliphilus peptidifermentans  | 1            |           |        |
| Alkaliphilus transvaalensis   | 1            |           |        |
| <b>Alkalispirillum</b>  |              |           |        |
| Alkalispirillum mobile  | 1            |           |        |
| <b>Alkalispirochaeta</b>  |              |           |        |
| Alkalispirochaeta alkalica (Spirochaeta alkalica)                     | 1            |           | Umb.   |
| Alkalispirochaeta americana (Spirochaeta americana)                   | 1            |           | Umb.   |
| Alkalispirochaeta cellulovorans                                       | 1            |           | neu    |
| Alkalispirochaeta odontotermis (Spirochaeta odontotermis)             | 1            |           | neu    |
| Alkalispirochaeta sphaeroplastigenes (Spirochaeta sphaeroplastigenes) | 1            |           | Umb.   |
| <b>Alkalitalea</b>  |              |           |        |
| Alkalitalea saponilacus   | 1            |           |        |
| <b>Alkanibacter</b>   |              |           |        |
| Alkanibacter difficilis   | 1            |           |        |
| <b>Alkanindiges</b>   |              |           |        |
| Alkanindiges hongkongensis  | 1            | +         | neu    |
| Alkanindiges illinoisensis  | 1            |           |        |
| <b>Allisonella</b>  |              |           |        |
| Allisonella histaminiformans  | 1            | t+        |        |
| <b>Alloactinosynnema</b>  |              |           |        |
| Alloactinosynnema album   | 1            |           |        |
| Alloactinosynnema iranikum  | 1            |           |        |
| <b>Allobacillus</b>   |              |           |        |
| Allobacillus halotolerans   | 1            |           |        |
| <b>Allobaculum</b>  |              |           |        |
| Allobaculum stercoricans  | 1            |           |        |
| <b>Allobranchiibius</b>   |              |           |        |
| Allobranchiibius huperziae  | 1            |           | neu    |

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| <b>Allocatelliglobosispora</b>                              |              |           |        |
| Allocatelliglobosispora scoriae                             | 1            |           |        |
| <b>Allochromatium</b>                                       |              |           |        |
| Allochromatium humboldtianum                                | 1            |           | neu    |
| Allochromatium minutissimum (Chromatium minutissimum)       | 1            |           |        |
| Allochromatium phaeobacterium                               | 1            |           |        |
| Allochromatium renukae                                      | 1            |           |        |
| Allochromatium vinosum (Chromatium vinosum)                 | 1            |           |        |
| Allochromatium warmingii (Chromatium warmingii)             | 1            |           |        |
| <b>Allofrancisella</b>                                      |              |           |        |
| Allofrancisella frigidaquae                                 | 1            |           | neu    |
| Allofrancisella guangzhouensis (Francisella guangzhouensis) | 1            |           | Umb.   |
| Allofrancisella inopinata                                   | 1            |           | neu    |
| <b>Allofustis</b>   |              |           |        |
| Allofustis seminis  | 1            |           |        |
| <b>Allohadella</b>  |              |           |        |
| Allohadella antarctica (Hahella antarctica)                 | 1            |           | Umb.   |
| Allohadella marinimesophila                                 | 1            |           | neu    |
| <b>Allohumibacter</b>                                       |              |           |        |
| Allohumibacter endophyticus                                 | 1            |           | neu    |
| <b>Alloiococcus</b>   |              |           |        |
| Alloiococcus otitis   | 2            |           |        |
| <b>Allokutzneria</b>  |              |           |        |
| Allokutzneria albata (Kibdelosporangium album)              | 1            |           |        |
| Allokutzneria multivorans                                   | 1            |           |        |
| Allokutzneria oryzae  | 1            |           | neu    |
| <b>Allomonas</b>  |              |           |        |
| Allomonas enterica  | 1            | +         |        |
| <b>Allonocardiopsis</b>                                     |              |           |        |
| Allonocardiopsis opalescens                                 | 1            |           |        |
| <b>Alloprevotella</b>                                       |              |           |        |
| Alloprevotella rava   | 1            | +         |        |
| Alloprevotella tanneriae (Prevotella tanneriae)             | 2            |           | Umb.   |
| <b>Allorhizobium → Rhizobium</b>                            |              |           |        |
| Allorhizobium borbori (Rhizobium borbori)                   | 1            |           | Umb.   |
| Allorhizobium oryzae (Rhizobium oryzae)                     | 1            |           | Umb.   |
| Allorhizobium paknamense (Rhizobium paknamense)             | 1            |           | Umb.   |
| Allorhizobium pseudoryzae (Rhizobium pseudoryzae)           | 1            |           | Umb.   |
| Allorhizobium taibaishanense (Rhizobium taibaishanense)     | 1            |           | Umb.   |
| Allorhizobium undicola → Rhizobium undicola                 |              |           |        |
| Allorhizobium vitis (Rhizobium vitis, Agrobacterium vitis)  | 1            | p         | Umb.   |
| <b>Allosalinactinospora</b>                                 |              |           |        |

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|--|--------------|-----------|--------|
| Allosalinactinospora lopnorenensis                   | 1            |           | neu    |
| <b>Alloscardovia</b>                                 |              |           |        |
| Alloscardovia criceti (Metascardovia criceti)        | 1            |           |        |
| Alloscardovia macacae                                | 1            |           |        |
| Alloscardovia omnicolens                             | 2            |           |        |
| Alloscardovia venturai                               | 1            |           | neu    |
| <b>Allostreptomyces</b>                              |              |           |        |
| Allostreptomyces psammosilenae                       | 1            |           | neu    |
| <b>Alpinimonas</b>                                   |              |           |        |
| Alpinimonas psychrophila                             | 1            |           |        |
| <b>Alsobacter</b>                                    |              |           |        |
| Alsobacter metallidurans                             | 1            |           |        |
| <b>Altererythrobacter</b>                            |              |           |        |
| Altererythrobacter aerius                            | 1            |           | neu    |
| Altererythrobacter aestiaquae                        | 1            |           | neu    |
| Altererythrobacter aestuarii                         | 1            |           |        |
| Altererythrobacter aquaemixtae                       | 1            |           | neu    |
| Altererythrobacter aquiaggeris                       | 1            |           | neu    |
| Altererythrobacter atlanticus                        | 1            |           |        |
| Altererythrobacter aurantiacus                       | 1            |           | neu    |
| Altererythrobacter buctense                          | 1            |           | neu    |
| Altererythrobacter confluentis                       | 1            |           | neu    |
| Altererythrobacter deserti                           | 1            |           | neu    |
| Altererythrobacter dongtanensis                      | 1            |           |        |
| Altererythrobacter endophyticus                      | 1            |           | neu    |
| Altererythrobacter epoxidivorans                     | 1            |           |        |
| Altererythrobacter gangjinensis                      | 1            |           |        |
| Altererythrobacter halimionae                        | 1            |           | neu    |
| Altererythrobacter indicus                           | 1            |           |        |
| Altererythrobacter lauratis                          | 1            |           | neu    |
| Altererythrobacter luteolus (Erythrobacter luteolus) | 1            |           |        |
| Altererythrobacter mangrovi                          | 1            |           | neu    |
| Altererythrobacter marensis                          | 1            |           |        |
| Altererythrobacter marinus                           | 1            |           |        |
| Altererythrobacter namhicola                         | 1            |           |        |
| Altererythrobacter oceanensis                        | 1            |           | neu    |
| Altererythrobacter palmitatis                        | 1            |           | neu    |
| Altererythrobacter rigui                             | 1            |           | neu    |
| Altererythrobacter salegens                          | 1            |           | neu    |
| Altererythrobacter sediminis                         | 1            |           | neu    |
| Altererythrobacter soli                              | 1            |           | neu    |
| Altererythrobacter troitsensis                       | 1            |           |        |
| Altererythrobacter xiamenensis                       | 1            |           |        |
| Altererythrobacter xinjiangensis                     | 1            |           |        |
| Altererythrobacter xixiisoli                         | 1            |           | neu    |
| <b>Alteribacillus</b>                                |              |           |        |

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|--|--------------|-----------|--------|
| <i>Alteribacillus alkaliphilus</i>   | 1            |           | neu    |
| <i>Alteribacillus bidgolensis</i>  | 1            |           |        |
| <i>Alteribacillus iranensis</i> ( <i>Bacillus iranensis</i> )                                      | 1            |           | Umb.   |
| <i>Alteribacillus persepolensis</i> ( <i>Bacillus persepolensis</i> )                              | 1            |           |        |
| <b>Alterococcus</b>  |              |           |        |
| <i>Alterococcus agarolyticus</i>   | 1            |           |        |
| <b>Alteromonas</b>   |              |           |        |
| <i>Alteromonas addita</i>  | 1            |           |        |
| <i>Alteromonas aestuariivivens</i>   | 1            |           | neu    |
| <i>Alteromonas atlantica</i> → <i>Pseudoalteromonas atlantica</i>                                  |              |           |        |
| <i>Alteromonas aurantia</i> → <i>Pseudoalteromonas aurantia</i>                                    |              |           |        |
| <i>Alteromonas australica</i>  | 1            |           |        |
| <i>Alteromonas carrageenovora</i> → <i>Pseudoalteromonas carrageenovora</i>                        |              |           |        |
| <i>Alteromonas citrea</i> → <i>Pseudoalteromonas citrea</i>  |              |           |        |
| <i>Alteromonas colwelliana</i> → <i>Shewanella colwelliana</i>                                     |              |           |        |
| <i>Alteromonas communis</i> → <i>Marinomonas communis</i> = <i>Oceanospirillum commune</i>         |              |           |        |
| <i>Alteromonas confluentis</i>   | 1            |           | neu    |
| <i>Alteromonas denitrificans</i> → <i>Pseudoalteromonas denitrificans</i>                          |              |           |        |
| <i>Alteromonas distincta</i> → <i>Pseudoalteromonas distincta</i>                                  |              |           |        |
| <i>Alteromonas elyakovii</i> → <i>Pseudoalteromonas elyakovii</i>                                  |              |           |        |
| <i>Alteromonas espejiana</i> → <i>Pseudoalteromonas espejiana</i>                                  |              |           |        |
| <i>Alteromonas fuliginea</i> → <i>Pseudoalteromonas fuliginea</i>                                  |              |           | Umb.   |
| <i>Alteromonas genovensis</i>  | 1            |           |        |
| <i>Alteromonas gracilis</i>  | 1            |           | neu    |
| <i>Alteromonas halophila</i>   | 1            |           |        |
| <i>Alteromonas haloplanktis</i> → <i>Pseudoalteromonas haloplanktis</i> subsp. <i>haloplanktis</i> |              |           |        |
| <i>Alteromonas hanedai</i> → <i>Shewanella hanedai</i>   |              |           |        |
| <i>Alteromonas hispanica</i>   | 1            |           |        |
| <i>Alteromonas lipolytica</i>  | 1            |           | neu    |
| <i>Alteromonas litorea</i>   | 1            |           |        |
| <i>Alteromonas luteoviolacea</i> → <i>Pseudoalteromonas luteoviolacea</i>                          |              |           |        |
| <i>Alteromonas macleodii</i>   | 1            |           |        |
| <i>Alteromonas marina</i>  | 1            |           |        |
| <i>Alteromonas mediterranea</i>  | 1            |           | neu    |
| <i>Alteromonas naphthalenivorans</i>   | 1            |           | neu    |
| <i>Alteromonas nigrifaciens</i> → <i>Pseudoalteromonas nigrifaciens</i>                            |              |           |        |
| <i>Alteromonas pelagimontana</i>   | 1            |           | neu    |

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| Alteromonas putrefaciens → Shewanella putrefaciens          |              |           |        |
| Alteromonas rubra → Pseudoalteromonas rubra                 |              |           |        |
| Alteromonas simiduii  | 1            |           |        |
| Alteromonas stellipolaris                                   | 1            |           |        |
| Alteromonas tagae   | 1            |           |        |
| Alteromonas tetraodonis → Pseudoalteromonas tetraodonis     |              |           |        |
| Alteromonas undina → Pseudoalteromonas undina               |              |           |        |
| Alteromonas vaga → Marinomonas vaga = Oceanospirillum vagum |              |           |        |
| <b>Alysiella</b>  |              |           |        |
| Alysiella crassa (Simonsiella crassa)                       | 1            |           |        |
| Alysiella filiformis  | 1            |           |        |
| <b>Amantichitinum</b>                                       |              |           |        |
| Amantichitinum ursilacus                                    | 1            |           |        |
| <b>Amaricoccus</b>  |              |           |        |
| Amaricoccus kaplicensis                                     | 1            |           |        |
| Amaricoccus macauensis                                      | 1            |           |        |
| Amaricoccus tamworthensis                                   | 1            |           |        |
| Amaricoccus veronensis                                      | 1            |           |        |
| <b>Ameyamaea</b>  |              |           |        |
| Ameyamaea chiangmaiensis                                    | 1            |           |        |
| <b>Aminicella</b>   |              |           |        |
| Aminicella lysinilytica                                     | 1            |           | neu    |
| <b>Aminiphilus</b>  |              |           |        |
| Aminiphilus circumscriptus                                  | 1            |           |        |
| <b>Aminipila</b>  |              |           |        |
| Aminipila butyrica  | 1            |           | neu    |
| <b>Aminivibrio</b>  |              |           |        |
| Aminivibrio pyruvatiphilus                                  | 1            |           |        |
| <b>Aminobacter</b>  |              |           |        |
| Aminobacter aganoensis                                      | 1            |           |        |
| Aminobacter aminovorans (Pseudomonas aminovorans)           | 1            |           |        |
| Aminobacter anthyllidis                                     | 1            |           |        |
| Aminobacter ciceronei                                       | 1            |           |        |
| Aminobacter lissarensis                                     | 1            |           |        |
| Aminobacter niigataensis                                    | 1            |           |        |
| <b>Aminobacterium</b>                                       |              |           |        |
| Aminobacterium colombiense                                  | 1            |           |        |
| Aminobacterium mobile                                       | 1            |           |        |
| Aminobacterium thunnarium                                   | 1            |           | neu    |
| <b>Aminomonas</b>   |              |           |        |
| Aminomonas paucivorans                                      | 1            |           |        |
| <b>Ammonifex</b>  |              |           |        |
| Ammonifex degensii  | 1            |           |        |

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|--|--------------|-----------|--------|
| Ammonifex thiophilus                                       | 1            |           |        |
| <b>Ammoniibacillus</b>                                     |              |           |        |
| Ammoniibacillus agariperforans                             | 1            |           |        |
| <b>Ammoniphilus</b>  |              |           |        |
| Ammoniphilus oxalaticus                                    | 1            |           |        |
| Ammoniphilus oxalivorans                                   | 1            |           |        |
| Ammoniphilus resiniae                                      | 1            |           | neu    |
| <b>Amnibacterium</b>                                       |              |           |        |
| Amnibacterium kyonggiense                                  | 1            |           |        |
| Amnibacterium soli   | 1            |           |        |
| <b>Amoebobacter</b>  |              |           |        |
| Amoebobacter pedioformis → Thiolamproyum pedioforme        |              |           |        |
| Amoebobacter pendens → Thiocapsa pendens                   |              |           |        |
| Amoebobacter purpureus → Lamprocystis purpurea             |              |           |        |
| Amoebobacter roseus → Thiocapsa rosea                      |              |           |        |
| <b>Amorphosporangium → Actinoplanes</b>                    |              |           |        |
| Amorphosporangium auranticolor → Actinoplanes auranticolor |              |           |        |
| Amorphosporangium globisporum → Actinoplanes globisporus   |              |           |        |
| <b>Amorphus</b>  |              |           |        |
| Amorphus coralli   | 1            |           |        |
| Amorphus orientalis  | 1            |           |        |
| Amorphus suaedae   | 1            |           |        |
| <b>Amphibacillus</b>                                       |              |           |        |
| Amphibacillus cookii                                       | 1            |           |        |
| Amphibacillus fermentum → Pelagirhabdus fermentum          |              |           | Umb.   |
| Amphibacillus iburiensis                                   | 1            |           |        |
| Amphibacillus indicireducens                               | 1            |           |        |
| Amphibacillus jilinensis                                   | 1            |           |        |
| Amphibacillus marinus                                      | 1            |           |        |
| Amphibacillus sediminis                                    | 1            |           |        |
| Amphibacillus tropicus                                     | 1            |           |        |
| Amphibacillus xylanus                                      | 1            |           |        |
| <b>Amphiplicatus</b>                                       |              |           |        |
| Amphiplicatus metriothermophilus                           | 1            |           | neu    |
| <b>Amphritea</b>   |              |           |        |
| Amphritea atlantica  | 1            |           |        |
| Amphritea balenae  | 1            |           |        |
| Amphritea ceti   | 1            |           | neu    |
| Amphritea japonica   | 1            |           |        |
| Amphritea spongicola                                       | 1            |           | neu    |
| <b>Ampullariella → Actinoplanes</b>                        |              |           |        |
| Ampullariella campanulata → Actinoplanes campanulatus      |              |           |        |
| Ampullariella digitata → Actinoplanes digitatis            |              |           |        |



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|--|--------------|-----------|--------|
| Ampullariella lobata → Actinoplanes lobatus                      |              |           |        |
| Ampullariella regularis → Actinoplanes regularis                 |              |           |        |
| <b>Ampullimonas</b>  |              |           |        |
| Ampullimonas aquatilis   | 1            |           | neu    |
| <b>Amycolata → Pseudonocardia</b>                                |              |           |        |
| Amycolata alni → Pseudonocardia alni                             |              |           |        |
| Amycolata autotrophica → Pseudonocardia autotrophica             |              |           |        |
| Amycolata hydrocarbonoxydans → Pseudonocardia hydrocarbonoxydans |              |           |        |
| Amycolata saturnea → Pseudonocardia saturnea                     |              |           |        |
| <b>Amycolatopsis</b>   |              |           |        |
| Amycolatopsis acidiphila   | 1            |           | neu    |
| Amycolatopsis alba   | 1            |           |        |
| Amycolatopsis albidiflava (albidoflavus)                         | 1            |           | Korr.  |
| Amycolatopsis albispora  | 1            |           | neu    |
| Amycolatopsis australiensis                                      | 1            |           |        |
| Amycolatopsis azurea (Pseudonocardia azurea)                     | 1            |           |        |
| Amycolatopsis balhimycina  | 1            |           |        |
| Amycolatopsis bartoniae  | 1            |           |        |
| Amycolatopsis benzoatilytica                                     | 1            | +         |        |
| Amycolatopsis bullii   | 1            |           |        |
| Amycolatopsis cihanbeyliensis                                    | 1            |           |        |
| Amycolatopsis circi  | 1            |           |        |
| Amycolatopsis coloradensis                                       | 1            |           |        |
| Amycolatopsis decaplanina  | 1            |           |        |
| Amycolatopsis deserti  | 1            |           | neu    |
| Amycolatopsis dongchuanensis                                     | 1            |           |        |
| Amycolatopsis echigonensis                                       | 1            |           |        |
| Amycolatopsis endophytica  | 1            |           |        |
| Amycolatopsis equina   | 1            |           |        |
| Amycolatopsis eurytherma   | 1            |           |        |
| Amycolatopsis fastidiosa → Actinokineospora fastidiosa           |              |           |        |
| Amycolatopsis granulosa  | 1            |           |        |
| Amycolatopsis halophila  | 1            |           |        |
| Amycolatopsis halotolerans                                       | 1            |           |        |
| Amycolatopsis helveola   | 1            |           |        |
| Amycolatopsis hippodromi   | 1            |           |        |
| Amycolatopsis japonica   | 1            |           |        |
| Amycolatopsis jejuensis  | 1            |           |        |
| Amycolatopsis jiangsuensis                                       | 1            |           |        |
| Amycolatopsis kentuckyensis                                      | 2            | t         |        |
| Amycolatopsis keratiniphila subsp. keratiniphila                 | 1            |           |        |
| Amycolatopsis keratiniphila subsp. nogabecina                    | 1            |           |        |
| Amycolatopsis lexingtonensis                                     | 2            | t         |        |
| Amycolatopsis lurida (Amycolatopsis orientalis subsp. lurida)    | 1            |           |        |

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|---|--------------|-----------|--------|
| <i>Amycolatopsis magusensis</i>   | 1            |           |        |
| <i>Amycolatopsis marina</i>   | 1            |           |        |
| <i>Amycolatopsis mediterranei</i> ( <i>Nocardia mediterranei</i> )  | 1            |           |        |
| <i>Amycolatopsis methanolica</i>  | 1            |           |        |
| <i>Amycolatopsis minnesotensis</i>  | 1            |           |        |
| <i>Amycolatopsis nigrescens</i>   | 1            |           |        |
| <i>Amycolatopsis niigatensis</i>  | 1            |           |        |
| <i>Amycolatopsis orientalis</i> ( <i>Amycolatopsis orientalis</i> subsp. <i>orientalis</i> , <i>Nocardia orientalis</i> ) | 1            | +         |        |
| <i>Amycolatopsis orientalis</i> subsp. <i>lurida</i> → <i>Amycolatopsis lurida</i>  |              |           |        |
| <i>Amycolatopsis orientalis</i> subsp. <i>orientalis</i> → <i>Amycolatopsis orientalis</i>                                |              |           |        |
| <i>Amycolatopsis palatopharyngis</i>  | 1            | +         |        |
| <i>Amycolatopsis pigmentata</i>   | 1            |           |        |
| <i>Amycolatopsis plumensis</i>  | 1            |           |        |
| <i>Amycolatopsis pretoriensis</i>   | 2            | t         |        |
| <i>Amycolatopsis regifaucium</i>  | 1            |           |        |
| <i>Amycolatopsis rhabdoformis</i>   | 1            |           | neu    |
| <i>Amycolatopsis rifamycinica</i>   | 1            |           |        |
| <i>Amycolatopsis roodepoortensis</i>  | 1            |           | neu    |
| <i>Amycolatopsis ruanii</i>   | 1            |           |        |
| <i>Amycolatopsis rubida</i>   | 1            |           |        |
| <i>Amycolatopsis rugosa</i> → <i>Prauserella rugosa</i>   |              |           |        |
| <i>Amycolatopsis saalfeldensis</i>  | 1            |           |        |
| <i>Amycolatopsis sacchari</i>   | 1            |           |        |
| <i>Amycolatopsis salitolerans</i>   | 1            |           |        |
| <i>Amycolatopsis samaneae</i>   | 1            |           |        |
| <i>Amycolatopsis speibonae</i>  | 1            |           | neu    |
| <i>Amycolatopsis stemonae</i>   | 1            |           | neu    |
| <i>Amycolatopsis sulphurea</i>  | 1            |           |        |
| <i>Amycolatopsis taiwanensis</i>  | 1            |           |        |
| <i>Amycolatopsis thailandensis</i>  | 1            |           |        |
| <i>Amycolatopsis thermalba</i>  | 1            |           |        |
| <i>Amycolatopsis thermoflava</i>  | 1            |           |        |
| <i>Amycolatopsis thermophila</i>  | 1            |           |        |
| <i>Amycolatopsis tolypomycina</i>   | 1            |           |        |
| <i>Amycolatopsis tucumanensis</i>   | 1            |           |        |
| <i>Amycolatopsis ultiminotia</i>  | 1            |           |        |
| <i>Amycolatopsis umgeniensis</i>  | 1            |           |        |
| <i>Amycolatopsis vancoresmycina</i>   | 1            |           |        |
| <i>Amycolatopsis viridis</i>  | 1            |           |        |
| <i>Amycolatopsis xylanica</i>   | 1            |           |        |
| <b>Amycolicoccus</b>  |              |           |        |
| <i>Amycolicoccus subflavus</i> → <i>Hoyosella subflava</i>  |              |           | Umb.   |
| <b>Amylibacter</b>  |              |           |        |
| <i>Amylibacter cionae</i>   | 1            |           | neu    |

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| Amylibacter marinus   | 1            |           | neu    |
| Amylibacter ulvae   | 1            |           | neu    |
| <b>Anaeroarcus</b>  |              |           |        |
| Anaeroarcus burkinensis (Anaerovibrio burkinensis)                        | 1            |           |        |
| <b>Anaerobacillus</b>   |              |           |        |
| Anaerobacillus alkalidiazotrophicus (Bacillus alkalidiazotrophicus)       | 1            |           |        |
| Anaerobacillus alkalilacustris  | 1            |           |        |
| Anaerobacillus arseniciselenatis (Bacillus arseniciselenatis)             | 1            |           |        |
| Anaerobacillus macyae (Bacillus macyae)                                   | 1            |           |        |
| <b>Anaerobacter</b>   |              |           |        |
| Anaerobacter polyendosporus → Clostridium polyendosporum                  |              |           | Umb.   |
| <b>Anaerobacterium</b>  |              |           |        |
| Anaerobacterium chartisolvans   | 1            |           |        |
| <b>Anaerobaculum</b>  |              |           |        |
| Anaerobaculum hydrogeniformans → Acetomicrobium hydrogeniformans          |              |           | Umb.   |
| Anaerobaculum mobile → Acetomicrobium mobile                              |              |           | Umb.   |
| Anaerobaculum thermoterrenum → Acetomicrobium thermoterrenum              |              |           | Umb.   |
| <b>Anaerobiospirillum</b>   |              |           |        |
| Anaerobiospirillum succiniproducens                                       | 2            | ht        |        |
| Anaerobiospirillum thomasi  | 2            | ht        |        |
| <b>Anaerobium</b>   |              |           |        |
| Anaerobium acetethylicum  | 1            |           | neu    |
| <b>Anaerobranca</b>   |              |           |        |
| Anaerobranca californiensis   | 1            |           |        |
| Anaerobranca gottschalkii   | 1            |           |        |
| Anaerobranca horikoshii   | 1            |           |        |
| Anaerobranca zavarzinii   | 1            |           |        |
| <b>Anaerocella</b>  |              |           |        |
| Anaerocella delicata  | 1            |           |        |
| <b>Anaerococcus</b>   |              |           |        |
| Anaerococcus degeneri   | 1            | +         | neu    |
| Anaerococcus hydrogenalis (Peptostreptococcus hydrogenalis)               | 1            | +         |        |
| Anaerococcus lactolyticus (Peptostreptococcus lactolyticus)               | 1            | +         |        |
| Anaerococcus murdochii  | 2            |           |        |
| Anaerococcus nagyae   | 1            | +         | neu    |
| Anaerococcus octavius (Peptostreptococcus octavius)                       | 1            | +         |        |
| Anaerococcus pacaensis  | 1            | +         | neu    |
| Anaerococcus prevotii (Peptococcus prevotii, Peptostreptococcus prevotii) | 2            |           |        |
| Anaerococcus provencensis   | 1            | +         | neu    |
| Anaerococcus senegalensis   | 1            |           | neu    |

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| Anaerococcus tetradius (Peptostreptococcus tetradius)    | 1            | +         |        |
| Anaerococcus vaginalis (Peptostreptococcus vaginalis)    | 2            |           |        |
| <b>Anaerocolumna</b>                                     |              |           |        |
| Anaerocolumna aminovalerica (Clostridium aminovalericum) | 1            |           | Umb.   |
| Anaerocolumna cellulolytica                              | 1            |           | neu    |
| Anaerocolumna jejuensis (Clostridium jejuense)           | 1            |           | Umb.   |
| Anaerocolumna xylanovorans (Clostridium xylanovorans)    | 1            |           | Umb.   |
| <b>Anaerofilum</b>                                       |              |           |        |
| Anaerofilum agile  | 1            |           |        |
| Anaerofilum pentosovorans                                | 1            |           |        |
| <b>Anaerofustis</b>                                      |              |           |        |
| Anaerofustis stercorihominis                             | 1            |           |        |
| <b>Anaeroglobus</b>                                      |              |           |        |
| Anaeroglobus geminatus                                   | 1            | +         |        |
| <b>Anaerolinea</b>                                       |              |           |        |
| Anaerolinea thermolimos                                  | 1            |           |        |
| Anaerolinea thermophila                                  | 1            |           |        |
| <b>Anaeromicrobium</b>                                   |              |           |        |
| Anaeromicrobium sediminis                                | 1            |           | neu    |
| <b>Anaeromusa</b>  |              |           |        |
| Anaeromusa acidaminophila                                | 1            |           |        |
| <b>Anaeromyxobacter</b>                                  |              |           |        |
| Anaeromyxobacter dehalogenans                            | 1            |           |        |
| <b>Anaerophaga</b>                                       |              |           |        |
| Anaerophaga thermohalophila                              | 1            |           |        |
| <b>Anaeroplasma</b>                                      |              |           |        |
| Anaeroplasma abactoclasticum                             | 1            |           |        |
| Anaeroplasma bactoclasticum                              | 1            |           |        |
| Anaeroplasma intermedium                                 | 1            |           |        |
| Anaeroplasma varium                                      | 1            |           |        |
| <b>Anaerorhabdus</b>                                     |              |           |        |
| Anaerorhabdus furcosa (Bacteroides furcosus)             | 2            |           |        |
| <b>Anaerosalibacter</b>                                  |              |           |        |
| Anaerosalibacter bizertensis                             | 1            |           |        |
| Anaerosalibacter massiliensis                            | 1            |           | neu    |
| <b>Anaerosinus</b>                                       |              |           |        |
| Anaerosinus glycerini (Anaerovibrio glycerini)           | 1            |           |        |
| <b>Anaerosolibacter</b>                                  |              |           |        |
| Anaerosolibacter carboniphilus                           | 1            |           | neu    |
| <b>Anaerosphaera</b>                                     |              |           |        |
| Anaerosphaera aminiphila                                 | 1            |           |        |
| <b>Anaerospora</b>                                       |              |           |        |
| Anaerospora hongkongensis                                | 1            |           | neu    |
| <b>Anaerosporobacter</b>                                 |              |           |        |

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|--|--------------|-----------|--------|
| Anaerosporobacter mobilis                                      | 1            |           |        |
| <b>Anaerosporomusa</b>   |              |           |        |
| Anaerosporomusa subterranea                                    | 1            |           | neu    |
| <b>Anaerostipes</b>  |              |           |        |
| Anaerostipes butyraticus                                       | 1            |           |        |
| Anaerostipes caccae  | 1            |           |        |
| Anaerostipes hadrus (Eubacterium hadrum)                       | 1            |           |        |
| Anaerostipes rhamnosivorans                                    | 1            |           |        |
| <b>Anaerotaenia</b>  |              |           |        |
| Anaerotaenia torta   | 1            |           | neu    |
| <b>Anaerotignum</b>  |              |           |        |
| Anaerotignum aminivorans                                       | 1            |           | neu    |
| Anaerotignum lactatifermentans (Clostridium lactatifermentans) | 1            |           | Umb.   |
| Anaerotignum neopropionicum (Clostridium neopropionicum)       | 1            |           | Umb.   |
| Anaerotignum propionicum (Clostridium propionicum)             | 1            |           | Umb.   |
| <b>Anaerotruncus</b>   |              |           |        |
| Anaerotruncus colihominis                                      | 1            |           |        |
| <b>Anaerovibrio</b>  |              |           |        |
| Anaerovibrio burkinabensis → Anaeroarcus burkinensis           |              |           |        |
| Anaerovibrio glycerini → Anaerosinus glycerini                 |              |           |        |
| Anaerovibrio lipolyticus                                       | 1            |           |        |
| <b>Anaerovirgula</b>   |              |           |        |
| Anaerovirgula multivorans                                      | 1            |           |        |
| <b>Anaerovorax</b>   |              |           |        |
| Anaerovorax odorimutans  | 1            |           |        |
| <b>Anaplasma</b>   |              |           |        |
| Anaplasma bovis („Ehrlichia bovis“)                            | 2            | t         |        |
| Anaplasma caudatum   | 2            | t         |        |
| Anaplasma centrale   | 2            | t         |        |
| Anaplasma marginale  | 2            | t         |        |
| Anaplasma ovis   | 2            | t         |        |
| Anaplasma phagocytophilum (Ehrlichia phagocytophila)           | 2            | ht        |        |
| Anaplasma platys („Ehrlichia platys“)                          | 2            | t         |        |
| <b>Ancalochloris</b>   |              |           |        |
| Ancalochloris perflievii                                       | 1            |           |        |
| <b>Ancalomicrobium</b>   |              |           |        |
| Ancalomicrobium adetum   | 1            |           |        |
| <b>Ancylobacter</b>  |              |           |        |
| Ancylobacter aquaticus (Microcyclus aquaticus)                 | 1            |           |        |
| Ancylobacter defluvii  | 1            |           |        |
| Ancylobacter dichloromethanicus                                | 1            |           |        |
| Ancylobacter oerskovii   | 1            |           |        |
| Ancylobacter polymorphus                                       | 1            |           |        |

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|---|--------------|-----------|--------|
| <i>Ancylobacter pratisalsi</i>  | 1            |           | neu    |
| <i>Ancylobacter rudongensis</i>   | 1            |           |        |
| <i>Ancylobacter sonchi</i>  | 1            |           | neu    |
| <i>Ancylobacter vacuolatus</i>  | 1            |           |        |
| <b>Ancylomarina</b>   |              |           |        |
| <i>Ancylomarina subtilis</i>  | 1            |           | neu    |
| <b>Anderseniella</b>  |              |           |        |
| <i>Anderseniella baltica</i>  | 1            |           |        |
| <b>Andreesenia</b>  |              |           |        |
| <i>Andreesenia angusta</i> ( <i>Eubacterium angustum</i> )                    | 1            |           | Umb.   |
| <b>Andreprevotia</b>  |              |           |        |
| <i>Andreprevotia chitinilytica</i>  | 1            |           |        |
| <i>Andreprevotia lacus</i>  | 1            |           |        |
| <b>Aneurinibacillus</b>   |              |           |        |
| <i>Aneurinibacillus aneurinilyticus</i> ( <i>Bacillus aneurinilyticus</i> )   | 1            |           |        |
| <i>Aneurinibacillus danicus</i>   | 1            |           |        |
| <i>Aneurinibacillus migulanus</i> ( <i>Bacillus migulanus</i> )               | 1            |           |        |
| <i>Aneurinibacillus sediminis</i>   | 1            |           | neu    |
| <i>Aneurinibacillus soli</i>  | 1            |           | neu    |
| <i>Aneurinibacillus terranovensis</i>   | 1            |           |        |
| <i>Aneurinibacillus thermoaerophilus</i> ( <i>Bacillus thermoaerophilus</i> ) | 1            |           |        |
| <i>Aneurinibacillus tyrosinisolvans</i>                                       | 1            |           | neu    |
| <b>Angiococcus</b>  |              |           |        |
| <i>Angiococcus disciformis</i> → <i>Archangium disciforme</i>                 |              |           |        |
| <b>Angulomicrobium</b>  |              |           |        |
| <i>Angulomicrobium amanitifforme</i>  | 1            |           |        |
| <i>Angulomicrobium tetraedrale</i>  | 1            |           |        |
| <b>Angustibacter</b>  |              |           |        |
| <i>Angustibacter aerolatus</i>  | 1            |           |        |
| <i>Angustibacter luteus</i>   | 1            |           |        |
| <i>Angustibacter peucedani</i>  | 1            |           |        |
| <i>Angustibacter speluncaae</i>   | 1            |           | neu    |
| <b>Annwoodia</b>  |              |           |        |
| <i>Annwoodia aquasulis</i> ( <i>Thiobacillus aquaesulis</i> )                 | 1            |           | Umb.   |
| <b>Anoxybacillus</b>  |              |           |        |
| <i>Anoxybacillus amylolyticus</i>   | 1            |           |        |
| <i>Anoxybacillus ayderensis</i>   | 1            |           |        |
| <i>Anoxybacillus bogrovensis</i>  | 1            |           |        |
| <i>Anoxybacillus caldiproteolyticus</i>                                       | 1            |           |        |
| <i>Anoxybacillus calidus</i>  | 1            |           |        |
| <i>Anoxybacillus contaminans</i>  | 1            |           |        |
| <i>Anoxybacillus eryuanensis</i>  | 1            |           |        |
| <i>Anoxybacillus flavithermus</i> subsp. <i>flavithermus</i>                  | 1            |           | Umb.   |
| <i>Anoxybacillus flavithermus</i> subsp. <i>yunnanensis</i>                   | 1            |           |        |

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|---|--------------|-----------|--------|
| Anoxybacillus flavithermus → Anoxybacillus flavithermus subsp. flavithermus |              |           |        |
| Anoxybacillus geothermalis  | 1            |           | neu    |
| Anoxybacillus gonensis  | 1            |           |        |
| Anoxybacillus kamchatkensis   | 1            |           |        |
| Anoxybacillus kaynarcensis  | 1            |           |        |
| Anoxybacillus kestanbolensis  | 1            |           |        |
| Anoxybacillus mongoliensis  | 1            |           |        |
| Anoxybacillus pushchinoensis  | 1            |           |        |
| Anoxybacillus rupiensis   | 1            |           |        |
| Anoxybacillus salavatliensis  | 1            |           |        |
| Anoxybacillus tengchongensis  | 1            |           |        |
| Anoxybacillus tepidamans (Geobacillus tepidamans)                           | 1            |           |        |
| Anoxybacillus thermarum   | 1            |           |        |
| Anoxybacillus vitaminiphilus  | 1            |           |        |
| Anoxybacillus voinovskiensis  | 1            |           |        |
| <b>Anoxybacter</b>  |              |           |        |
| Anoxybacter fermentans  | 1            |           | neu    |
| <b>Anoxynatronum</b>  |              |           |        |
| Anoxynatronum buryatiense   | 1            |           | neu    |
| Anoxynatronum sibiricum   | 1            |           |        |
| <b>Anseongella</b>  |              |           |        |
| Anseongella ginsenosidimutans   | 1            |           | neu    |
| <b>Antarcticibacterium</b>  |              |           |        |
| Antarcticibacterium flavum  | 1            |           | neu    |
| <b>Antarcticimonas</b>  |              |           |        |
| Antarcticimonas flava   | 1            |           | neu    |
| <b>Antarctobacter</b>   |              |           |        |
| Antarctobacter heliothermus   | 1            |           |        |
| <b>Antricoccus</b>  |              |           |        |
| Antricoccus suffuscus   | 1            |           | neu    |
| <b>Apibacter</b>  |              |           |        |
| Apibacter adventoris  | 1            |           | neu    |
| Apibacter mensalis  | 1            |           | neu    |
| <b>Aquabacter</b>   |              |           |        |
| Aquabacter spiritensis  | 1            |           |        |
| <b>Aquabacterium</b>  |              |           |        |
| Aquabacterium citratiphilum   | 1            |           |        |
| Aquabacterium commune   | 1            |           |        |
| Aquabacterium fontiphilum   | 1            |           |        |
| Aquabacterium limnoticum  | 1            |           |        |
| Aquabacterium olei  | 1            |           | neu    |
| Aquabacterium parvum  | 1            |           |        |
| <b>Aquamicrobium</b>  |              |           |        |
| Aquamicrobium aerolatum   | 1            |           |        |
| Aquamicrobium aestuarii   | 1            |           |        |

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|---|--------------|-----------|--------|
| <i>Aquamicrobium ahrensii</i>   | 1            |           |        |
| <i>Aquamicrobium defluvii</i>   | 1            |           |        |
| <i>Aquamicrobium lusatiense</i> ( <i>Defluvibacter lusatiensis</i> )  | 1            |           |        |
| <i>Aquamicrobium segne</i>  | 1            |           |        |
| <i>Aquamicrobium soli</i>   | 1            |           | neu    |
| <i>Aquamicrobium terrae</i>   | 1            |           | neu    |
| <b>Aquaspirillum</b>  |              |           |        |
| <i>Aquaspirillum anulus</i> → <i>Giesbergeria anulus</i>  |              |           |        |
| <i>Aquaspirillum aquaticum</i> → <i>Comamonas aquatica</i>  |              |           |        |
| <i>Aquaspirillum arcticum</i>   | 1            |           |        |
| <i>Aquaspirillum autotrophicum</i> → <i>Herbaspirillum autotrophicum</i>  |              |           |        |
| <i>Aquaspirillum bengal</i> – synonym: <i>Aquaspirillum serpens</i>   |              |           |        |
| <i>Aquaspirillum delicatum</i> → <i>Curvibacter delicatus</i>   |              |           |        |
| <i>Aquaspirillum dispar</i> – synonym: <i>Microvirgula aerodenitrificans</i>  |              |           |        |
| <i>Aquaspirillum fasciculus</i> → <i>Prolinoborus fasciculus</i>  |              |           |        |
| <i>Aquaspirillum giesbergeri</i> → <i>Giesbergeria giesbergeri</i>  |              |           |        |
| <i>Aquaspirillum gracile</i> → <i>Hylemonella gracilis</i>  |              |           |        |
| <i>Aquaspirillum itersonii</i> subsp. <i>itersonii</i> → <i>Novispirillum itersonii</i> subsp. <i>itersonii</i>         |              |           |        |
| <i>Aquaspirillum itersonii</i> subsp. <i>nipponicum</i> → <i>Novispirillum itersonii</i> subsp. <i>nipponicum</i>       |              |           |        |
| <i>Aquaspirillum magnetotacticum</i> → <i>Magnetospirillum magnetotacticum</i>  |              |           |        |
| <i>Aquaspirillum metamorphum</i> → <i>Simplicispira metamorpha</i>  |              |           |        |
| <i>Aquaspirillum peregrinum</i> subsp. <i>integrum</i> → <i>Insolitospirillum peregrinum</i> subsp. <i>integrum</i>     |              |           |        |
| <i>Aquaspirillum peregrinum</i> subsp. <i>peregrinum</i> → <i>Insolitospirillum peregrinum</i> subsp. <i>peregrinum</i> |              |           |        |
| <i>Aquaspirillum polymorphum</i>  | 1            |           |        |
| <i>Aquaspirillum psychrophilum</i> → <i>Simplicispira psychrophila</i>  |              |           |        |
| <i>Aquaspirillum putridiconchylium</i>  | 1            |           |        |
| <i>Aquaspirillum serpens</i>  | 1            |           |        |
| <i>Aquaspirillum sinuosum</i> → <i>Giesbergeria sinuosa</i>   |              |           |        |
| <i>Aquaspirillum soli</i>   | 1            |           | neu    |
| <b>Aquaticitalea</b>  |              |           |        |
| <i>Aquaticitalea lipolytica</i>   | 1            |           | neu    |
| <b>Aquibacillus</b>   |              |           |        |
| <i>Aquibacillus albus</i> ( <i>Virgibacillus albus</i> )  | 1            |           | Umb.   |
| <i>Aquibacillus halophilus</i>  | 1            |           | neu    |
| <i>Aquibacillus koreensis</i> ( <i>Virgibacillus koreensis</i> )  | 1            |           | Umb.   |
| <i>Aquibacillus salifodinae</i>   | 1            |           | neu    |
| <b>Aquibacter</b>   |              |           |        |
| <i>Aquibacter zeaxanthinifaciens</i>  | 1            |           |        |



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|---|--------------|-----------|--------|
| <b>Aquicella</b>  |              |           |        |
| Aquicella lusitana  | 1            |           |        |
| Aquicella siphonis  | 1            |           |        |
| <b>Aquicoccus</b>   |              |           |        |
| Aquicoccus porphyridii  | 1            |           | neu    |
| <b>Aquidulcibacter</b>  |              |           |        |
| Aquidulcibacter paucihalophilus                                   | 1            |           | neu    |
| <b>Aquifex</b>  |              |           |        |
| Aquifex pyrophilus  | 1            |           |        |
| <b>Aquiflexum</b>   |              |           |        |
| Aquiflexum balticum   | 1            |           |        |
| <b>Aquihabitans</b>   |              |           |        |
| Aquihabitans daechungensis  | 1            |           |        |
| <b>Aquimarina</b>   |              |           |        |
| Aquimarina addita   | 1            |           |        |
| Aquimarina agarilytica  | 1            |           |        |
| Aquimarina agarivorans  | 1            |           | neu    |
| Aquimarina aggregata  | 1            |           | neu    |
| Aquimarina amphilecti   | 1            |           |        |
| Aquimarina atlantica  | 1            |           | neu    |
| Aquimarina brevivitae (Gaetbulimicrobium brevivitae)              | 1            |           |        |
| Aquimarina gracilis   | 1            |           |        |
| Aquimarina hainanensis  | 1            | n         | neu    |
| Aquimarina intermedia   | 1            |           |        |
| Aquimarina latercula (Cytophaga latercula, Stanierella latercula) | 1            |           |        |
| Aquimarina longa  | 1            |           |        |
| Aquimarina macrocephali   | 1            |           |        |
| Aquimarina megaterium   | 1            |           |        |
| Aquimarina muelleri   | 1            |           |        |
| Aquimarina mytili   | 1            |           |        |
| Aquimarina pacifica   | 1            |           |        |
| Aquimarina penaei   | 1            | n         | neu    |
| Aquimarina rubra  | 1            |           | neu    |
| Aquimarina salinaria  | 1            |           |        |
| Aquimarina seongsanensis  | 1            |           | neu    |
| Aquimarina spongiae   | 1            |           |        |
| Aquimarina versatilis   | 1            |           | neu    |
| <b>Aquimixticola</b>  |              |           |        |
| Aquimixticola soesokkakensis                                      | 1            |           | neu    |
| <b>Aquimonas</b>  |              |           |        |
| Aquimonas voraii  | 1            |           |        |
| <b>Aquicola</b>   |              |           |        |
| Aquicola tertiicarbonis   | 1            |           |        |
| <b>Aquipuribacter</b>   |              |           |        |
| Aquipuribacter hungaricus   | 1            |           |        |

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|---|--------------|-----------|--------|
| <i>Aquipuribacter nitratireducens</i>   | 1            |           | neu    |
| <b>Aquisalibacillus</b>   |              |           |        |
| <i>Aquisalibacillus elongatus</i>   | 1            |           |        |
| <b>Aquisalimonas</b>  |              |           |        |
| <i>Aquisalimonas asiatica</i>   | 1            |           |        |
| <i>Aquisalimonas halophila</i>  | 1            |           | neu    |
| <i>Aquisalimonas lutea</i>  | 1            |           | neu    |
| <b>Aquisalinus</b>  |              |           |        |
| <i>Aquisalinus flavus</i>   | 1            |           | neu    |
| <b>Aquisphaera</b>  |              |           |        |
| <i>Aquisphaera giovannonii</i>  | 1            |           |        |
| <b>Aquitalea</b>  |              |           |        |
| <i>Aquitalea denitrificans</i>  | 1            |           |        |
| <i>Aquitalea magnusonii</i>   | 1            |           |        |
| <i>Aquitalea pelogenes</i>  | 1            |           | neu    |
| <b>Arachidicoccus</b>   |              |           |        |
| <i>Arachidicoccus ginsenosidivorans</i>   | 1            |           | neu    |
| <i>Arachidicoccus rhizosphaerae</i>   | 1            |           | neu    |
| <b>Arachnia → Propionibacterium</b>   |              |           |        |
| <i>Arachnia propionica</i> → <i>Propionibacterium propionicum</i>   |              |           |        |
| <b>Arcanobacterium</b>  |              |           |        |
| <i>Arcanobacterium abortisuis</i> → <i>Trueperella abortisuis</i>   |              |           |        |
| <i>Arcanobacterium bernardiae</i> ( <i>Actinomyces bernardiae</i> ) → <i>Trueperella bernardiae</i>                             |              |           |        |
| <i>Arcanobacterium bialowiezense</i> → <i>Trueperella bialowiezense</i>   |              |           |        |
| <i>Arcanobacterium bonasi</i> → <i>Trueperella bonasi</i>   |              |           |        |
| <i>Arcanobacterium canis</i>  | 1            | t+        |        |
| <i>Arcanobacterium haemolyticum</i> („ <i>Corynebacterium haemolyticum</i> “)   | 2            | ht        |        |
| <i>Arcanobacterium hippocoleae</i>  | 1            | t+        |        |
| <i>Arcanobacterium phocae</i>   | 2            | t         |        |
| <i>Arcanobacterium phocisimile</i>  | 1            | t+        |        |
| <i>Arcanobacterium pluranimalium</i>  | 2            | t         |        |
| <i>Arcanobacterium pyogenes</i> ( <i>Corynebacterium pyogenes</i> , <i>Actinomyces pyogenes</i> ) → <i>Trueperella pyogenes</i> |              |           |        |
| <i>Arcanobacterium wilhelmae</i>  | 1            | t+        | neu    |
| <b>Archaeoglobus</b>  |              |           |        |
| <i>Archaeoglobus fulgidus</i>   | 1            |           |        |
| <i>Archaeoglobus infectus</i>   | 1            |           |        |
| <i>Archaeoglobus profundus</i>  | 1            |           |        |
| <i>Archaeoglobus sulfatcallidus</i>   | 1            |           |        |
| <i>Archaeoglobus veneficus</i>  | 1            |           |        |
| <b>Archangium</b>   |              |           |        |
| <i>Archangium disciforme</i> ( <i>Angiococcus disciformis</i> )   | 1            |           | Umb.   |
| <i>Archangium gephyra</i>   | 1            |           |        |

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|--|--------------|-----------|--------|
| Archangium minus (Cystobacter minus)                   | 1            |           | Umb.   |
| Archangium violaceum (Cystobacter violaceus)           | 1            |           | Umb.   |
| <b>Arcicella</b>                                       |              |           |        |
| Arcicella aquatica                                     | 1            |           |        |
| Arcicella aurantiaca                                   | 1            |           |        |
| Arcicella rigui  | 1            |           |        |
| Arcicella rosea  | 1            |           |        |
| <b>Arcobacter</b>                                      |              |           |        |
| Arcobacter anaerophilus                                | 1            |           |        |
| Arcobacter aquimarinus                                 | 1            |           | neu    |
| Arcobacter bivalviorum                                 | 1            |           |        |
| Arcobacter butzleri (Campylobacter butzleri)           | 2            | ht        |        |
| Arcobacter cibarius                                    | 1            |           |        |
| Arcobacter cloacae                                     | 1            |           |        |
| Arcobacter cryaerophilus (Campylobacter cryaerophilus) | 2            | ht        |        |
| Arcobacter defluvii                                    | 1            |           |        |
| Arcobacter ebronensis                                  | 1            |           | neu    |
| Arcobacter ellisii                                     | 1            |           | neu    |
| Arcobacter haliotis                                    | 1            |           | neu    |
| Arcobacter halophilus                                  | 1            |           |        |
| Arcobacter lanthieri                                   | 1            |           | neu    |
| Arcobacter lekithochrous                               | 1            |           | neu    |
| Arcobacter marinus                                     | 1            |           |        |
| Arcobacter molluscorum                                 | 1            |           |        |
| Arcobacter mytili                                      | 1            |           | neu    |
| Arcobacter nitrofigilis (Campylobacter nitrofigilis)   | 1            |           |        |
| Arcobacter pacificus                                   | 1            |           | neu    |
| Arcobacter skirrowii                                   | 1            | ht+       |        |
| Arcobacter suis  | 1            |           |        |
| Arcobacter thereius                                    | 2            | ht        | neu    |
| Arcobacter trophiarum                                  | 1            |           | neu    |
| Arcobacter venerupis                                   | 1            |           |        |
| <b>Arcticibacter</b>                                   |              |           |        |
| Arcticibacter eurypsychropilus                         | 1            |           | neu    |
| Arcticibacter pallidicorallinus                        | 1            |           | neu    |
| Arcticibacter svalbardensis                            | 1            |           |        |
| <b>Arcticibacterium</b>                                |              |           |        |
| Arcticibacterium luteifluviistationis                  | 1            |           | neu    |
| <b>Arcticiflavibacter</b>                              |              |           |        |
| Arcticiflavibacter luteus                              | 1            |           | neu    |
| <b>Ardenticatena</b>                                   |              |           |        |
| Ardenticatena maritima                                 | 1            |           |        |
| <b>Arenibacter</b>                                     |              |           |        |
| Arenibacter antarcticus                                | 1            |           | neu    |
| Arenibacter certesii                                   | 1            |           |        |
| Arenibacter echinorum                                  | 1            |           |        |

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|---|--------------|-----------|--------|
| <i>Arenibacter hampyeongensis</i>                         | 1            |           |        |
| <i>Arenibacter latericius</i>                             | 1            |           |        |
| <i>Arenibacter nanhaiticus</i>                            | 1            |           |        |
| <i>Arenibacter palladensis</i>                            | 1            |           |        |
| <i>Arenibacter troitsensis</i>                            | 1            |           |        |
| <b>Arenicella</b>   |              |           |        |
| <i>Arenicella chitinivorans</i>                           | 1            |           |        |
| <i>Arenicella xantha</i>                                  | 1            |           |        |
| <b>Arenimicrobium</b>                                     |              |           |        |
| <i>Arenimicrobium luteum</i>                              | 1            |           | neu    |
| <b>Arenimonas</b>   |              |           |        |
| <i>Arenimonas aestuarii</i>                               | 1            |           | neu    |
| <i>Arenimonas composti</i> ( <i>Aspromonas composti</i> ) | 1            |           |        |
| <i>Arenimonas daechungensis</i>                           | 1            |           |        |
| <i>Arenimonas daejeonensis</i>                            | 1            |           |        |
| <i>Arenimonas donghaensis</i>                             | 1            |           |        |
| <i>Arenimonas malthae</i>                                 | 1            |           |        |
| <i>Arenimonas maotaiensis</i>                             | 1            |           | neu    |
| <i>Arenimonas metalli</i>                                 | 1            |           |        |
| <i>Arenimonas oryziterrae</i>                             | 1            |           |        |
| <i>Arenimonas soli</i>                                    | 1            |           | neu    |
| <i>Arenimonas subflava</i>                                | 1            |           | neu    |
| <i>Arenimonas taoyuanensis</i>                            | 1            |           | neu    |
| <b>Arenitalea</b>   |              |           |        |
| <i>Arenitalea lutea</i>                                   | 1            |           |        |
| <b>Arenivirga</b>   |              |           |        |
| <i>Arenivirga flava</i>                                   | 1            |           | neu    |
| <b>Arhodomonas</b>  |              |           |        |
| <i>Arhodomonas aquaeolei</i>                              | 1            |           |        |
| <b>Aridibacter</b>  |              |           |        |
| <i>Aridibacter famidurans</i>                             | 1            |           |        |
| <i>Aridibacter kavangonensis</i>                          | 1            |           |        |
| <i>Aridibacter nitratireducens</i>                        | 1            |           | neu    |
| <b>Armatimonas</b>  |              |           |        |
| <i>Armatimonas rosea</i>                                  | 1            |           |        |
| <b>Arsenicibacter</b>                                     |              |           |        |
| <i>Arsenicibacter rosenii</i>                             | 1            |           | neu    |
| <b>Arsenicicoccus</b>                                     |              |           |        |
| <i>Arsenicicoccus bolidensis</i>                          | 1            |           |        |
| <i>Arsenicicoccus dermatophilus</i>                       | 2            | t         |        |
| <i>Arsenicicoccus piscis</i>                              | 1            |           |        |
| <b>Arsenicitalea</b>                                      |              |           |        |
| <i>Arsenicitalea aurantiaca</i>                           | 1            |           | neu    |
| <b>Arsenophonus</b>                                       |              |           |        |
| <i>Arsenophonus nasoniae</i>                              | 1            | n         |        |
| <b>Arsukibacterium</b>                                    |              |           |        |

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|---|--------------|-----------|--------|
| Arsukibacterium ikkense   | 1            |           | neu    |
| <b>Arthrobacter</b>   |              |           |        |
| Arthrobacter agilis (Micrococcus agilis)                        | 1            |           |        |
| Arthrobacter albus → Pseudoglutamicibacter albus                |              |           | Umb.   |
| Arthrobacter alkaliphilus                                       | 1            |           |        |
| Arthrobacter alpinus  | 1            |           |        |
| Arthrobacter antarcticus → Paeniglutamicibacter antarcticus     |              |           | Umb.   |
| Arthrobacter ardleyensis → Glutamicibacter ardleyensis          |              |           | Umb.   |
| Arthrobacter arilaitensis → Glutamicibacter arilaitensis        |              |           | Umb.   |
| Arthrobacter atrocyaneus → Sinomonas atrocyanea                 |              |           |        |
| Arthrobacter aurescens → Paenarthrobacter aurescens             |              |           | Umb.   |
| Arthrobacter bambusae   | 1            |           | neu    |
| Arthrobacter bergerei → Glutamicibacter bergerei                |              |           | Umb.   |
| Arthrobacter castelli   | 1            |           |        |
| Arthrobacter chlorophenicus → Pseudarthrobacter chlorophenicus  |              |           | Umb.   |
| Arthrobacter citreus  | 1            |           |        |
| Arthrobacter creatinolyticus → Glutamicibacter creatinolyticus  |              |           | Umb.   |
| Arthrobacter cryoconiti   | 1            |           |        |
| Arthrobacter cryotolerans → Paeniglutamicibacter cryotolerans   |              |           | Umb.   |
| Arthrobacter crystallopoietes                                   | 1            |           |        |
| Arthrobacter cumminsii → Pseudoglutamicibacter cumminsii        |              |           | Umb.   |
| Arthrobacter cupressi   | 1            |           |        |
| Arthrobacter defluvii → Pseudarthrobacter defluvii              |              |           | Umb.   |
| Arthrobacter deserti  | 1            |           | neu    |
| Arthrobacter duodecadis → Tetrasphaera duodecadis               |              |           |        |
| Arthrobacter echini   | 1            |           | neu    |
| Arthrobacter enclensis  | 1            |           | neu    |
| Arthrobacter endophyticus                                       | 1            |           | neu    |
| Arthrobacter equi → Pseudarthrobacter equi                      |              |           | Umb.   |
| Arthrobacter flavescens → Microbacterium flavescens             |              |           |        |
| Arthrobacter flavus   | 1            |           |        |
| Arthrobacter gandavensis  | 2            | t         |        |
| Arthrobacter gangotriensis → Paeniglutamicibacter gangotriensis |              |           | Umb.   |
| Arthrobacter ginkgonis  | 1            |           | neu    |
| Arthrobacter globiformis  | 1            |           |        |
| Arthrobacter gyeryongensis                                      | 1            |           |        |
| Arthrobacter halodurans   | 1            |           |        |
| Arthrobacter histidinolorans → Paenarthrobacter histidinolorans |              |           | Umb.   |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| <i>Arthrobacter humicola</i>  | 1            |           |        |
| <i>Arthrobacter ilicis</i> → <i>Paenarthrobacter ilicis</i>                           |              |           | Umb.   |
| <i>Arthrobacter kerguelensis</i> → <i>Paeniglutamicibacter kerguelensis</i>           |              |           | Umb.   |
| <i>Arthrobacter koreensis</i>   | 1            |           |        |
| <i>Arthrobacter livingstonensis</i>   | 1            |           |        |
| <i>Arthrobacter luteolus</i>  | 2            |           |        |
| <i>Arthrobacter methylophilus</i>   | 1            |           |        |
| <i>Arthrobacter monumenti</i>   | 1            |           |        |
| <i>Arthrobacter mysorens</i> → <i>Glutamicibacter mysorens</i>                        |              |           | Umb.   |
| <i>Arthrobacter nanjingensis</i>  | 1            |           | neu    |
| <i>Arthrobacter nasiphocae</i>  | 1            |           | neu    |
| <i>Arthrobacter nicotianae</i> → <i>Glutamicibacter nicotianae</i>                    |              |           | Umb.   |
| <i>Arthrobacter nicotinovorans</i> → <i>Paenarthrobacter nicotinovorans</i>           |              |           | Umb.   |
| <i>Arthrobacter niigatensis</i> → <i>Pseudarthrobacter niigatensis</i>                |              |           | Umb.   |
| <i>Arthrobacter nitroguajacolicus</i> → <i>Paenarthrobacter nitroguajacolicus</i>     |              |           | Umb.   |
| <i>Arthrobacter oryzae</i>  | 1            |           |        |
| <i>Arthrobacter oxydans</i> → <i>Pseudarthrobacter oxydans</i>                        |              |           | Umb.   |
| <i>Arthrobacter paludis</i>   | 1            |           | neu    |
| <i>Arthrobacter parietis</i>  | 1            |           |        |
| <i>Arthrobacter pascens</i>   | 1            |           |        |
| <i>Arthrobacter phenanthrenivorans</i> → <i>Pseudarthrobacter phenanthrenivorans</i>  |              |           | Umb.   |
| <i>Arthrobacter picolinophilus</i> → <i>Rhodococcus erythropolis</i>                  |              |           |        |
| <i>Arthrobacter pigmenti</i>  | 1            |           |        |
| <i>Arthrobacter pityocampae</i>   | 1            |           | neu    |
| <i>Arthrobacter pokkali</i>   | 1            |           | neu    |
| <i>Arthrobacter polychromogenes</i> → <i>Pseudarthrobacter polychromogenes</i>        |              |           | Umb.   |
| <i>Arthrobacter protophormiae</i> → <i>Glutamicibacter protophormiae</i>              |              |           | Umb.   |
| <i>Arthrobacter psychrochitiniphilus</i>  | 1            |           |        |
| <i>Arthrobacter psychrolactophilus</i>  | 1            |           |        |
| <i>Arthrobacter psychrophenolicus</i> → <i>Paeniglutamicibacter psychrophenolicus</i> |              |           | Umb.   |
| <i>Arthrobacter radiotolerans</i> → <i>Rubrobacter radiotolerans</i>                  |              |           |        |
| <i>Arthrobacter ramosus</i>   | 1            |           |        |
| <i>Arthrobacter rhombi</i>  | 1            |           |        |
| <i>Arthrobacter roseus</i>  | 1            |           |        |
| <i>Arthrobacter russicus</i>  | 1            |           |        |
| <i>Arthrobacter sanguinis</i> → <i>Haematomicrobium sanguinis</i>                     |              |           | Umb.   |
| <i>Arthrobacter scleromae</i> → <i>Pseudarthrobacter scleromae</i>                    |              |           | Umb.   |

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|--|--------------|-----------|--------|
| Arthrobacter siccitolerans → Pseudarthrobacter siccitolerans                 |              |           | Umb.   |
| Arthrobacter siderocapsulatus – synonym: Pseudomonas putida                  |              |           |        |
| Arthrobacter silviterrae   | 1            |           | neu    |
| Arthrobacter simplex → Nocardioides simplex                                  |              |           |        |
| Arthrobacter soli → Glutamicibacter soli                                     |              |           | Umb.   |
| Arthrobacter stackebrandtii  | 1            |           |        |
| Arthrobacter subterraneus  | 1            |           |        |
| Arthrobacter sulfonivorans → Pseudarthrobacter sulfonivorans                 |              |           | Umb.   |
| Arthrobacter sulfureus → Paeniglutamicibacter sulfureus                      |              |           | Umb.   |
| Arthrobacter tecti   | 1            |           |        |
| Arthrobacter terregens → Microbacterium terregens                            |              |           |        |
| Arthrobacter tumbae  | 1            |           |        |
| Arthrobacter tumescens → Terrabacter tumescens                               |              |           |        |
| Arthrobacter uratoxydans → Glutamicibacter uratoxydans                       |              |           | Umb.   |
| Arthrobacter ureafaciens → Paenarthrobacter ureafaciens                      |              |           | Umb.   |
| Arthrobacter variabilis → Corynebacterium variabile                          |              |           |        |
| Arthrobacter viscosus → Rhizobium viscosum                                   |              |           | Umb.   |
| Arthrobacter woluwensis  | 2            |           |        |
| <b>Arvibacter</b>  |              |           |        |
| Arvibacter flaviflagrans   | 1            |           | neu    |
| <b>Asaccharobacter</b>   |              |           |        |
| Asaccharobacter celatus  | 1            |           |        |
| <b>Asaccharospora</b>  |              |           |        |
| Asaccharospora irregularis (Clostridium irregulare, Clostridium irregularis) | 1            |           |        |
| <b>Asaia</b>   |              |           |        |
| Asaia astilbis   | 1            |           |        |
| Asaia bogorensis   | 1            | +         |        |
| Asaia krungthepensis   | 1            |           |        |
| Asaia lannensis  | 1            |           |        |
| Asaia platycodi  | 1            |           |        |
| Asaia prunellae  | 1            |           |        |
| Asaia siamensis  | 1            |           |        |
| Asaia spathodeae   | 1            |           |        |
| <b>Asanoa</b>  |              |           |        |
| Asanoa endophytica   | 1            |           | neu    |
| Asanoa ferruginea (Catellatospora ferruginea)                                | 1            |           |        |
| Asanoa hainanensis   | 1            |           |        |
| Asanoa iriomotensis  | 1            |           |        |
| Asanoa ishikariensis   | 1            |           |        |
| Asanoa siamensis   | 1            |           |        |

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|--|--------------|-----------|--------|
| <b>Asciaceihabitans</b>  |              |           |        |
| Asciaceihabitans donghaensis   | 1            |           | neu    |
| <b>Asciimonas</b>  |              |           |        |
| Asciimonas aurantiaca  | 1            |           | neu    |
| <b>Asinibacterium</b>  |              |           |        |
| Asinibacterium lactis  | 1            |           |        |
| <b>Asprobacter</b>   |              |           |        |
| Asprobacter aquaticus  | 1            |           | neu    |
| <b>Aspromonas → Arenimonas</b>   |              |           |        |
| Aspromonas composti → Arenimonas composti                                |              |           |        |
| <b>Asteroleplasma</b>  |              |           |        |
| Asteroleplasma anaerobium  | 1            |           |        |
| <b>Asticcacaulis</b>   |              |           |        |
| Asticcacaulis benevestitus   | 1            |           |        |
| Asticcacaulis biprosthecum   | 1            |           |        |
| Asticcacaulis endophyticus   | 1            |           | neu    |
| Asticcacaulis excentricus  | 1            |           |        |
| Asticcacaulis solisilvae   | 1            |           |        |
| Asticcacaulis taihuensis   | 1            |           |        |
| <b>Athalassotoga</b>   |              |           |        |
| Athalassotoga saccharophila  | 1            |           | neu    |
| <b>Atopobacter</b>   |              |           |        |
| Atopobacter phocae   | 1            | t+        |        |
| <b>Atopobium</b>   |              |           |        |
| Atopobium deltae   | 2            |           | neu    |
| Atopobium fossor (Eubacterium fossor)                                    | 2            | t         |        |
| Atopobium minutum (Lactobacillus minutus)                                | 2            |           |        |
| Atopobium parvulum (Peptostreptococcus parvulus, Streptococcus parvulus) | 2            |           |        |
| Atopobium rimae (Lactobacillus rimae)                                    | 2            |           |        |
| Atopobium vaginae  | 2            |           |        |
| <b>Atopococcus</b>   |              |           |        |
| Atopococcus tabaci   | 1            |           |        |
| <b>Atopostipes</b>   |              |           |        |
| Atopostipes suicloacalis   | 1            |           |        |
| <b>Aurantiacicella</b>   |              |           |        |
| Aurantiacicella marina   | 1            |           | neu    |
| <b>Aurantimicrobium</b>  |              |           |        |
| Aurantimicrobium minutum   | 1            |           | neu    |
| <b>Aurantimonas</b>  |              |           |        |
| Aurantimonas aggregata   | 1            |           | neu    |
| Aurantimonas altamirensis → Aureimonas altamirensis                      |              |           |        |
| Aurantimonas coralicida  | 1            | n         |        |
| Aurantimonas endophytica   | 1            |           | neu    |
| Aurantimonas frigidaquae → Aureimonas frigidaquae                        |              |           |        |



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| <i>Aurantimonas litoralis</i>   | 1            |           |        |
| <i>Aurantimonas manganoxydans</i>   | 1            |           |        |
| <i>Aurantimonas ureilytica</i> → <i>Aureimonas ureilytica</i>                                 |              |           |        |
| <b>Aurantivirga</b>   |              |           |        |
| <i>Aurantivirga profunda</i>  | 1            |           | neu    |
| <b>Auraticoccus</b>   |              |           |        |
| <i>Auraticoccus monumenti</i>   | 1            |           |        |
| <b>Aureibacillus</b>  |              |           |        |
| <i>Aureibacillus halotolerans</i>   | 1            |           | neu    |
| <b>Aureibacter</b>  |              |           |        |
| <i>Aureibacter tunicatorum</i>  | 1            |           |        |
| <b>Aureicoccus</b>  |              |           |        |
| <i>Aureicoccus marinus</i>  | 1            |           |        |
| <b>Aureimonas</b>   |              |           |        |
| <i>Aureimonas altamirensis</i> ( <i>Aurantimonas altamirensis</i> )                           | 1            |           |        |
| <i>Aureimonas endophytica</i>   | 1            |           | neu    |
| <i>Aureimonas ferruginea</i>  | 1            |           |        |
| <i>Aureimonas frigidaquae</i> ( <i>Aurantimonas frigidaquae</i> )                             | 1            |           |        |
| <i>Aureimonas galii</i>   | 1            |           | neu    |
| <i>Aureimonas glaciei</i>   | 1            |           | neu    |
| <i>Aureimonas glaciistagni</i>  | 1            |           | neu    |
| <i>Aureimonas jatrophae</i>   | 1            |           |        |
| <i>Aureimonas phyllosphaerae</i>  | 1            |           |        |
| <i>Aureimonas pseudogalii</i>   | 1            |           | neu    |
| <i>Aureimonas rubiginis</i>   | 1            |           |        |
| <i>Aureimonas ureilytica</i> ( <i>Aurantimonas ureilytica</i> )                               | 1            |           |        |
| <b>Aureisphaera</b>   |              |           |        |
| <i>Aureisphaera galaxae</i>   | 1            |           | neu    |
| <i>Aureisphaera salina</i>  | 1            |           | neu    |
| <b>Aureispira</b>   |              |           |        |
| <i>Aureispira marina</i>  | 1            |           |        |
| <i>Aureispira maritima</i>  | 1            |           |        |
| <b>Aureitalea</b>   |              |           |        |
| <i>Aureitalea marina</i>  | 1            |           |        |
| <b>Aureivirga</b>   |              |           |        |
| <i>Aureivirga marina</i>  | 1            |           |        |
| <b>Aureobacterium</b> → <b>Microbacterium</b>   |              |           |        |
| <i>Aureobacterium arabinogalactanolyticum</i> → <i>Microbacterium arabinogalactanolyticum</i> |              |           |        |
| <i>Aureobacterium barkeri</i> → <i>Microbacterium barkeri</i>                                 |              |           |        |
| <i>Aureobacterium esteraromaticum</i> → <i>Microbacterium esteraromaticum</i>                 |              |           |        |
| <i>Aureobacterium flavescens</i> → <i>Microbacterium flavescens</i>                           |              |           |        |
| <i>Aureobacterium keratanolyticum</i> → <i>Microbacterium keratanolyticum</i>                 |              |           |        |

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|---|--------------|-----------|--------|
| Aureobacterium liquefaciens → Microbacterium liquefaciens                           |              |           |        |
| Aureobacterium luteolum → Microbacterium luteolum                                   |              |           |        |
| Aureobacterium resistens → Microbacterium resistens                                 |              |           |        |
| Aureobacterium saperdae → Microbacterium saperdae                                   |              |           |        |
| Aureobacterium schleiferi → Microbacterium schleiferi                               |              |           |        |
| Aureobacterium terrae → Microbacterium terrae                                       |              |           |        |
| Aureobacterium terregens → Microbacterium terregens                                 |              |           |        |
| Aureobacterium testaceum → Microbacterium testaceum                                 |              |           |        |
| Aureobacterium trichothecenolyticum → Microbacterium trichothecenolyticum           |              |           |        |
| <b>Auricoccus</b>   |              |           |        |
| Auricoccus indicus  | 1            |           | neu    |
| <b>Auritidibacter</b>   |              |           |        |
| Auritidibacter ignavus  | 1            | +         |        |
| <b>Austwickia</b>   |              |           |        |
| Austwickia chelonae (Dermatophilus chelonae)  | 2            | t         |        |
| <b>Avibacterium</b>   |              |           |        |
| Avibacterium avium (Pasteurella avium, Haemophilus avium)                           | 2            | t         |        |
| Avibacterium endocarditidis   | 2            | t         |        |
| Avibacterium gallinarum (Pasteurella gallinarum)                                    | 2            | ht        |        |
| Avibacterium paragallinarum (Haemophilus paragallinarum)                            | 2            | t         |        |
| Avibacterium volantium (Pasteurella volantium)                                      | 1            | t+        |        |
| <b>Azoarcus</b>   |              |           |        |
| Azoarcus anaerobius   | 1            |           |        |
| Azoarcus communis   | 1            |           |        |
| Azoarcus evansii  | 1            |           |        |
| Azoarcus indigens   | 1            |           |        |
| Azoarcus olearius   | 1            |           |        |
| Azoarcus toluclasticus  | 1            |           |        |
| Azoarcus tolulyticus  | 1            |           |        |
| Azoarcus toluvorans   | 1            |           |        |
| <b>Azohydromonas</b>  |              |           |        |
| Azohydromonas australica  | 1            |           |        |
| Azohydromonas lata (Alcaligenes latus)  | 1            |           |        |
| Azohydromonas riparia   | 1            |           | neu    |
| Azohydromonas ureilytica  | 1            |           | neu    |
| <b>Azomonas</b>   |              |           |        |
| Azomonas agilis   | 1            |           |        |
| Azomonas insignis   | 1            |           |        |
| Azomonas macrocytogenes (Azomonotrichon macrocytogenes, Azotobacter macrocytogenes) | 1            |           |        |
| <b>Azomonotrichon → Azomonas</b>  |              |           |        |

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|---|--------------|-----------|--------|
| Azomonotrichon macrocytogenes → Azomonas macrocytogenes                     |              |           |        |
| <b>Azonexus</b>   |              |           |        |
| Azonexus caeni  | 1            |           |        |
| Azonexus fungiphilus  | 1            |           |        |
| Azonexus hydrophilus  | 1            |           |        |
| <b>Azorhizobium</b>   |              |           |        |
| Azorhizobium caulinodans  | 1            |           |        |
| Azorhizobium doebereinae  | 1            |           |        |
| Azorhizobium oxalatifilum   | 1            |           |        |
| <b>Azorhizophilus</b>   |              |           |        |
| Azorhizophilus paspali (Azotobacter paspali)                                | 1            |           |        |
| <b>Azospira</b>   |              |           |        |
| Azospira oryzae   | 1            |           |        |
| Azospira restricta  | 1            |           |        |
| <b>Azospirillum</b>   |              |           |        |
| Azospirillum agricola   | 1            |           | neu    |
| Azospirillum amazonense → Nitrospirillum amazonense                         |              |           | Umb.   |
| Azospirillum brasilense   | 1            |           |        |
| Azospirillum canadense  | 1            |           |        |
| Azospirillum doebereinae  | 1            |           |        |
| Azospirillum fermentarium   | 1            |           |        |
| Azospirillum formosense   | 1            |           |        |
| Azospirillum halopraeferens   | 1            |           |        |
| Azospirillum humicireducens   | 1            |           |        |
| Azospirillum irakense → Niveispirillum irakense                             |              |           | Umb.   |
| Azospirillum largimobile (Conglomeromonas largomobilis subsp. largomobilis) | 1            |           |        |
| Azospirillum lipoferum  | 1            |           |        |
| Azospirillum melinis  | 1            |           |        |
| Azospirillum oryzae   | 1            |           |        |
| Azospirillum picis  | 1            |           |        |
| Azospirillum rugosum  | 1            |           |        |
| Azospirillum soli   | 1            |           | neu    |
| Azospirillum thiophilum   | 1            |           |        |
| Azospirillum zeae   | 1            |           |        |
| <b>Azotobacter</b>  |              |           |        |
| Azotobacter armeniacus  | 1            |           |        |
| Azotobacter beijerinckii  | 1            |           |        |
| Azotobacter chroococcum   | 1            |           |        |
| Azotobacter macrocytogenes → Azomonas macrocytogenes                        |              |           |        |
| Azotobacter nigricans subsp. achromogenes                                   | 1            |           |        |
| Azotobacter nigricans subsp. nigricans                                      | 1            |           |        |
| Azotobacter paspali → Azorhizophilus paspali                                |              |           |        |
| Azotobacter salinestrus   | 1            |           |        |
| Azotobacter vinelandii  | 1            |           |        |

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| Spezies  | Risikogruppe | Bemerkung      | Status      |
|--|--------------|----------------|-------------|
| <b>Azovibrio</b>   |              |                |             |
| Azovibrio restrictus   | 1            |                |             |
| <b>Bacillus</b>  |              |                |             |
| Bacillus abyssalis   | 1            |                |             |
| Bacillus acidiceler  | 1            |                |             |
| Bacillus acidicola   | 1            |                |             |
| Bacillus acidiproducens  | 1            |                |             |
| Bacillus acidocaldarius → Alicyclobacillus acidocaldarius subsp. acidocaldarius  |              |                |             |
| Bacillus acidoterrestris → Alicyclobacillus acidoterrestris                      |              |                |             |
| Bacillus aeolius   | 1            |                |             |
| Bacillus aerius  | 1            |                |             |
| Bacillus aerophilus  | 1            |                |             |
| Bacillus agaradhaerens → Salipaludibacillus agaradhaerens                        |              |                | Umb.        |
| Bacillus agri → Brevibacillus agri   |              |                |             |
| Bacillus aidingensis   | 1            |                |             |
| Bacillus akibai  | 1            |                |             |
| Bacillus albus   | 1            |                | neu         |
| Bacillus alcalophilus  | 1            |                |             |
| Bacillus algicola  | 1            |                |             |
| Bacillus alginolyticus → Paenibacillus alginolyticus                             |              |                |             |
| Bacillus alkalidiazotrophicus → Anaerobacillus alkalidiazotrophicus              |              |                |             |
| Bacillus alkalinitrilicus  | 1            |                |             |
| Bacillus alkalisediminis   | 1            |                |             |
| Bacillus alkalitelluris  | 1            |                |             |
| Bacillus altitudinis   | 1            |                |             |
| Bacillus alveayuensis  | 1            |                |             |
| Bacillus alvei → Paenibacillus alvei   |              |                |             |
| Bacillus amyloliquefaciens (Bacillus amyloliquefaciens subsp. amyloliquefaciens) | 1            |                | Umb.        |
| Bacillus amyloliquefaciens subsp. amyloliquefaciens → Bacillus amyloliquefaciens |              |                | Umb.        |
| Bacillus amyloliquefaciens subsp. plantarum – synonym: Bacillus methylotrophicus |              |                | Umb.        |
| Bacillus amyloliquefaciens subsp. plantarum – synonym: Bacillus velezensis       |              |                | Umb.        |
| Bacillus amyolyticus → Paenibacillus amyolyticus                                 |              |                |             |
| Bacillus andreesenii   | 1            |                |             |
| Bacillus aneurinilyticus → Aneurinibacillus aneurinilyticus                      |              |                |             |
| <b>Bacillus anthracis</b>  | <b>3</b>     | <b>T, V, Z</b> | <b>Bem.</b> |
| Bacillus aquimaris   | 1            |                |             |
| Bacillus arenosi → Viridibacillus arenosi  |              |                |             |
| Bacillus arseniciselenatis → Anaerobacillus arseniciselenatis                    |              |                |             |
| Bacillus arsenicus → Fictibacillus arsenicus                                     |              |                |             |

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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| Bacillus arvi → Viridibacillus arvi                    |              |           |        |
| Bacillus aryabhatai                                    | 1            |           |        |
| Bacillus asahii  | 1            |           |        |
| Bacillus atrophaeus                                    | 1            |           | Bem.   |
| Bacillus aurantiacus                                   | 1            |           |        |
| Bacillus australimaris                                 | 1            |           | neu    |
| Bacillus axarquiensis – synonym: Bacillus halotolerans |              |           | Umb.   |
| Bacillus azotofixans → Paenibacillus azotofixans       |              |           |        |
| Bacillus azotoformans                                  | 1            |           |        |
| Bacillus badius  | 1            |           |        |
| Bacillus barbaricus → Fictibacillus barbaricus         |              |           |        |
| Bacillus bataviensis                                   | 1            |           |        |
| Bacillus beijingensis → Bhargavaea beijingensis        |              |           |        |
| Bacillus benzoovorans                                  | 1            |           |        |
| Bacillus beringensis                                   | 1            |           |        |
| Bacillus berkeleyi                                     | 1            |           |        |
| Bacillus beveridgei                                    | 1            |           |        |
| Bacillus bogoriensis                                   | 1            |           |        |
| Bacillus boroniphilus                                  | 1            |           |        |
| Bacillus borstelensis → Brevibacillus borstelensis     |              |           |        |
| Bacillus brevis → Brevibacillus brevis                 |              |           |        |
| Bacillus butanolivorans                                | 1            |           |        |
| Bacillus campisalis                                    | 1            |           | neu    |
| Bacillus canaveralius                                  | 1            |           |        |
| Bacillus capparidis                                    | 1            |           | neu    |
| Bacillus carboniphilus                                 | 1            |           |        |
| Bacillus caseinilyticus                                | 1            |           | neu    |
| Bacillus cavernae                                      | 1            |           | neu    |
| Bacillus cecembensis                                   | 1            |           |        |
| Bacillus cellulosilyticus                              | 1            |           |        |
| Bacillus centrosporus → Brevibacillus centrosporus     |              |           |        |
| Bacillus cereus  | 2            | T, TA     |        |
| Bacillus cereus biovar anthracis                       | 3            |           | neu    |
| Bacillus chagannorensis                                | 1            |           |        |
| Bacillus chitinolyticus → Paenibacillus chitinolyticus |              |           |        |
| Bacillus chondroitinus → Paenibacillus chondroitinus   |              |           |        |
| Bacillus choshinensis → Brevibacillus choshinensis     |              |           |        |
| Bacillus chungangensis                                 | 1            |           |        |
| Bacillus cibi – synonym: Bacillus indicus              |              |           | Umb.   |
| Bacillus ciccensis                                     | 1            |           | neu    |
| Bacillus circulans                                     | 1            | +         |        |
| Bacillus clarkii                                       | 1            |           |        |
| Bacillus clausii                                       | 1            |           |        |

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| Spezies  | Risikogruppe | Bemerkung | Status    |
|--|--------------|-----------|-----------|
| <i>Bacillus coagulans</i>  | 1            | +         |           |
| <i>Bacillus coahuilensis</i>   | 1            |           |           |
| <i>Bacillus cohnii</i>   | 1            |           |           |
| <i>Bacillus composti</i>   | 1            |           |           |
| <i>Bacillus crassostreae</i>   | 1            |           | neu       |
| <i>Bacillus crescens</i>   | 1            |           | neu       |
| <i>Bacillus cucumis</i>  | 1            |           | neu       |
| <i>Bacillus curdlanolyticus</i> → <i>Paenibacillus curdla-</i><br><i>nolyticus</i>           |              |           |           |
| <i>Bacillus cycloheptanicus</i> → <i>Alicyclobacillus cyclo-</i><br><i>heptanicus</i>        |              |           |           |
| <i>Bacillus cytotoxicus</i>  | 1            | +         |           |
| <i>Bacillus daliensis</i>  | 1            |           |           |
| <i>Bacillus decisifrondis</i>  | 1            |           |           |
| <i>Bacillus decolorationis</i>   | 1            |           |           |
| <i>Bacillus depressus</i>  | 1            |           | neu       |
| <i>Bacillus deserti</i>  | 1            |           |           |
| <i>Bacillus dipsosauri</i> → <i>Gracilibacillus dipsosauri</i>                               |              |           |           |
| <i>Bacillus drementensis</i>   | 1            |           |           |
| <i>Bacillus ectoiniformans</i>   | 1            |           | neu       |
| <i>Bacillus edaphicus</i> → <i>Paenibacillus edaphicus</i>                                   |              |           |           |
| <i>Bacillus ehimensis</i> → <i>Paenibacillus ehimensis</i>                                   |              |           |           |
| <i>Bacillus eiseniae</i>   | 1            |           |           |
| <i>Bacillus encimensis</i> – synonym: <i>Bacillus badius</i>                                 |              |           | neu, Umb. |
| <i>Bacillus enclensis</i>  | 1            |           |           |
| <i>Bacillus endolithicus</i>   | 1            |           | neu       |
| <i>Bacillus endophyticus</i>   | 1            |           |           |
| <i>Bacillus endoradicis</i>  | 1            |           |           |
| <i>Bacillus endozanthoxylicus</i>  | 1            |           | neu       |
| <i>Bacillus farraginis</i>   | 1            |           |           |
| <i>Bacillus fastidiosus</i>  | 1            |           |           |
| <i>Bacillus fengquensis</i>  | 1            |           | neu       |
| <i>Bacillus filamentosus</i>   | 1            |           | neu       |
| <i>Bacillus firmus</i>   | 1            |           |           |
| <i>Bacillus flexus</i>   | 1            |           |           |
| <i>Bacillus foraminis</i>  | 1            |           |           |
| <i>Bacillus fordii</i>   | 1            |           |           |
| <i>Bacillus formosensis</i>  | 1            |           | neu       |
| <i>Bacillus formosus</i> → <i>Brevibacillus formosus</i>                                     |              |           |           |
| <i>Bacillus fortis</i>   | 1            |           |           |
| <i>Bacillus fumarioli</i>  | 1            |           |           |
| <i>Bacillus funiculus</i>  | 1            |           |           |
| <i>Bacillus fusiformis</i> → <i>Lysinibacillus fusiformis</i>                                |              |           |           |
| <i>Bacillus galactophilus</i> – synonym: <i>Bacillus agri</i> →<br><i>Brevibacillus agri</i> |              |           |           |
| <i>Bacillus galactosidilyticus</i>   | 1            |           |           |
| <i>Bacillus galliensis</i>   | 1            |           |           |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| Bacillus gelatini → Fictibacillus gelatini                      |              |           |        |
| Bacillus gibsonii   | 1            |           |        |
| Bacillus ginsengi → Bhargavaea ginsengi                         |              |           |        |
| Bacillus ginsengihumi   | 1            |           |        |
| Bacillus ginsengisoli   | 1            |           |        |
| Bacillus globisporus subsp. marinus → Jeotgali-bacillus marinus |              |           |        |
| Bacillus globisporus subsp. marinus → Marini-bacillus marinus   |              |           |        |
| Bacillus globisporus → Sporosarcina globispora                  |              |           |        |
| Bacillus glucoanolyticus → Paenibacillus glucoanolyticus        |              |           |        |
| Bacillus glycinifermentans                                      | 1            |           | neu    |
| Bacillus gobiensis  | 1            |           | neu    |
| Bacillus gordonae → Paenibacillus validus                       |              |           |        |
| Bacillus gossypii   | 1            |           | neu    |
| Bacillus gottheilii   | 1            |           |        |
| Bacillus graminis   | 1            |           |        |
| Bacillus halmapalus   | 1            |           |        |
| Bacillus haloalkaliphilus → Alkalibacillus haloalkaliphilus     |              |           |        |
| Bacillus halochares → Salibacterium halochares                  |              |           | Umb.   |
| Bacillus halodenitrificans → Virgibacillus halodenitrificans    |              |           |        |
| Bacillus halodurans („Bacillus alcalophilus subsp. halodurans“) | 1            |           |        |
| Bacillus halophilus → Salimicrobium halophilum                  |              |           |        |
| Bacillus halosaccharovorans                                     | 1            |           |        |
| Bacillus halotolerans (Brevibacterium halotolerans)             | 1            |           | Umb.   |
| Bacillus haynesii   | 1            |           | neu    |
| Bacillus hemicellulosilyticus                                   | 1            |           |        |
| Bacillus hemicentroti   | 1            |           |        |
| Bacillus herbersteinensis                                       | 1            |           |        |
| Bacillus hisashii   | 1            |           | neu    |
| Bacillus horikoshii   | 1            |           |        |
| Bacillus horneckiae   | 1            |           |        |
| Bacillus horti  | 1            |           |        |
| Bacillus huizhouensis   | 1            |           | neu    |
| Bacillus humi   | 1            |           |        |
| Bacillus hwajinpoensis  | 1            |           |        |
| Bacillus idriensis  | 1            | +         | neu    |
| Bacillus indicus  | 1            |           |        |
| Bacillus infantis   | 1            | +         | neu    |
| Bacillus infernus   | 1            |           |        |
| Bacillus insolitus → Psychrobacillus insolitus                  |              |           |        |
| Bacillus invictae – synonym: Bacillus altitudinis               |              |           | Umb.   |
| Bacillus iocasae  | 1            |           | neu    |
| Bacillus iranensis → Alteribacillus iranensis                   |              |           | Umb.   |

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|---|--------------|-----------|--------|
| Bacillus isabelliae                                       | 1            |           |        |
| Bacillus isronensis → Solibacillus isronensis             |              |           | Umb.   |
| Bacillus jeddahensis                                      | 1            |           | neu    |
| Bacillus jeotgali   | 1            |           |        |
| Bacillus kaustophilus → Geobacillus kaustophilus          |              |           |        |
| Bacillus kiskunsagensis                                   | 1            |           | neu    |
| Bacillus kobensis → Paenibacillus kobensis                |              |           |        |
| Bacillus kochii   | 1            |           |        |
| Bacillus kokeshiiformis                                   | 1            |           | neu    |
| Bacillus koreensis  | 1            |           |        |
| Bacillus korlensis  | 1            |           |        |
| Bacillus kribbensis                                       | 1            |           |        |
| Bacillus krulwichiae                                      | 1            |           |        |
| Bacillus laevolacticus → Sporolactobacillus laevolacticus |              |           |        |
| Bacillus larvae → Paenibacillus larvae                    |              |           |        |
| Bacillus laterosporus → Brevibacillus latero-sporus       |              |           |        |
| Bacillus lautus → Paenibacillus lautus                    |              |           |        |
| Bacillus lehensis   | 1            |           |        |
| Bacillus lentimorbus → Paenibacillus lentimorbus          |              |           |        |
| Bacillus lentus   | 1            |           |        |
| Bacillus licheniformis                                    | 1            | +         |        |
| Bacillus ligniniphilus                                    | 1            |           |        |
| Bacillus lindianensis                                     | 1            |           | neu    |
| Bacillus litoralis  | 1            |           |        |
| Bacillus locisalis → Salisediminibacterium locisalis      |              |           | Umb.   |
| Bacillus loiseleuriae                                     | 1            |           | neu    |
| Bacillus lonarensis                                       | 1            |           | neu    |
| Bacillus luciferensis                                     | 1            |           |        |
| Bacillus luteolus   | 1            |           |        |
| Bacillus luteus   | 1            |           |        |
| Bacillus lycopersici                                      | 1            |           | neu    |
| Bacillus macauensis → Fictibacillus macauensis            |              |           |        |
| Bacillus macerans → Paenibacillus macerans                |              |           |        |
| Bacillus macquariensis → Paenibacillus macquariensis      |              |           |        |
| Bacillus macyae → Anaerobacillus macyae                   |              |           |        |
| Bacillus malacitensis – synonym: Bacillus halotolerans    |              |           | Umb.   |
| Bacillus malikii  | 1            |           | neu    |
| Bacillus mangrovi   | 1            |           | neu    |
| Bacillus mannilyticus                                     | 1            |           |        |
| Bacillus marinisedimentorum                               | 1            |           | neu    |
| Bacillus marinus → Jeotgalibacillus marinus               |              |           |        |
| Bacillus marisflavi                                       | 1            |           |        |
| Bacillus marismortui → Virgibacillus marismortui          |              |           |        |



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|--|--------------|-----------|--------------|
| Bacillus maritimus                                       | 1            |           | neu          |
| Bacillus marmarensis                                     | 1            |           |              |
| Bacillus massiliensis → Lysinibacillus massiliensis      |              |           |              |
| Bacillus massilosenegalensis                             | 1            |           | neu          |
| Bacillus megaterium                                      | 1            | +         |              |
| Bacillus mesonae   | 1            |           | neu          |
| Bacillus mesophilus                                      | 1            |           | neu          |
| Bacillus methanolicus                                    | 1            |           |              |
| Bacillus methylotrophicus – synonym: Bacillus velezensis |              |           | Umb.         |
| Bacillus migulanus → Aneurinibacillus migulanus          |              |           |              |
| Bacillus mobilis   | 1            |           | neu          |
| Bacillus mojavensis                                      | 1            |           |              |
| Bacillus mucilaginosus → Paenibacillus mucilaginosus     |              |           |              |
| Bacillus muralis   | 1            |           |              |
| Bacillus murimartini                                     | 1            |           |              |
| Bacillus mycoides <sup>3</sup>                           | 2            |           | Einst., Umb. |
| Bacillus naganoensis → Pullulanibacillus naganoensis     |              |           |              |
| Bacillus nakamurai                                       | 1            |           | neu          |
| Bacillus nanhaiensis → Fictibacillus nanhaiensis         |              |           |              |
| Bacillus nanhaiisediminis                                | 1            |           |              |
| Bacillus ndiopicus                                       | 1            |           | neu          |
| Bacillus nealsonii                                       | 1            |           |              |
| Bacillus neidei → Viridibacillus neidei                  |              |           |              |
| Bacillus neizhouensis → Salipaludibacillus neizhouensis  |              |           | Umb.         |
| Bacillus niabensis                                       | 1            |           |              |
| Bacillus niacini   | 1            |           |              |
| Bacillus nitratireducens                                 | 1            |           | neu          |
| Bacillus notoginsengisoli                                | 1            |           | neu          |
| Bacillus novalis   | 1            |           |              |
| Bacillus oceani  | 1            |           | neu          |
| Bacillus oceanisediminis                                 | 1            |           |              |
| Bacillus odysseyi → Lysinibacillus odysseyi              |              |           |              |
| Bacillus okhensis  | 1            |           |              |
| Bacillus okuhidensis                                     | 1            |           |              |
| Bacillus oleivorans                                      | 1            |           | neu          |
| Bacillus oleronius                                       | 1            |           |              |
| Bacillus oryzaecorticis                                  | 1            |           | neu          |
| Bacillus oryzisoli                                       | 1            |           | neu          |
| Bacillus oryziterrae                                     | 1            |           | neu          |
| Bacillus oshimensis                                      | 1            |           |              |
| Bacillus pabuli → Paenibacillus pabuli                   |              |           |              |

<sup>3</sup> Die Spezies Bacillus mycoides umfasst ebenfalls alle Stämme der Spezies Bacillus weihenstephanensis (Risikogruppe 2).

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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| Bacillus pacificus   | 1            |           | neu    |
| Bacillus pakistanensis                                     | 1            |           | neu    |
| Bacillus pallidus → Aeribacillus pallidus                  |              |           |        |
| Bacillus panacisoli  | 1            |           |        |
| Bacillus panaciterrae                                      | 1            |           |        |
| Bacillus pantothenicus → Virgibacillus pantothenicus       |              |           |        |
| Bacillus parabrevis → Brevibacillus parabrevis             |              |           |        |
| Bacillus paraflexus  | 1            |           |        |
| Bacillus paralicheniformis                                 | 1            |           | neu    |
| Bacillus paramycoides                                      | 1            |           | neu    |
| Bacillus paranthracis                                      | 1            |           | neu    |
| Bacillus pasteurii → Sporosarcina pasteurii                |              |           |        |
| Bacillus patagoniensis                                     | 1            |           |        |
| Bacillus peoriae → Paenibacillus peoriae                   |              |           |        |
| Bacillus persepolensis → Alteribacillus persepolensis      |              |           |        |
| Bacillus persicus  | 1            |           |        |
| Bacillus pervagus  | 1            |           |        |
| Bacillus piscicola   | 1            |           | neu    |
| Bacillus plakortidis                                       | 1            |           |        |
| Bacillus pocheonensis                                      | 1            |           |        |
| Bacillus polygoni  | 1            |           |        |
| Bacillus polymachus  | 1            |           | neu    |
| Bacillus polymyxa → Paenibacillus polymyxa                 |              |           |        |
| Bacillus popilliae → Paenibacillus popilliae               |              |           |        |
| Bacillus populi  | 1            |           | neu    |
| Bacillus praedii   | 1            |           | neu    |
| Bacillus proteolyticus                                     | 1            |           | neu    |
| Bacillus pseudocaliphilus                                  | 1            |           |        |
| Bacillus pseudofirmus                                      | 1            |           |        |
| Bacillus pseudomycooides                                   | 1            |           |        |
| Bacillus psychrodurans → Psychrobacillus psychrodurans     |              |           |        |
| Bacillus psychrophilus → Sporosarcina psychrophila         |              |           |        |
| Bacillus psychrosaccharolyticus                            | 1            |           |        |
| Bacillus psychrotolerans → Psychrobacillus psychrotolerans |              |           |        |
| Bacillus pulvificiens → Paenibacillus larvae               |              |           |        |
| Bacillus pumilus   | 1            | +         |        |
| Bacillus purgationiresistens                               | 1            |           |        |
| Bacillus pycnus → Rummeliibacillus pycnus                  |              |           |        |
| Bacillus qingdaonensis → Salibacterium qingdaonense        |              |           | Umb.   |
| Bacillus qingshengii                                       | 1            |           | neu    |
| Bacillus reuszeri → Brevibacillus reuszeri                 |              |           |        |
| Bacillus rhizosphaerae                                     | 1            |           |        |
| Bacillus rigiliprofundii                                   | 1            |           | neu    |

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|---|--------------|-----------|--------|
| Bacillus rigui → Fictibacillus rigui                          |              |           |        |
| Bacillus ruris  | 1            |           |        |
| Bacillus safensis   | 1            |           |        |
| Bacillus salarius   | 1            |           |        |
| Bacillus salexigens → Virgibacillus salexigens                |              |           |        |
| Bacillus saliphilus → Alkalicoccus saliphilus                 |              |           | Umb.   |
| Bacillus salitolerans   | 1            |           | neu    |
| Bacillus salsus   | 1            |           |        |
| Bacillus schlegelii → Hydrogenibacillus schlegelii            |              |           |        |
| Bacillus sediminis  | 1            |           | neu    |
| Bacillus selenatarsenatis                                     | 1            |           |        |
| Bacillus selenitireducens                                     | 1            |           |        |
| Bacillus seohaeanensis  | 1            |           |        |
| Bacillus shacheensis  | 1            |           | neu    |
| Bacillus shackletonii   | 1            |           |        |
| Bacillus siamensis  | 1            |           |        |
| Bacillus silvestris → Solibacillus silvestris                 |              |           |        |
| Bacillus simplex  | 1            |           |        |
| Bacillus siralis  | 1            |           |        |
| Bacillus smithii  | 1            |           |        |
| Bacillus solani   | 1            |           | neu    |
| Bacillus soli   | 1            |           |        |
| Bacillus solimangrovi   | 1            |           |        |
| Bacillus solisalsi → Fictibacillus solisalsi                  |              |           |        |
| Bacillus solisilvae   | 1            |           | neu    |
| Bacillus songklensis  | 1            |           |        |
| Bacillus sonorensis   | 1            |           |        |
| Bacillus sphaericus → Lysinibacillus sphaericus               |              |           |        |
| Bacillus sporothermodurans                                    | 1            |           |        |
| Bacillus stamsii  | 1            |           | neu    |
| Bacillus stearothermophilus → Geobacillus stearothermophilus  |              |           |        |
| Bacillus stratosphericus                                      | 1            |           |        |
| Bacillus subterraneus   | 1            |           |        |
| Bacillus subtilis subsp. inaquosorum                          | 1            |           |        |
| Bacillus subtilis subsp. spizizenii                           | 1            | +         |        |
| Bacillus subtilis subsp. stercoris                            | 1            |           | neu    |
| Bacillus subtilis subsp. subtilis                             | 1            | +         |        |
| Bacillus swezeyi  | 1            |           | neu    |
| Bacillus taeanensis   | 1            |           |        |
| Bacillus taiwanensis  | 1            |           | neu    |
| Bacillus tequilensis  | 1            |           |        |
| Bacillus terrae   | 1            |           | neu    |
| Bacillus thermantarcticus → Geobacillus thermantarcticus      |              |           |        |
| Bacillus thermoaerophilus → Aneurinibacillus thermoaerophilus |              |           |        |

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|---|--------------|-----------|--------|
| Bacillus thermoamylovorans  | 1            |           |        |
| Bacillus thermocatenulatus → Geobacillus thermocatenulatus            |              |           |        |
| Bacillus thermocloaceae   | 1            |           |        |
| Bacillus thermocopriae  | 1            |           |        |
| Bacillus thermodenitrificans → Geobacillus thermodenitrificans        |              |           |        |
| Bacillus thermoglucosidasius → Geobacillus thermoglucosidasius        |              |           |        |
| Bacillus thermolactis   | 1            |           |        |
| Bacillus thermoleovorans → Geobacillus thermoleovorans                |              |           |        |
| Bacillus thermophilus   | 1            |           |        |
| Bacillus thermoruber → Brevibacillus thermoruber                      |              |           |        |
| Bacillus thermosphaericus → Ureibacillus thermosphaericus             |              |           |        |
| Bacillus thermotolerans → Quasibacillus thermotolerans                |              |           | Umb.   |
| Bacillus thiaminolyticus → Paenibacillus thiaminolyticus              |              |           |        |
| Bacillus thioparans   | 1            |           |        |
| Bacillus thuringiensis  | 1            | +, n      |        |
| Bacillus tianshenii   | 1            |           |        |
| Bacillus toyonensis   | 1            |           |        |
| Bacillus tropicus   | 1            |           | neu    |
| Bacillus tryoxylicola   | 1            |           |        |
| Bacillus tusciae → Kyripidia tusciae                                  |              |           |        |
| Bacillus urumqiensis  | 1            |           | neu    |
| Bacillus validus → Paenibacillus validus                              |              |           |        |
| Bacillus vallismortis   | 1            |           |        |
| Bacillus vedderi  | 1            |           |        |
| Bacillus velezensis   | 1            |           | Umb.   |
| Bacillus vietnamensis   | 1            |           |        |
| Bacillus vini   | 1            |           | neu    |
| Bacillus vireti   | 1            |           |        |
| Bacillus vulcani → Geobacillus vulcani                                |              |           |        |
| Bacillus wakoensis  | 1            |           |        |
| Bacillus weihenstephanensis – synonym: Bacillus mycoides              |              |           | Umb.   |
| Bacillus wudalianchiensis   | 1            |           | neu    |
| Bacillus wuyishanensis  | 1            |           | neu    |
| Bacillus xiamenensis  | 1            |           |        |
| Bacillus xiaoxiensis  | 1            |           |        |
| Bacillus zeae   | 1            |           | neu    |
| Bacillus zhangzhouensis   | 1            |           | neu    |
| Bacillus zhanjiangensis   | 1            |           |        |
| <b>Bacteriolyticum</b>  |              |           |        |
| Bacteriolyticum stolpii (Bacteriovorax stolpii, Bdellovibrio stolpii) | 1            |           |        |
| <b>Bacterionema → Corynebacterium</b>                                 |              |           |        |

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|--|--------------|-----------|--------|
| Bacterionema matruchotii → Corynebacterium matruchotii                 |              |           |        |
| <b>Bacterioplanes</b>  |              |           |        |
| Bacterioplanes sanyensis   | 1            |           | neu    |
| <b>Bacterioplanoides</b>   |              |           |        |
| Bacterioplanoides pacificum  | 1            |           | neu    |
| <b>Bacteriovorax</b>   |              |           |        |
| Bacteriovorax litoralis → Halobacteriovorax litoralis                  |              |           | Umb.   |
| Bacteriovorax marinus → Halobacteriovorax marinus                      |              |           | Umb.   |
| Bacteriovorax starrii → Peredibacter starrii                           |              |           |        |
| Bacteriovorax stolpii (Bdellovibrio stolpii) → Bacteriolyticum stolpii |              |           |        |
| <b>Bacteroides</b>   |              |           |        |
| Bacteroides acidifaciens   | 1            |           |        |
| Bacteroides amylophilus → Ruminobacter amylophilus                     |              |           |        |
| Bacteroides asaccharolyticus → Porphyromonas asaccharolytica           |              |           |        |
| Bacteroides barnesiae  | 1            |           | neu    |
| Bacteroides bivius → Prevotella bivia                                  |              |           |        |
| Bacteroides buccae → Prevotella buccae                                 |              |           |        |
| Bacteroides buccalis → Prevotella buccalis                             |              |           |        |
| Bacteroides caccae   | 2            |           |        |
| Bacteroides caecicola  | 1            |           | neu    |
| Bacteroides caecigallinarum  | 1            |           | neu    |
| Bacteroides caecimuris   | 1            |           | neu    |
| Bacteroides capillosus → Pseudoflavonifractor capillosus               |              |           |        |
| Bacteroides capillus – synonym: Bacteroides buccae → Prevotella buccae |              |           |        |
| Bacteroides cellulosilyticus   | 1            |           |        |
| Bacteroides cellulolyticus → Pseudobacteroides cellulolyticus          |              |           |        |
| Bacteroides chinchillae – synonym: Bacteroides sartorii                |              |           |        |
| Bacteroides clarus   | 1            |           |        |
| Bacteroides coagulans  | 2            |           |        |
| Bacteroides coprocola  | 1            |           |        |
| Bacteroides coprophilus  | 1            |           |        |
| Bacteroides coprosuis  | 1            |           |        |
| Bacteroides corporis → Prevotella corporis                             |              |           |        |
| Bacteroides denticola → Prevotella denticola                           |              |           |        |
| Bacteroides disiens → Prevotella disiens                               |              |           |        |
| Bacteroides distasonis → Parabacteroides distasonis                    |              |           |        |
| Bacteroides dorei  | 1            | +         | Bem.   |
| Bacteroides eggerthii  | 2            |           |        |
| Bacteroides endodontalis → Porphyromonas endodontalis                  |              |           |        |

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|---|--------------|-----------|--------|
| <i>Bacteroides faecichinchillae</i>   | 1            |           |        |
| <i>Bacteroides faecis</i>   | 1            | +         | neu    |
| <i>Bacteroides fingoldii</i>  | 1            |           |        |
| <i>Bacteroides fluxus</i>   | 1            |           |        |
| <i>Bacteroides forsythus</i> → <i>Tannerella forsythensis</i>                                       |              |           |        |
| <i>Bacteroides fragilis</i>   | 2            | TA, ht    |        |
| <i>Bacteroides furcosus</i> → <i>Anaerorhabdus furcosa</i>  |              |           |        |
| <i>Bacteroides galacturonicus</i>   | 1            | +         |        |
| <i>Bacteroides gallinaceum</i>  | 1            |           | neu    |
| <i>Bacteroides gallinarum</i>   | 1            |           | neu    |
| <i>Bacteroides gingivalis</i> → <i>Porphyromonas gingivalis</i>                                     |              |           |        |
| <i>Bacteroides goldsteinii</i> → <i>Parabacteroides goldsteinii</i>                                 |              |           |        |
| <i>Bacteroides gracilis</i> → <i>Campylobacter gracilis</i>   |              |           |        |
| <i>Bacteroides graminisolvens</i>   | 1            |           |        |
| <i>Bacteroides helcogenes</i>   | 2            | t         |        |
| <i>Bacteroides heparinolyticus</i> → <i>Prevotella heparinolytica</i>                               |              |           |        |
| <i>Bacteroides hypermegas</i> → <i>Megamonas hypermegale</i>  |              |           |        |
| <i>Bacteroides intermedius</i> → <i>Prevotella intermedia</i>                                       |              |           |        |
| <i>Bacteroides intestinalis</i>   | 1            | +         | Bem.   |
| <i>Bacteroides koreensis</i>  | 1            |           | neu    |
| <i>Bacteroides kribbi</i>   | 1            |           | neu    |
| <i>Bacteroides levii</i> → <i>Porphyromonas levii</i>   |              |           |        |
| <i>Bacteroides loescheii</i> → <i>Prevotella loescheii</i>  |              |           |        |
| <i>Bacteroides luti</i>   | 1            |           |        |
| <i>Bacteroides macacae</i> → <i>Porphyromonas macacae</i>   |              |           |        |
| <i>Bacteroides massiliensis</i>   | 1            | +         |        |
| <i>Bacteroides melaninogenicus</i> subsp. <i>intermedius</i> → <i>Prevotella intermedia</i>         |              |           |        |
| <i>Bacteroides melaninogenicus</i> subsp. <i>macacae</i> → <i>Porphyromonas macacae</i>             |              |           |        |
| <i>Bacteroides melaninogenicus</i> subsp. <i>melaninogenicus</i> → <i>Prevotella melaninogenica</i> |              |           |        |
| <i>Bacteroides melaninogenicus</i> → <i>Prevotella melaninogenica</i>                               |              |           |        |
| <i>Bacteroides merdae</i> → <i>Parabacteroides merdae</i>   |              |           |        |
| <i>Bacteroides microfusum</i> → <i>Rikenella microfusum</i>   |              |           |        |
| <i>Bacteroides multiacidus</i> → <i>Mitsuokella multiacida</i>                                      |              |           |        |
| <i>Bacteroides nodosus</i> → <i>Dichelobacter nodosus</i>   |              |           |        |
| <i>Bacteroides nordii</i>   | 2            |           |        |
| <i>Bacteroides ochraceus</i> → <i>Capnocytophaga ochracea</i>                                       |              |           |        |
| <i>Bacteroides oleiciplenus</i>   | 1            |           |        |
| <i>Bacteroides oralis</i> → <i>Prevotella oralis</i>  |              |           |        |
| <i>Bacteroides oris</i> → <i>Prevotella oris</i>  |              |           |        |
| <i>Bacteroides oulorum</i> → <i>Prevotella oulora</i>   |              |           |        |

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|--|--------------|-----------|--------|
| <i>Bacteroides ovatus</i>  | 2            |           |        |
| <i>Bacteroides paurosaccharolyticus</i>  | 1            |           |        |
| <i>Bacteroides pectinophilus</i>   | 1            | +         |        |
| <i>Bacteroides pentosaceus</i> – synonym: <i>Bacteroides buccae</i> → <i>Prevotella buccae</i> |              |           |        |
| <i>Bacteroides plebeius</i>  | 1            |           |        |
| <i>Bacteroides pneumosintes</i> → <i>Dialister pneumosintes</i>                                |              |           |        |
| <i>Bacteroides polypragmatus</i>   | 1            |           |        |
| <i>Bacteroides praeacutus</i> → <i>Tissierella praeacuta</i>                                   |              |           |        |
| <i>Bacteroides propionicifaciens</i>   | 1            |           |        |
| <i>Bacteroides putredinis</i> → <i>Alistipes putredinis</i>                                    |              |           |        |
| <i>Bacteroides pyogenes</i>  | 2            | ht        |        |
| <i>Bacteroides reticulotermitis</i>  | 1            |           |        |
| <i>Bacteroides rodentium</i>   | 1            |           | neu    |
| <i>Bacteroides ruminicola</i> subsp. <i>brevis</i> → <i>Prevotella brevis</i>                  |              |           |        |
| <i>Bacteroides ruminicola</i> subsp. <i>ruminicola</i> → <i>Prevotella ruminicola</i>          |              |           |        |
| <i>Bacteroides salanitronis</i>  | 1            |           |        |
| <i>Bacteroides salivus</i> → <i>Porphyromonas macacae</i>                                      |              |           |        |
| <i>Bacteroides salyersiae</i>  | 2            |           |        |
| <i>Bacteroides sartorii</i>  | 1            |           |        |
| <i>Bacteroides splanchnicus</i> → <i>Odoribacter splanchnicus</i>                              |              |           |        |
| <i>Bacteroides stercorisoris</i>   | 1            |           |        |
| <i>Bacteroides stercoris</i>   | 1            | +         |        |
| <i>Bacteroides succinogenes</i> → <i>Fibrobacter succinogenes</i> subsp. <i>succinogenes</i>   |              |           |        |
| <i>Bacteroides suis</i> – synonym: <i>Bacteroides pyogenes</i>                                 |              |           |        |
| <i>Bacteroides tectus</i> – synonym: <i>Bacteroides pyogenes</i>                               |              |           |        |
| <i>Bacteroides termitidis</i> → <i>Sebaldella termitidis</i>                                   |              |           |        |
| <i>Bacteroides thetaiotaomicron</i>  | 2            |           |        |
| <i>Bacteroides uniformis</i>   | 2            |           |        |
| <i>Bacteroides ureolyticus</i> → <i>Campylobacter ureolyticus</i>                              |              |           |        |
| <i>Bacteroides veroralis</i> → <i>Prevotella veroralis</i>                                     |              |           |        |
| <i>Bacteroides vulgatus</i>  | 1            | +         |        |
| <i>Bacteroides xylanisolvens</i>   | 1            |           |        |
| <i>Bacteroides xylanolyticus</i>   | 1            |           |        |
| <i>Bacteroides zooglyphiformans</i> → <i>Prevotella zooglyphiformans</i>                       |              |           |        |
| <b>Bactoderma</b>  |              |           |        |
| <i>Bactoderma alba</i>   | 1            |           |        |
| <i>Bactoderma rosea</i>  | 1            |           |        |
| <b>Baia</b>  |              |           |        |
| <i>Baia soyae</i>  | 1            |           | neu    |

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|--|--------------|-----------|--------|
| <b>Balnearium</b>                                |              |           |        |
| Balnearium lithotrophicum                        | 1            |           |        |
| <b>Balneatrix</b>                                |              |           |        |
| Balneatrix alpica                                | 2            |           |        |
| <b>Balneicella</b>                               |              |           |        |
| Balneicella halophila                            | 1            |           | neu    |
| <b>Balneimonas</b> → <b>Microvirga</b>           |              |           |        |
| Balneimonas flocculans → Microvirga flocculans   |              |           |        |
| <b>Balneola</b>                                  |              |           |        |
| Balneola alkaliphila                             | 1            |           |        |
| Balneola vulgaris                                | 1            |           |        |
| <b>Balneomonas</b>                               |              |           |        |
| Balneomonas flocculans                           | 1            |           |        |
| <b>Barnesiella</b>                               |              |           |        |
| Barnesiella intestinhominis                      | 1            |           | neu    |
| Barnesiella viscericola                          | 1            |           | neu    |
| <b>Barrientosiimonas</b>                         |              |           |        |
| Barrientosiimonas endolithica                    | 1            |           | neu    |
| Barrientosiimonas humi                           | 1            |           |        |
| Barrientosiimonas marina (Tamlicoccus marinus)   | 1            |           | Umb.   |
| <b>Bartonella</b>                                |              |           |        |
| Bartonella acomydis                              | 1            | t+        |        |
| Bartonella alsatica                              | 2            | ht        |        |
| Bartonella ancashensis                           | 2            |           | neu    |
| Bartonella bacilliformis                         | 2            |           |        |
| Bartonella birtlesii                             | 2            | t         |        |
| Bartonella bovis                                 | 2            | t         |        |
| Bartonella callosciuri                           | 1            | t+        |        |
| Bartonella capreoli                              | 2            | t         |        |
| Bartonella chomelii                              | 1            | t+        | neu    |
| Bartonella clarridgeiae                          | 2            | Z         |        |
| Bartonella coopersplainsensis                    | 2            | t         |        |
| Bartonella doshiae                               | 2            | t         |        |
| Bartonella elizabethae (Rochalimaea elizabethae) | 2            | Z         |        |
| Bartonella florencae                             | 2            | t         |        |
| Bartonella fuyuanensis                           | 2            | t         | neu    |
| Bartonella grahamii                              | 2            | Z         |        |
| Bartonella heixiaziensis                         | 2            | t         | neu    |
| Bartonella henselae (Rochalimaea henselae)       | 2            | Z         |        |
| Bartonella jaculi                                | 1            | t+        |        |
| Bartonella japonica                              | 2            | t         |        |
| Bartonella koehlerae                             | 2            | Z         |        |
| Bartonella pachyruomydis                         | 1            | t+        |        |
| Bartonella peromysci (Grahamella peromysci)      | 2            | t         |        |
| Bartonella queenslandensis                       | 2            | t         |        |
| Bartonella quintana (Rochalimaea quintana)       | 2            | Z         |        |



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|---|--------------|-----------|--------|
| <i>Bartonella rattaaustraliani</i>  | 2            | t         |        |
| <i>Bartonella rochalimae</i>  | 2            | Z         |        |
| <i>Bartonella schoenbuchensis</i>   | 2            | Z         |        |
| <i>Bartonella silvatica</i>   | 2            | t         |        |
| <i>Bartonella talpae</i> ( <i>Grahamella talpae</i> )                             | 2            | t         |        |
| <i>Bartonella taylorii</i>  | 2            | t         |        |
| <i>Bartonella tribocorum</i>  | 2            | t         |        |
| <i>Bartonella vinsonii</i> subsp. <i>arupensis</i>                                | 2            | Z         |        |
| <i>Bartonella vinsonii</i> subsp. <i>berkhoffii</i>                               | 2            | Z         |        |
| <i>Bartonella vinsonii</i> subsp. <i>vinsonii</i> ( <i>Rochalimaea vinsonii</i> ) | 2            | t         |        |
| <b>Basfia</b>   |              |           |        |
| <i>Basfia succiniciproducens</i>  | 1            |           |        |
| <b>Basilea</b>  |              |           |        |
| <i>Basilea psittacipulmonis</i>   | 2            | t         | neu    |
| <b>Bauldia</b>  |              |           |        |
| <i>Bauldia consociata</i> ( <i>Prosthecomicrobium consociatum</i> )               | 1            |           |        |
| <i>Bauldia litoralis</i> ( <i>Prosthecomicrobium litoralum</i> )                  | 1            |           |        |
| <b>Bavariicoccus</b>  |              |           |        |
| <i>Bavariicoccus seileri</i>  | 1            |           |        |
| <b>Bdellovibrio</b>   |              |           |        |
| <i>Bdellovibrio bacteriovorus</i>   | 1            |           |        |
| <i>Bdellovibrio exovorus</i>  | 1            |           |        |
| <i>Bdellovibrio starrii</i> → <i>Peredibacter starrii</i>                         |              |           |        |
| <i>Bdellovibrio stolpii</i> → <i>Bacteriolyticum stolpii</i>                      |              |           |        |
| <b>Beggiatoa</b>  |              |           |        |
| <i>Beggiatoa alba</i>   | 1            |           |        |
| <i>Beggiatoa leptomitiformis</i>  | 1            |           | neu    |
| <b>Beijerinckia</b>   |              |           |        |
| <i>Beijerinckia deroxii</i> subsp. <i>derxii</i>                                  | 1            |           |        |
| <i>Beijerinckia deroxii</i> subsp. <i>venezuelae</i>                              | 1            |           |        |
| <i>Beijerinckia doebereineriae</i>  | 1            |           |        |
| <i>Beijerinckia fluminensis</i>   | 1            |           |        |
| <i>Beijerinckia indica</i> subsp. <i>indica</i>                                   | 1            |           |        |
| <i>Beijerinckia indica</i> subsp. <i>lacticogenes</i>                             | 1            |           |        |
| <i>Beijerinckia mobilis</i>   | 1            |           |        |
| <b>Belliella</b>  |              |           |        |
| <i>Belliella aquatica</i>   | 1            |           | neu    |
| <i>Belliella baltica</i>  | 1            |           |        |
| <i>Belliella buryatensis</i>  | 1            |           | neu    |
| <i>Belliella kenyensis</i>  | 1            |           | neu    |
| <i>Belliella marina</i>   | 1            |           | neu    |
| <i>Belliella pelovolcani</i>  | 1            |           |        |
| <b>Bellilinea</b>   |              |           |        |
| <i>Bellilinea caldifistulae</i>   | 1            |           |        |
| <b>Belnapia</b>   |              |           |        |

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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| <i>Belnapia moabensis</i>  | 1            |           |        |
| <i>Belnapia rosea</i>  | 1            |           |        |
| <i>Belnapia soli</i>   | 1            |           |        |
| <b>Beneckea</b>  |              |           |        |
| <i>Beneckea alginolytica</i> = <i>Vibrio alginolyticus</i>                                 | 2            | TA, Z     |        |
| <i>Beneckea campbellii</i> → <i>Vibrio campbellii</i>                                      |              |           |        |
| <i>Beneckea gazogenes</i> → <i>Vibrio gazogenes</i>  |              |           |        |
| <i>Beneckea harveyi</i> → <i>Vibrio harveyi</i>  |              |           |        |
| <i>Beneckea natriegens</i> → <i>Vibrio natriegens</i>                                      |              |           |        |
| <i>Beneckea nereida</i> → <i>Vibrio nereis</i>   |              |           |        |
| <i>Beneckea nigrapulchritudo</i> → <i>Vibrio nigripulchritudo</i>                          |              |           |        |
| <i>Beneckea parahaemolytica</i> = <i>Vibrio parahaemolyticus</i>                           | 2            |           |        |
| <i>Beneckea pelagia</i> → <i>Listonella pelagia</i>  |              |           |        |
| <i>Beneckea splendida</i> → <i>Vibrio splendidus</i>                                       |              |           |        |
| <i>Beneckea vulnifica</i> → <i>Vibrio vulnificus</i>                                       |              |           |        |
| <b>Bergeriella</b>   |              |           |        |
| <i>Bergeriella denitrificans</i> ( <i>Neisseria denitrificans</i> )                        | 1            |           |        |
| <b>Bergeyella</b>  |              |           |        |
| <i>Bergeyella porcorum</i>   | 2            | t         | neu    |
| <i>Bergeyella zoohelcum</i> ( <i>Weeksella zoohelcum</i> )                                 | 2            | Z         |        |
| <b>Bermanella</b>  |              |           |        |
| <i>Bermanella marisrubri</i>   | 1            |           |        |
| <b>Bernardetia</b>   |              |           |        |
| <i>Bernardetia litoralis</i> ( <i>Flexibacter litoralis</i> )                              | 1            |           | Umb.   |
| <b>Beutenbergia</b>  |              |           |        |
| <i>Beutenbergia cavernae</i>   | 1            |           |        |
| <b>Bhargavaea</b>  |              |           |        |
| <i>Bhargavaea beijingsensis</i> ( <i>Bacillus beijingsensis</i> )                          | 1            |           |        |
| <i>Bhargavaea cecembensis</i>  | 1            |           |        |
| <i>Bhargavaea ginsengi</i> ( <i>Bacillus ginsengi</i> )                                    | 1            |           |        |
| <i>Bhargavaea ullalensis</i>   | 1            |           |        |
| <b>Bibersteinia</b>  |              |           |        |
| <i>Bibersteinia trehalosi</i> ( <i>Pasteurella trehalosi</i> )                             | 2            | t         |        |
| <b>Bifidobacterium</b>   |              |           |        |
| <i>Bifidobacterium actinocoloniiforme</i>  | 1            |           |        |
| <i>Bifidobacterium adolescentis</i>  | 1            | +         |        |
| <i>Bifidobacterium aerophilum</i>  | 1            |           | neu    |
| <i>Bifidobacterium aesculapii</i>  | 1            |           | neu    |
| <i>Bifidobacterium angulatum</i>   | 1            |           |        |
| <i>Bifidobacterium animalis</i> subsp. <i>animalis</i> ( <i>Bifidobacterium animalis</i> ) | 1            |           |        |
| <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> ( <i>Bifidobacterium lactis</i> )     | 1            |           |        |
| <i>Bifidobacterium animalis</i> → <i>Bifidobacterium animalis</i> subsp. <i>animalis</i>   |              |           |        |
| <i>Bifidobacterium apri</i>  | 1            |           | neu    |

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|--|--------------|-----------|--------|
| <i>Bifidobacterium aquikefiri</i>  | 1            |           | neu    |
| <i>Bifidobacterium asteroides</i>  | 1            |           |        |
| <i>Bifidobacterium avesanii</i>  | 1            |           | neu    |
| <i>Bifidobacterium biavatii</i>  | 1            |           |        |
| <i>Bifidobacterium bifidum</i>   | 1            |           |        |
| <i>Bifidobacterium bohemicum</i>   | 1            |           |        |
| <i>Bifidobacterium bombi</i>   | 1            |           |        |
| <i>Bifidobacterium boum</i>  | 1            |           |        |
| <i>Bifidobacterium breve</i>   | 1            | +         |        |
| <i>Bifidobacterium callitrichidarum</i>  | 1            |           | neu    |
| <i>Bifidobacterium callitrichos</i>  | 1            |           |        |
| <i>Bifidobacterium catenulatum</i>   | 1            |           |        |
| <i>Bifidobacterium choerinum</i>   | 1            |           |        |
| <i>Bifidobacterium commune</i>   | 1            |           | neu    |
| <i>Bifidobacterium coryneforme</i>   | 1            |           |        |
| <i>Bifidobacterium crudilactis</i>   | 1            |           |        |
| <i>Bifidobacterium cuniculi</i>  | 1            |           |        |
| <i>Bifidobacterium denticolens</i> → <i>Parascardovia denticolens</i>                        |              |           |        |
| <i>Bifidobacterium dentium</i>   | 2            |           |        |
| <i>Bifidobacterium eulemuris</i>   | 1            |           | neu    |
| <i>Bifidobacterium faecale</i>   | 1            |           | neu    |
| <i>Bifidobacterium gallicum</i>  | 1            |           |        |
| <i>Bifidobacterium gallinarum</i>  | 1            |           |        |
| <i>Bifidobacterium globosum</i> → <i>Bifidobacterium pseudolongum</i> subsp. <i>globosum</i> |              |           |        |
| <i>Bifidobacterium hapali</i>  | 1            |           | neu    |
| <i>Bifidobacterium indicum</i>   | 1            |           |        |
| <i>Bifidobacterium infantis</i> → <i>Bifidobacterium longum</i> subsp. <i>infantis</i>       |              |           |        |
| <i>Bifidobacterium inopinatum</i> → <i>Scardovia inopinata</i>                               |              |           |        |
| <i>Bifidobacterium kashiwanohense</i>  | 1            |           |        |
| <i>Bifidobacterium lactis</i> → <i>Bifidobacterium animalis</i> subsp. <i>lactis</i>         |              |           |        |
| <i>Bifidobacterium lemorum</i>   | 1            |           | neu    |
| <i>Bifidobacterium longum</i> subsp. <i>infantis</i> ( <i>Bifidobacterium infantis</i> )     | 1            |           |        |
| <i>Bifidobacterium longum</i> subsp. <i>longum</i> ( <i>Bifidobacterium longum</i> )         | 1            |           |        |
| <i>Bifidobacterium longum</i> subsp. <i>suillum</i>  | 1            |           | neu    |
| <i>Bifidobacterium longum</i> subsp. <i>suis</i> ( <i>Bifidobacterium suis</i> )             | 1            |           |        |
| <i>Bifidobacterium longum</i> → <i>Bifidobacterium longum</i> subsp. <i>longum</i>           |              |           |        |
| <i>Bifidobacterium magnum</i>  | 1            |           |        |
| <i>Bifidobacterium merycicum</i>   | 1            |           |        |
| <i>Bifidobacterium minimum</i>   | 1            |           |        |
| <i>Bifidobacterium mongoliense</i>   | 1            |           |        |
| <i>Bifidobacterium moukalabense</i>  | 1            |           |        |

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|---|--------------|-----------|--------|
| <i>Bifidobacterium myosotis</i>   | 1            |           | neu    |
| <i>Bifidobacterium pseudocatenulatum</i>  | 1            |           |        |
| <i>Bifidobacterium pseudolongum</i> subsp. <i>globosum</i><br>( <i>Bifidobacterium globosum</i> ) | 1            |           |        |
| <i>Bifidobacterium pseudolongum</i> subsp. <i>pseudolongum</i>                                    | 1            |           |        |
| <i>Bifidobacterium psychraerophilum</i>   | 1            |           |        |
| <i>Bifidobacterium pullorum</i>   | 1            |           |        |
| <i>Bifidobacterium ramosum</i>  | 1            |           | neu    |
| <i>Bifidobacterium reuteri</i>  | 1            |           |        |
| <i>Bifidobacterium ruminantium</i>  | 1            |           |        |
| <i>Bifidobacterium saeculare</i>  | 1            |           |        |
| <i>Bifidobacterium saguini</i>  | 1            |           |        |
| <i>Bifidobacterium scardovii</i>  | 1            | +         |        |
| <i>Bifidobacterium stellenboschense</i>   | 1            |           |        |
| <i>Bifidobacterium stercoris</i> – synonym: <i>Bifidobacterium adolescentis</i>                   |              |           |        |
| <i>Bifidobacterium subtile</i>  | 1            |           |        |
| <i>Bifidobacterium suis</i> → <i>Bifidobacterium longum</i> subsp. <i>suis</i>                    |              |           |        |
| <i>Bifidobacterium thermacidophilum</i> subsp. <i>porcinum</i>                                    | 1            |           |        |
| <i>Bifidobacterium thermacidophilum</i> subsp. <i>thermacidophilum</i>                            | 1            |           |        |
| <i>Bifidobacterium thermophilum</i>   | 1            |           |        |
| <i>Bifidobacterium tissieri</i>   | 1            |           | neu    |
| <i>Bifidobacterium tsurumiense</i>  | 1            |           |        |
| <i>Bifidobacterium vansinderenii</i>  | 1            |           | neu    |
| <b>Bilophila</b>  |              |           |        |
| <i>Bilophila wadsworthia</i>  | 2            | ht        |        |
| <b>Biostraticola</b>  |              |           |        |
| <i>Biostraticola tofi</i>   | 1            |           |        |
| <b>Bisgaardia</b>   |              |           |        |
| <i>Bisgaardia hudsonensis</i>   | 2            | Z         |        |
| <b>Bizionia</b>   |              |           |        |
| <i>Bizionia algoritergicola</i>   | 1            |           |        |
| <i>Bizionia arctica</i>   | 1            |           | neu    |
| <i>Bizionia argentinensis</i>   | 1            |           |        |
| <i>Bizionia echini</i>  | 1            |           |        |
| <i>Bizionia fulviae</i>   | 1            |           | neu    |
| <i>Bizionia gelidisalsuginis</i>  | 1            |           |        |
| <i>Bizionia hallyeonensis</i>   | 1            |           |        |
| <i>Bizionia myxarmorum</i>  | 1            |           |        |
| <i>Bizionia paragorgiae</i>   | 1            |           |        |
| <i>Bizionia psychrotolerans</i>   | 1            |           | neu    |
| <i>Bizionia saleffrena</i>  | 1            |           |        |
| <i>Bizionia sediminis</i>   | 1            |           | neu    |
| <b>Blastobacter</b>   |              |           |        |

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|--|--------------|-----------|--------|
| Blastobacter aggregatus → Rhizobium aggregatum   |              |           |        |
| Blastobacter capsulatus → Pararhizobium capsulatum   |              |           | Umb.   |
| Blastobacter denitrificans → Bradyrhizobium denitrificans  |              |           |        |
| Blastobacter henricii  | 1            |           |        |
| Blastobacter natatorius → Blastomonas natatoria  |              |           |        |
| <b>Blastocatella</b>   |              |           |        |
| Blastocatella fastidiosa   | 1            |           |        |
| <b>Blastochloris</b>   |              |           |        |
| Blastochloris gulmargensis   | 1            |           |        |
| Blastochloris sulfoviridis (Rhodopseudomonas sulfoviridis)   | 1            |           |        |
| Blastochloris viridis (Rhodopseudomonas viridis)   | 1            |           |        |
| <b>Blastococcus</b>  |              |           |        |
| Blastococcus aggregatus  | 1            |           |        |
| Blastococcus capsensis   | 1            |           | neu    |
| Blastococcus colisei   | 1            |           | neu    |
| Blastococcus endophyticus  | 1            |           |        |
| Blastococcus jejuensis   | 1            |           |        |
| Blastococcus saxobsidens   | 1            |           |        |
| <b>Blastomonas</b>   |              |           |        |
| Blastomonas aquatica   | 1            |           | neu    |
| Blastomonas fulva  | 1            |           | neu    |
| Blastomonas marina   | 1            |           | neu    |
| Blastomonas natatoria (Blastobacter natatorius, Sphingomonas natatoria)                                  | 1            |           |        |
| Blastomonas quesadae   | 1            |           | neu    |
| Blastomonas ursincola (Erythromonas ursincola, Sphingomonas ursincola) – synonym: Sphingomonas ursincola |              |           |        |
| <b>Blastopirellula</b>   |              |           |        |
| Blastopirellula cremea   | 1            |           |        |
| Blastopirellula marina (Pirellula marina, Pirella marina)  | 1            |           |        |
| <b>Blattabacterium</b>   |              |           |        |
| Blattabacterium cuenoti  | 1            |           |        |
| <b>Blautia</b>   |              |           |        |
| Blautia caecimuris   | 1            |           | neu    |
| Blautia coccoides (Clostridium coccoides)  | 1            |           |        |
| Blautia faecis   | 1            |           |        |
| Blautia glucerasea   | 1            |           |        |
| Blautia hansenii (Ruminococcus hansenii, Streptococcus hansenii)   | 1            |           |        |
| Blautia hydrogenotrophica (Ruminococcus hydrogenotrophicus)  | 1            |           |        |
| Blautia luti (Ruminococcus luti)   | 1            |           |        |
| Blautia obeum (Ruminococcus obeum)   | 1            |           | Umb.   |
| Blautia producta (Ruminococcus productus)  | 1            |           |        |

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|---|--------------|-----------|--------|
| <i>Blautia schinkii</i> ( <i>Ruminococcus schinkii</i> )    | 1            |           |        |
| <i>Blautia stercoris</i>                                    | 1            |           |        |
| <i>Blautia wexlerae</i>                                     | 1            |           |        |
| <b>Bogoriella</b>   |              |           |        |
| <i>Bogoriella caseilytica</i>                               | 1            |           |        |
| <b>Bombella</b>   |              |           |        |
| <i>Bombella apis</i>  | 1            |           | neu    |
| <i>Bombella intestini</i>                                   | 1            |           | neu    |
| <b>Bombiscardovia</b>                                       |              |           |        |
| <i>Bombiscardovia coagulans</i>                             | 1            |           | neu    |
| <b>Bordetella</b>   |              |           |        |
| <i>Bordetella avium</i>                                     | 2            | t         |        |
| <i>Bordetella bronchialis</i>                               | 2            |           | neu    |
| <i>Bordetella bronchiseptica</i>                            | 2            | ht        |        |
| <i>Bordetella flabilis</i>                                  | 2            |           | neu    |
| <i>Bordetella hinzii</i>                                    | 2            | ht        |        |
| <i>Bordetella holmesii</i>                                  | 2            |           |        |
| <i>Bordetella muralis</i>                                   | 1            |           | neu    |
| <i>Bordetella parapertussis</i> <sup>4</sup>                | 2            | ht        |        |
| <i>Bordetella pertussis</i>                                 | 2            | T, V      | Bem.   |
| <i>Bordetella petrii</i>                                    | 1            | +         |        |
| <i>Bordetella pseudohinzii</i>                              | 2            | t         | neu    |
| <i>Bordetella sputigena</i>                                 | 2            |           | neu    |
| <i>Bordetella trematum</i>                                  | 2            |           |        |
| <i>Bordetella tumbae</i>                                    | 1            |           | neu    |
| <i>Bordetella tumulicola</i>                                | 1            |           | neu    |
| <b>Borrelia</b>   |              |           |        |
| <i>Borrelia afzelii</i>                                     | 2            | Z         |        |
| <i>Borrelia americana</i>                                   | 1            | t+        |        |
| <i>Borrelia anserina</i>                                    | 2            | t         |        |
| <i>Borrelia baltazardii</i>                                 | 2            | Z         |        |
| <i>Borrelia bavariensis</i> → <i>Borrelia bavariensis</i>   |              |           | Umb.   |
| <i>Borrelia bissettae</i>                                   | 2            | Z         | neu    |
| <i>Borrelia brasiliensis</i>                                | 2            | t         |        |
| <i>Borrelia burgdorferi</i> → <i>Borrelia burgdorferi</i>   |              |           | Umb.   |
| <i>Borrelia californiensis</i>                              | 1            | t+        | neu    |
| <i>Borrelia carolinensis</i> → <i>Borrelia carolinensis</i> |              |           | Umb.   |
| <i>Borrelia caucasica</i>                                   | 2            | Z         |        |
| <i>Borrelia coriaceae</i>                                   | 2            | t         |        |
| <i>Borrelia crocidurae</i>                                  | 2            | Z         |        |
| <i>Borrelia dugesii</i>                                     | 2            | t         |        |
| <i>Borrelia duttonii</i>                                    | 2            | Z         |        |
| <i>Borrelia garinii</i> → <i>Borrelia garinii</i>           |              |           | Umb.   |
| <i>Borrelia graingeri</i>                                   | 2            | Z         |        |

<sup>4</sup> Human- und Tierpathogenität durch unterschiedliche Subtypen.

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|---|--------------|-----------|-----------|
| <i>Borrelia harveyi</i>                                       | 2            | t         |           |
| <i>Borrelia hermsii</i>                                       | 2            | Z         |           |
| <i>Borrelia hispanica</i>                                     | 2            | Z         |           |
| <i>Borrelia japonica</i> → <i>Borrelia japonica</i>           |              |           | Umb.      |
| <i>Borrelia kurtenbachii</i> → <i>Borrelia kurtenbachii</i>   |              |           | neu, Umb. |
| <i>Borrelia latyschewii</i>                                   | 2            | Z         |           |
| <i>Borrelia lusitaniae</i>                                    | 1            | +, Z      |           |
| <i>Borrelia mayonii</i>                                       | 2            | Z         | neu       |
| <i>Borrelia mazzottii</i>                                     | 2            | Z         |           |
| <i>Borrelia miyamotoi</i>                                     | 2            | Z         | Bem.      |
| <i>Borrelia parkeri</i>                                       | 2            | Z         |           |
| <i>Borrelia persica</i>                                       | 2            | Z         |           |
| <i>Borrelia recurrentis</i>                                   | 2            |           |           |
| <i>Borrelia sinica</i> → <i>Borrelia sinica</i>               |              |           | Umb.      |
| <i>Borrelia spielmanii</i> → <i>Borrelia spielmanii</i>       |              |           | Umb.      |
| <i>Borrelia tanukii</i>                                       | 1            | t+        |           |
| <i>Borrelia theileri</i>                                      | 2            | t         |           |
| <i>Borrelia tillae</i>  | 2            | t         |           |
| <i>Borrelia turcica</i>                                       | 1            |           |           |
| <i>Borrelia turdi</i>   | 1            | t+        |           |
| <i>Borrelia turicatae</i>                                     | 2            | Z         |           |
| <i>Borrelia valaisiana</i>                                    | 2            | Z         |           |
| <i>Borrelia venezuelensis</i>                                 | 2            | Z         |           |
| <i>Borrelia yangtzensis</i>                                   | 2            | t         | neu       |
| <b>Borrelia</b>   |              |           |           |
| <i>Borrelia bavariensis</i> ( <i>Borrelia bavariensis</i> )   | 2            | Z         | Umb.      |
| <i>Borrelia burgdorferi</i> ( <i>Borrelia burgdorferi</i> )   | 2            | Z         | Umb.      |
| <i>Borrelia carolinensis</i> ( <i>Borrelia carolinensis</i> ) | 1            | t+        | Umb.      |
| <i>Borrelia garinii</i> ( <i>Borrelia garinii</i> )           | 2            | Z         | Umb.      |
| <i>Borrelia japonica</i> ( <i>Borrelia japonica</i> )         | 1            | +, Z      | Umb.      |
| <i>Borrelia kurtenbachii</i> ( <i>Borrelia kurtenbachii</i> ) | 2            | Z         | neu, Umb. |
| <i>Borrelia sinica</i> ( <i>Borrelia sinica</i> )             | 1            | t+        | Umb.      |
| <i>Borrelia spielmanii</i> ( <i>Borrelia spielmanii</i> )     | 2            | Z         | Umb.      |
| <b>Bosea</b>  |              |           |           |
| <i>Bosea eneeae</i>   | 1            |           |           |
| <i>Bosea lathyri</i>  | 1            |           |           |
| <i>Bosea lupini</i>   | 1            |           |           |
| <i>Bosea massiliensis</i>                                     | 1            |           |           |
| <i>Bosea minatitlanensis</i>                                  | 1            |           |           |
| <i>Bosea robiniae</i>   | 1            |           |           |
| <i>Bosea thiooxidans</i>                                      | 1            |           |           |
| <i>Bosea vaviloviae</i>                                       | 1            |           | neu       |
| <i>Bosea vestrisii</i>  | 1            |           |           |
| <b>Boseongicola</b>   |              |           |           |
| <i>Boseongicola aestuarii</i>                                 | 1            |           | neu       |
| <b>Bounagaea</b>  |              |           |           |

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| Bounagaea Algeriensis   | 1            |           | neu    |
| <b>Bowmanella</b>   |              |           |        |
| Bowmanella denitrificans  | 1            |           |        |
| Bowmanella dokdonensis  | 1            |           | neu    |
| Bowmanella pacifica   | 1            |           |        |
| <b>Brachybacterium</b>  |              |           |        |
| Brachybacterium alimentarium  | 1            |           |        |
| Brachybacterium aquaticum   | 1            |           | neu    |
| Brachybacterium conglomeratum   | 1            |           |        |
| Brachybacterium faecium   | 1            |           |        |
| Brachybacterium fresconis   | 1            |           |        |
| Brachybacterium ginsengisoli  | 1            |           | neu    |
| Brachybacterium hainanense  | 1            |           | neu    |
| Brachybacterium horti   | 1            |           | neu    |
| Brachybacterium huguangmaarensis  | 1            |           |        |
| Brachybacterium muris   | 1            |           |        |
| Brachybacterium nesterenkovi  | 1            |           |        |
| Brachybacterium paraconglomeratum   | 1            |           |        |
| Brachybacterium phenoliresistens  | 1            |           |        |
| Brachybacterium rhamnosum   | 1            |           |        |
| Brachybacterium sacelli   | 1            |           |        |
| Brachybacterium saurashtrense   | 1            |           |        |
| Brachybacterium squillarum  | 1            |           |        |
| Brachybacterium tyrofermentans  | 1            |           |        |
| Brachybacterium zhongshanense   | 1            |           |        |
| <b>Brachymonas</b>  |              |           |        |
| Brachymonas chironomi   | 1            |           |        |
| Brachymonas denitrificans   | 1            |           |        |
| <b>Brachyspira</b>  |              |           |        |
| Brachyspira aalborgi  | 2            | ht        |        |
| Brachyspira alvinipulli   | 2            | t         |        |
| Brachyspira hamptonii   | 2            | t         | neu    |
| Brachyspira hyodysenteriae (Treponema hyodysenteriae, Serpula hyodysenteriae, Serpulina hyodysenteriae) | 2            | t         |        |
| Brachyspira innocens (Treponema innocens, Serpula innocens, Serpulina innocens)                         | 2            | t         |        |
| Brachyspira intermedia (Serpulina intermedia)   | 2            | t         |        |
| Brachyspira murdochii (Serpulina murdochii)   | 2            | t         |        |
| Brachyspira pilosicoli (Serpulina pilosicoli)   | 2            | ht        |        |
| Brachyspira suanatina   | 2            | t         | neu    |
| <b>Brackiella</b>   |              |           |        |
| Brackiella oedipodis  | 2            | t         |        |
| <b>Bradymonas</b>   |              |           |        |
| Bradymonas sediminis  | 1            |           | neu    |
| <b>Bradyrhizobium</b>   |              |           |        |
| Bradyrhizobium americanum   | 1            |           | neu    |



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|---|--------------|-----------|--------|
| Bradyrhizobium arachidis                                  | 1            |           | neu    |
| Bradyrhizobium betae                                      | 1            |           |        |
| Bradyrhizobium cajani                                     | 1            |           | neu    |
| Bradyrhizobium canariense                                 | 1            |           |        |
| Bradyrhizobium centrosematidis                            | 1            |           | neu    |
| Bradyrhizobium cytisi                                     | 1            |           |        |
| Bradyrhizobium daqingense                                 | 1            |           |        |
| Bradyrhizobium denitrificans (Blastobacter denitrificans) | 1            |           |        |
| Bradyrhizobium diazoefficiens                             | 1            |           |        |
| Bradyrhizobium elkanii                                    | 1            |           |        |
| Bradyrhizobium embrapense                                 | 1            |           | neu    |
| Bradyrhizobium erythrophlei                               | 1            |           | neu    |
| Bradyrhizobium ferriligni                                 | 1            |           | neu    |
| Bradyrhizobium ganzhouense                                | 1            |           |        |
| Bradyrhizobium guangdongense                              | 1            |           | neu    |
| Bradyrhizobium guangxiense                                | 1            |           | neu    |
| Bradyrhizobium huanghuaihaiense                           | 1            |           |        |
| Bradyrhizobium icense                                     | 1            |           |        |
| Bradyrhizobium ingae                                      | 1            |           | neu    |
| Bradyrhizobium iriomotense                                | 1            |           |        |
| Bradyrhizobium japonicum (Rhizobium japonicum)            | 1            |           |        |
| Bradyrhizobium jicamae                                    | 1            |           |        |
| Bradyrhizobium kavangense                                 | 1            |           | neu    |
| Bradyrhizobium lablabi                                    | 1            |           | neu    |
| Bradyrhizobium liaoningense                               | 1            |           |        |
| Bradyrhizobium lupini (Rhizobium lupini)                  | 1            |           | Umb.   |
| Bradyrhizobium manausense                                 | 1            |           | neu    |
| Bradyrhizobium mercantei                                  | 1            |           | neu    |
| Bradyrhizobium namibiense                                 | 1            |           | neu    |
| Bradyrhizobium neotropiale                                | 1            |           | neu    |
| Bradyrhizobium oligotrophicum (Agromonas oligotrophica)   | 1            |           |        |
| Bradyrhizobium ottawaense                                 | 1            |           | neu    |
| Bradyrhizobium pachyrhizi                                 | 1            |           |        |
| Bradyrhizobium paxllaeri                                  | 1            |           |        |
| Bradyrhizobium retamae                                    | 1            |           | neu    |
| Bradyrhizobium rifense                                    | 1            |           | neu    |
| Bradyrhizobium stylosanthis                               | 1            |           | neu    |
| Bradyrhizobium subterraneum                               | 1            |           | neu    |
| Bradyrhizobium tropiciagri                                | 1            |           | neu    |
| Bradyrhizobium vignae                                     | 1            |           | neu    |
| Bradyrhizobium viridifuturi                               | 1            |           | neu    |
| Bradyrhizobium yuanmingense                               | 1            |           |        |
| <b>Branchiibius</b>                                       |              |           |        |
| Branchiibius cervicis                                     | 1            | +         |        |
| Branchiibius hedensis                                     | 1            |           |        |

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|---|--------------|-----------|-----------|
| <b>Brassicibacter</b>   |              |           |           |
| <i>Brassicibacter mesophilus</i>  | 1            |           |           |
| <i>Brassicibacter thermophilus</i>  | 1            |           | neu       |
| <b>Brenneria</b>  |              |           |           |
| <i>Brenneria alni</i> ( <i>Erwinia alni</i> )                                     | 1            | p         |           |
| <i>Brenneria goodwinii</i>  | 1            | p2        |           |
| <i>Brenneria nigrifluens</i> ( <i>Erwinia nigrifluens</i> )                       | 1            | p         |           |
| <i>Brenneria paradisiaca</i> → <i>Dickeya paradisiaca</i>                         |              |           |           |
| <i>Brenneria populi</i> → <i>Brenneria populi</i> subsp. <i>populi</i>            |              |           | Umb.      |
| <i>Brenneria populi</i> subsp. <i>brevivirga</i>                                  | 1            | p         | neu       |
| <i>Brenneria populi</i> subsp. <i>populi</i> ( <i>Brenneria populi</i> )          | 1            | p         | neu, Umb. |
| <i>Brenneria quercina</i> ( <i>Erwinia quercina</i> ) → <i>Lonsdalea quercina</i> |              |           | Umb.      |
| <i>Brenneria roseae</i> subsp. <i>americana</i>                                   | 1            | p2        | neu       |
| <i>Brenneria roseae</i> subsp. <i>roseae</i>                                      | 1            | p2        | neu       |
| <i>Brenneria rubrifaciens</i> ( <i>Erwinia rubrifaciens</i> )                     | 1            | p         |           |
| <i>Brenneria salicis</i> ( <i>Erwinia salicis</i> )                               | 1            | p         |           |
| <b>Breoghania</b>   |              |           |           |
| <i>Breoghania corrubedonensis</i>   | 1            |           |           |
| <b>Brevibacillus</b>  |              |           |           |
| <i>Brevibacillus agri</i> ( <i>Bacillus agri</i> )                                | 1            | +         |           |
| <i>Brevibacillus aydinogluensis</i>   | 1            |           |           |
| <i>Brevibacillus borstelensis</i> ( <i>Bacillus borstelensis</i> )                | 1            |           |           |
| <i>Brevibacillus brevis</i> ( <i>Bacillus brevis</i> )                            | 1            | +         |           |
| <i>Brevibacillus centrosporus</i> ( <i>Bacillus centrosporus</i> )                | 1            | +         |           |
| <i>Brevibacillus choshinensis</i> ( <i>Bacillus choshinensis</i> )                | 1            |           |           |
| <i>Brevibacillus fluminis</i>   | 1            |           |           |
| <i>Brevibacillus formosus</i> ( <i>Bacillus formosus</i> )                        | 1            |           |           |
| <i>Brevibacillus fulvus</i>   | 1            |           |           |
| <i>Brevibacillus gelatini</i>   | 1            |           | neu       |
| <i>Brevibacillus ginsengisoli</i>   | 1            |           |           |
| <i>Brevibacillus halotolerans</i>   | 1            |           | neu       |
| <i>Brevibacillus invocatus</i>  | 1            |           |           |
| <i>Brevibacillus laterosporus</i> ( <i>Bacillus laterosporus</i> )                | 1            | +         |           |
| <i>Brevibacillus levickii</i>   | 1            |           |           |
| <i>Brevibacillus limnophilus</i>  | 1            |           |           |
| <i>Brevibacillus massiliensis</i>   | 1            |           |           |
| <i>Brevibacillus nitrificans</i>  | 1            |           |           |
| <i>Brevibacillus panacihumi</i>   | 1            |           |           |
| <i>Brevibacillus parabrevis</i> ( <i>Bacillus parabrevis</i> )                    | 1            | +         |           |
| <i>Brevibacillus reuszeri</i> ( <i>Bacillus reuszeri</i> )                        | 1            |           |           |
| <i>Brevibacillus sediminis</i>  | 1            |           | neu       |
| <i>Brevibacillus thermoruber</i> ( <i>Bacillus thermoruber</i> )                  | 1            |           |           |
| <b>Brevibacterium</b>   |              |           |           |

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|--|--------------|-----------|--------|
| Brevibacterium acetylicum → Exiguobacterium acetylicum                                     |              |           |        |
| Brevibacterium albidum = Curtobacterium albidum  | 1            |           |        |
| Brevibacterium album   | 1            |           | neu    |
| Brevibacterium ammoniagenes → Corynebacterium ammoniagenes                                 |              |           |        |
| Brevibacterium ammoniilyticum  | 1            |           |        |
| Brevibacterium antiquum  | 1            |           |        |
| Brevibacterium aurantiacum   | 1            |           |        |
| Brevibacterium avium   | 2            | t         |        |
| Brevibacterium casei   | 2            | TA        |        |
| Brevibacterium celere  | 1            |           |        |
| Brevibacterium citreum = Curtobacterium citreum  | 1            |           |        |
| Brevibacterium daeguense   | 1            |           |        |
| Brevibacterium divaricatum – synonym: Corynebacterium glutamicum                           |              |           |        |
| Brevibacterium epidermidis   | 1            | +         |        |
| Brevibacterium fermentans – synonym: Cellulomonas cellulans → Cellulosimicrobium cellulans |              |           |        |
| „Brevibacterium flavum“ – synonym: Corynebacterium glutamicum                              |              |           |        |
| Brevibacterium frigoritolerans   | 1            |           |        |
| Brevibacterium halotolerans → Bacillus halotolerans  |              |           | Umb.   |
| Brevibacterium imperiale → Microbacterium imperiale  |              |           |        |
| Brevibacterium incertum → Desemzia incerta   |              |           |        |
| Brevibacterium iodium  | 1            |           |        |
| Brevibacterium jeotgali  | 1            |           |        |
| „Brevibacterium lactofermentum“ – synonym: Corynebacterium glutamicum                      |              |           |        |
| Brevibacterium linens  | 1            |           |        |
| Brevibacterium liquefaciens – synonym: Arthrobacter nicotianae                             |              |           |        |
| Brevibacterium luteolum  | 1            | +         |        |
| Brevibacterium luteum = Curtobacterium luteum  | 1            |           |        |
| Brevibacterium lyticum – synonym: Cellulomonas cellulans → Cellulosimicrobium cellulans    |              |           |        |
| Brevibacterium marinum   | 1            |           |        |
| Brevibacterium massiliense – synonym: Brevibacterium ravenstergense                        |              |           | Umb.   |
| Brevibacterium mcbrellneri   | 2            |           |        |
| Brevibacterium oceani  | 1            |           |        |
| Brevibacterium otitidis  | 1            | +         |        |
| Brevibacterium oxydans → Microbacterium oxydans  |              |           |        |
| Brevibacterium paucivorans   | 2            |           |        |
| Brevibacterium permense  | 1            |           |        |
| Brevibacterium picturae  | 1            |           |        |
| Brevibacterium ptyocampae  | 1            |           |        |

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|--|--------------|-----------|--------|
| Brevibacterium protophormiae → Arthrobacter protophormiae            |              |           |        |
| Brevibacterium pusillum = Curtobacterium pusillum                    | 1            |           |        |
| Brevibacterium ravenspurgense  | 1            | +         |        |
| Brevibacterium salitolerans  | 1            |           |        |
| Brevibacterium samyangense   | 1            |           |        |
| Brevibacterium sandarakinum  | 1            |           |        |
| Brevibacterium sanguinis   | 2            |           |        |
| Brevibacterium saperdae → Microbacterium saperdae                    |              |           |        |
| Brevibacterium sediminis   | 1            |           | neu    |
| Brevibacterium senegalense   | 1            |           |        |
| Brevibacterium siliguriense  | 1            |           |        |
| Brevibacterium stationis → Corynebacterium stationis                 |              |           |        |
| Brevibacterium testaceum → Microbacterium testaceum                  |              |           |        |
| Brevibacterium vitarumen → Corynebacterium vitarumini                |              |           |        |
| Brevibacterium yomogidense   | 1            |           |        |
| <b>Brevifollis</b>   |              |           |        |
| Brevifollis gellanilyticus   | 1            |           |        |
| <b>Brevinema</b>   |              |           |        |
| Brevinema andersonii   | 2            | t         |        |
| <b>Brevirhabdus</b>  |              |           |        |
| Brevirhabdus pacifica  | 1            |           | neu    |
| <b>Brevitalea</b>  |              |           |        |
| Brevitalea aridisoli   | 1            |           | neu    |
| Brevitalea deliciosa   | 1            |           | neu    |
| <b>Brevundimonas</b>   |              |           |        |
| Brevundimonas abyssalis  | 1            |           |        |
| Brevundimonas alba („Caulobacter subvibrioides subsp. albus“)        | 1            |           |        |
| Brevundimonas albigilva  | 1            |           | neu    |
| Brevundimonas aurantiaca („Caulobacter henricii subsp. aurantiacus“) | 1            |           |        |
| Brevundimonas aveniformis  | 1            |           |        |
| Brevundimonas bacteroides (Caulobacter bacteroides)                  | 1            |           |        |
| Brevundimonas balnearis  | 1            |           | neu    |
| Brevundimonas basaltis   | 1            |           |        |
| Brevundimonas bullata (Mycoplana bullata)                            | 1            |           |        |
| Brevundimonas canariensis  | 1            |           | neu    |
| Brevundimonas denitrificans  | 1            |           | neu    |
| Brevundimonas diminuta (Pseudomonas diminuta)                        | 1            | +         |        |
| Brevundimonas faecalis   | 1            |           |        |
| Brevundimonas halotolerans   | 1            |           |        |
| Brevundimonas intermedia (Caulobacter intermedium)                   | 1            |           |        |

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|---|--------------|-----------|--------|
| <i>Brevundimonas kwangchunensis</i>   | 1            |           |        |
| <i>Brevundimonas lenta</i>  | 1            |           |        |
| <i>Brevundimonas mediterranea</i>   | 1            |           |        |
| <i>Brevundimonas naejangsanensis</i>  | 1            |           |        |
| <i>Brevundimonas nasdae</i>   | 1            |           |        |
| <i>Brevundimonas poindexterae</i>   | 1            |           |        |
| <i>Brevundimonas staleyi</i>  | 1            |           |        |
| <i>Brevundimonas subvibrioides</i> ( <i>Caulobacter subvibrioides</i> )                   | 1            |           |        |
| <i>Brevundimonas terrae</i>   | 1            |           |        |
| <i>Brevundimonas vancouverii</i>  | 1            | +         |        |
| <i>Brevundimonas variabilis</i> ( <i>Caulobacter variabilis</i> )                         | 1            |           |        |
| <i>Brevundimonas vesicularis</i> ( <i>Pseudomonas vesicularis</i> )                       | 2            |           |        |
| <i>Brevundimonas viscosa</i>  | 1            |           |        |
| <b>Breznakia</b>  |              |           |        |
| <i>Breznakia blatticola</i>   | 1            |           | neu    |
| <i>Breznakia pachnodae</i>  | 1            |           | neu    |
| <b>Brochothrix</b>  |              |           |        |
| <i>Brochothrix campestris</i>   | 1            |           |        |
| <i>Brochothrix thermosphacta</i>  | 1            |           |        |
| <b>Brockia</b>  |              |           |        |
| <i>Brockia lithotrophica</i>  | 1            |           |        |
| <b>Brooklawnia</b>  |              |           |        |
| <i>Brooklawnia cerclae</i>  | 1            |           |        |
| <b>Brucella</b>   |              |           |        |
| <i>Brucella abortus</i> ( <i>B. melitensis</i> biovar <i>abortus</i> ) <sup>5</sup>       | 3            | Z         |        |
| <i>Brucella canis</i> ( <i>B. melitensis</i> biovar <i>canis</i> ) <sup>5</sup>           | 3            | Z         |        |
| <i>Brucella ceti</i>  | 2            | Z         |        |
| <i>Brucella inopinata</i>   | 3            | Z         |        |
| <i>Brucella melitensis</i> ( <i>B. melitensis</i> biovar <i>melitensis</i> ) <sup>5</sup> | 3            | Z         |        |
| <i>Brucella microti</i> <sup>6</sup>  | 2            | Z         |        |
| <i>Brucella neotomae</i> ( <i>B. melitensis</i> biovar <i>neotomae</i> ) <sup>5</sup>     | 3            | Z         |        |
| <i>Brucella ovis</i> ( <i>B. melitensis</i> biovar <i>ovis</i> ) <sup>5</sup>             | 3            | Z         |        |
| <i>Brucella papionis</i>  | 2            | Z         | neu    |
| <i>Brucella pinnipedialis</i>   | 2            | Z         |        |
| <i>Brucella suis</i> ( <i>B. melitensis</i> biovar <i>suis</i> ) <sup>5</sup>             | 3            | Z         |        |

<sup>5</sup> Genomanalysen und -sequenzvergleiche (Scholz, H., Banai, M., Cloeckert, A., Kämpfer, P. & Whatmore, A.M., Genus *Brucella* (Meyer&Shaw 1920), in: *Bergey's Manual of Systematics of Archaea and Bacteria*, online 2018) bestätigen das sogenannte „Multispezies-Konzept“, in dem die sechs *Brucella* „nomenspecies“ *abortus*, *canis*, *melitensis*, *neotomae*, *ovis* und *suis* als eigenständige Spezies abgegrenzt werden, die taxonomisch beschrieben und deren Namen validiert sind (Osterman, B. & Moriyon, I., *International Committee on Systematics of Prokaryotes, Subcommittee on the Taxonomy of Brucella*, *IJSEM*, 56, 1173-1175, 2006).

<sup>6</sup> Menschliche Erkrankungen, verursacht durch *Brucella microti* wurden bisher noch nicht beschrieben, können aber wegen der nahen Verwandtschaft zu anderen Brucellose-Erregern auch nicht sicher ausgeschlossen werden.

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|---|--------------|-----------|--------|
| <b>Brumimicrobium</b>   |              |           |        |
| Brumimicrobium aurantiacum                                    | 1            |           | neu    |
| Brumimicrobium glaciale                                       | 1            |           |        |
| Brumimicrobium mesophilum                                     | 1            |           |        |
| <b>Bryantella → Marvinbryantia</b>                            |              |           |        |
| Bryantella formatexigens → Marvinbryantia formatexigens       |              |           |        |
| <b>Bryobacter</b>   |              |           |        |
| Bryobacter aggregatus   | 1            |           |        |
| <b>Bryocella</b>  |              |           |        |
| Bryocella elongata  | 1            |           |        |
| <b>Buchnera</b>   |              |           |        |
| Buchnera aphidicola   | 1            |           |        |
| <b>Budvicia</b>   |              |           |        |
| Budvicia aquatica   | 1            |           |        |
| Budvicia diplopodorum   | 1            |           |        |
| <b>Bulleidia</b>  |              |           |        |
| Bulleidia extracta  | 2            |           |        |
| <b>Burkholderia</b>   |              |           |        |
| Burkholderia acidipaludis → Paraburkholderia acidipaludis     |              |           | Umb.   |
| Burkholderia alpina   | 1            |           | neu    |
| Burkholderia ambifaria  | 2            |           |        |
| Burkholderia andropogonis → Robbsia andropogonis              |              |           | Umb.   |
| Burkholderia anthina  | 1            | +         |        |
| Burkholderia arationis → Caballeronia arationis               |              |           | Umb.   |
| Burkholderia arboris  | 2            |           |        |
| Burkholderia arvi → Caballeronia arvi                         |              |           | Umb.   |
| Burkholderia aspalathi → Paraburkholderia aspalathi           |              |           | Umb.   |
| Burkholderia bannensis → Paraburkholderia bannensis           |              |           | Umb.   |
| Burkholderia bryophila → Paraburkholderia bryophila           |              |           | Umb.   |
| Burkholderia caballeronis → Paraburkholderia caballeronis     |              |           | Umb.   |
| Burkholderia caledonica → Paraburkholderia caledonica         |              |           | Umb.   |
| Burkholderia calidae → Caballeronia calidae                   |              |           | Umb.   |
| Burkholderia caribensis → Paraburkholderia caribensis         |              |           | Umb.   |
| Burkholderia caryophylli → Paraburkholderia caryophylli       |              |           | Umb.   |
| Burkholderia catudaia → Caballeronia catudaia                 |              |           | Umb.   |
| Burkholderia cenocepacia                                      | 2            |           |        |
| Burkholderia cepacia (Pseudomonas cepacia)                    | 2            | TA, ht, p |        |
| Burkholderia choica → Caballeronia choica                     |              |           | Umb.   |
| Burkholderia cocovenenans – synonym:<br>Burkholderia gladioli |              |           |        |

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| Burkholderia concitans → Caballeronia concitans                     |              |           | Umb.   |
| Burkholderia contaminans  | 2            | ht        |        |
| Burkholderia cordobensis → Caballeronia cordobensis                 |              |           | Umb.   |
| Burkholderia denitrificans → Paraburkholderia denitrificans         |              |           | Umb.   |
| Burkholderia diazotrophica → Paraburkholderia diazotrophica         |              |           | Umb.   |
| Burkholderia diffusa  | 2            |           |        |
| Burkholderia dilworthii → Paraburkholderia dilworthii               |              |           | Umb.   |
| Burkholderia dipogonis → Paraburkholderia dipogonis                 |              |           | Umb.   |
| Burkholderia dolosa   | 2            |           |        |
| Burkholderia eburnea → Paraburkholderia eburnea                     |              |           | Umb.   |
| Burkholderia endofungorum → Paraburkholderia endofungorum           |              |           | Umb.   |
| Burkholderia ferrariae → Paraburkholderia ferrariae                 |              |           | Umb.   |
| Burkholderia fortuita → Caballeronia fortuita                       |              |           | Umb.   |
| Burkholderia fungorum → Paraburkholderia fungorum                   |              |           | Umb.   |
| Burkholderia ginsengisoli → Paraburkholderia ginsengisoli           |              |           | Umb.   |
| Burkholderia ginsengiterrae → Paraburkholderia ginsengiterrae       |              |           | Umb.   |
| Burkholderia gladioli (Pseudomonas gladioli)                        | 2            | p         |        |
| Burkholderia glathei → Caballeronia glathei                         |              |           | Umb.   |
| Burkholderia glebae → Caballeronia glebae                           |              |           | Umb.   |
| Burkholderia glumae (Pseudomonas glumae)                            | 1            | p         |        |
| Burkholderia graminis → Paraburkholderia graminis                   |              |           | Umb.   |
| Burkholderia grimmiae → Caballeronia grimmiae                       |              |           | Umb.   |
| Burkholderia heleaia → Paraburkholderia heleaia                     |              |           | Umb.   |
| Burkholderia hospita → Paraburkholderia hospita                     |              |           | Umb.   |
| Burkholderia humi → Caballeronia humi                               |              |           | Umb.   |
| Burkholderia humisilvae → Paraburkholderia humisilvae               |              |           | Umb.   |
| Burkholderia hypogeia → Caballeronia hypogeia                       |              |           | Umb.   |
| Burkholderia insulsa → Paraburkholderia insulsa                     |              |           | Umb.   |
| Burkholderia jiangsuensis → Caballeronia jiangsuensis               |              |           | Umb.   |
| Burkholderia jirisanensis → Paraburkholderia jirisanensis           |              |           | Umb.   |
| Burkholderia kirstenboschensis → Paraburkholderia kirstenboschensis |              |           | Umb.   |
| Burkholderia kururiensis → Paraburkholderia kururiensis             |              |           | Umb.   |
| Burkholderia lata   | 1            |           |        |
| Burkholderia latens   | 2            |           |        |
| Burkholderia mallei (Pseudomonas mallei)                            | 3            | Z         |        |

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|---|--------------|--------------|-------------|
| Burkholderia megalochromosomata → Caballeronia megalochromosomata |              |              | Umb.        |
| Burkholderia megapolitana → Paraburkholderia megapolitana         |              |              | Umb.        |
| Burkholderia metallica  | 2            |              |             |
| Burkholderia metalliresistens → Paraburkholderia metalliresistens |              |              | Umb.        |
| Burkholderia mimosarum → Paraburkholderia mimosarum               |              |              | Umb.        |
| Burkholderia monticola → Paraburkholderia monticola               |              |              | Umb.        |
| Burkholderia multivorans  | 2            |              |             |
| Burkholderia nodosa → Paraburkholderia nodosa                     |              |              | Umb.        |
| Burkholderia norimbergensis → Pandoraea norimbergensis            |              |              |             |
| Burkholderia oklahomensis   | 2            |              |             |
| Burkholderia oxyphila → Paraburkholderia oxyphila                 |              |              | Umb.        |
| Burkholderia panaciterrae → Paraburkholderia panaciterrae         |              |              | Umb.        |
| Burkholderia pedi → Caballeronia pedi                             |              |              | Umb.        |
| Burkholderia peredens → Caballeronia peredens                     |              |              | Umb.        |
| Burkholderia phenazinium → Paraburkholderia phenazinium           |              |              | Umb.        |
| Burkholderia phenoliruptrix → Paraburkholderia phenoliruptrix     |              |              | Umb.        |
| Burkholderia phymatum → Paraburkholderia phymatum                 |              |              | Umb.        |
| Burkholderia phytofirmans → Paraburkholderia phytofirmans         |              |              | Umb.        |
| Burkholderia pickettii → Ralstonia pickettii                      |              |              |             |
| Burkholderia plantarii (Pseudomonas plantarii)                    | 1            | p            |             |
| <b>Burkholderia pseudomallei (Pseudomonas pseudomallei)</b>       | <b>3</b>     | <b>D, ht</b> | <b>Bem.</b> |
| Burkholderia pseudomultivorans                                    | 2            |              |             |
| Burkholderia pterochthonis → Caballeronia pterochthonis           |              |              | Umb.        |
| Burkholderia pyrrocinia (Pseudomonas pyrrocinia)                  | 1            |              |             |
| Burkholderia rhizosphaerae → Paraburkholderia rhizosphaerae       |              |              | Umb.        |
| Burkholderia rhizoxinica → Paraburkholderia rhizoxinica           |              |              | Umb.        |
| Burkholderia rhynchosiae → Paraburkholderia rhynchosiae           |              |              | Umb.        |
| Burkholderia sabiae → Paraburkholderia sabiae                     |              |              | Umb.        |
| Burkholderia sacchari → Paraburkholderia sacchari                 |              |              | Umb.        |
| Burkholderia sartisoli → Paraburkholderia sartisoli               |              |              | Umb.        |
| Burkholderia sediminicola → Paraburkholderia sediminicola         |              |              | Umb.        |
| Burkholderia seminalis  | 2            |              |             |
| Burkholderia silvatlantica → Paraburkholderia silvatlantica       |              |              | Umb.        |



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|---|--------------|-----------|--------|
| <i>Burkholderia singularis</i>  | 1            | +         |        |
| <i>Burkholderia solanacearum</i> → <i>Ralstonia solanacearum</i>      |              |           |        |
| <i>Burkholderia soli</i> → <i>Paraburkholderia soli</i>               |              |           | Umb.   |
| <i>Burkholderia solisilvae</i> → <i>Paraburkholderia solisilvae</i>   |              |           | Umb.   |
| <i>Burkholderia sordidicola</i> → <i>Caballeronia sordidicola</i>     |              |           | Umb.   |
| <i>Burkholderia sprentiae</i> → <i>Paraburkholderia sprentiae</i>     |              |           | Umb.   |
| <b><i>Burkholderia stabilis</i></b>                                   | 2            |           |        |
| <i>Burkholderia stagnalis</i>   | 1            | +         | neu    |
| <i>Burkholderia susongensis</i> → <i>Paraburkholderia susongensis</i> |              |           | Umb.   |
| <i>Burkholderia symbiotica</i> → <i>Paraburkholderia symbiotica</i>   |              |           | Umb.   |
| <i>Burkholderia telluris</i> → <i>Caballeronia telluris</i>           |              |           | Umb.   |
| <i>Burkholderia temeraria</i> → <i>Caballeronia temeraria</i>         |              |           | Umb.   |
| <i>Burkholderia terrae</i> → <i>Paraburkholderia terrae</i>           |              |           | Umb.   |
| <i>Burkholderia terrestris</i> → <i>Caballeronia terrestris</i>       |              |           | Umb.   |
| <i>Burkholderia terricola</i> → <i>Paraburkholderia terricola</i>     |              |           | Umb.   |
| <i>Burkholderia territorii</i>  | 1            |           | neu    |
| <b><i>Burkholderia thailandensis</i></b>                              | 2            |           |        |
| <i>Burkholderia tropica</i> → <i>Paraburkholderia tropica</i>         |              |           | Umb.   |
| <i>Burkholderia tuberum</i> → <i>Paraburkholderia tuberum</i>         |              |           | Umb.   |
| <i>Burkholderia turbans</i> → <i>Caballeronia turbans</i>             |              |           | Umb.   |
| <i>Burkholderia ubonensis</i>   | 1            | +         |        |
| <i>Burkholderia udeis</i> → <i>Caballeronia udeis</i>                 |              |           | Umb.   |
| <i>Burkholderia unamae</i> → <i>Paraburkholderia unamae</i>           |              |           | Umb.   |
| <i>Burkholderia vandii</i> – synonym: <i>Burkholderia plantarii</i>   |              |           |        |
| <b><i>Burkholderia vietnamiensis</i></b>                              | 2            |           |        |
| <i>Burkholderia xenovorans</i> → <i>Paraburkholderia xenovorans</i>   |              |           | Umb.   |
| <i>Burkholderia zhejiangensis</i> → <i>Caballeronia zhejiangensis</i> |              |           | Umb.   |
| <b>Buttiauxella</b>   |              |           |        |
| <i>Buttiauxella agrestis</i>  | 1            |           |        |
| <i>Buttiauxella brennerae</i>   | 1            |           |        |
| <i>Buttiauxella ferragutiae</i>                                       | 1            |           |        |
| <i>Buttiauxella gaviniae</i>  | 1            |           |        |
| <i>Buttiauxella izardii</i>   | 1            |           |        |
| <i>Buttiauxella noackiae</i>  | 1            | +         |        |
| <i>Buttiauxella warmboldiae</i>                                       | 1            |           |        |
| <b>Butyratibacter</b>   |              |           |        |
| <i>Butyratibacter algicola</i>  | 1            |           | neu    |
| <b>Butyricoccus</b>   |              |           |        |

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| Spezies  | Risikogruppe | Bemerkung | Status    |
|--|--------------|-----------|-----------|
| Butyricoccus desmolans (Agathobaculum desmolans, Eubacterium desmolans)                    | 1            |           | Umb.      |
| Butyricoccus faecihominis  | 1            |           | neu       |
| Butyricoccus pullicaecorum   | 1            |           |           |
| <b>Butyricimonas</b>   |              |           |           |
| Butyricimonas faecihominis   | 1            |           | neu       |
| Butyricimonas paravirosa   | 1            |           | neu       |
| Butyricimonas synergistica   | 1            |           |           |
| Butyricimonas virosa   | 1            |           |           |
| <b>Butyrivibrio</b>  |              |           |           |
| Butyrivibrio crossotus   | 1            |           |           |
| Butyrivibrio fibrisolvens  | 1            |           |           |
| Butyrivibrio hungatei  | 1            |           |           |
| Butyrivibrio proteoclasticus (Clostridium proteoclasticum)                                 | 1            |           |           |
| <b>Byssovorax</b>  |              |           |           |
| Byssovorax cruenta   | 1            |           |           |
| <b>Caballeronia</b>  |              |           |           |
| Caballeronia arationis (Burkholderia arationis)  | 1            |           | neu, Umb. |
| Caballeronia arvi (Burkholderia arvi)  | 1            |           | neu, Umb. |
| Caballeronia calidae (Burkholderia calidae)  | 1            |           | neu, Umb. |
| Caballeronia catudaia (Burkholderia catudaia)  | 1            |           | neu, Umb. |
| Caballeronia choica (Paraburkholderia choica, Burkholderia choica)                         | 1            |           | Umb.      |
| Caballeronia concitans (Burkholderia concitans)  | 1            | +         | neu, Umb. |
| Caballeronia cordobensis (Burkholderia cordobensis)  | 1            |           | Umb.      |
| Caballeronia fortuita (Burkholderia fortuita)  | 1            |           | neu, Umb. |
| Caballeronia glathei (Pseudomonas glathei, Burkholderia glathei, Paraburkholderia glathei) | 1            |           | Umb.      |
| Caballeronia glebae (Burkholderia glebae)  | 1            |           | neu, Umb. |
| Caballeronia grimmiae (Burkholderia grimmiae, Paraburkholderia grimmiae)                   | 1            |           | Umb.      |
| Caballeronia humi (Burkholderia humi, Paraburkholderia humi)                               | 1            |           | Umb.      |
| Caballeronia hypogeia (Burkholderia hypogeia)  | 1            |           | neu, Umb. |
| Caballeronia jiangsuensis (Burkholderia jiangsuensis)                                      | 1            |           | Umb.      |
| Caballeronia megalochromosomata (Burkholderia megalochromosomata)                          | 1            |           | Umb.      |
| Caballeronia pedi (Burkholderia pedi)  | 1            |           | neu, Umb. |
| Caballeronia peredens (Burkholderia peredens)  | 1            |           | neu, Umb. |
| Caballeronia ptereochthonis (Burkholderia ptereochthonis)                                  | 1            |           | neu, Umb. |
| Caballeronia sordidicola (Burkholderia sordidicola, Paraburkholderia sordidicola)          | 1            |           | Umb.      |
| Caballeronia telluris (Paraburkholderia telluris, Burkholderia telluris)                   | 1            |           | Umb.      |
| Caballeronia temeraria (Burkholderia temeraria)  | 1            |           | neu, Umb. |
| Caballeronia terrestris (Paraburkholderia terrestris, Burkholderia terrestris)             | 1            |           | Umb.      |
| Caballeronia turbans (Burkholderia turbans)  | 1            | +         | neu, Umb. |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| Caballeronia udeis (Paraburkholderia udeis, Burkholderia udeis)                         | 1            |           | Umb.   |
| Caballeronia zhejiangensis (Burkholderia zhejiangensis, Paraburkholderia zhejiangensis) | 1            | +         | Umb.   |
| <b>Caecibacterium</b>   |              |           |        |
| Caecibacterium sporiformans   | 1            |           | neu    |
| <b>Caedibacter</b>  |              |           |        |
| Caedibacter caryophilus   | 1            | n         |        |
| Caedibacter paraconjugatus  | 1            | n         |        |
| Caedibacter pseudomutans  | 1            | n         |        |
| Caedibacter taeniospiralis  | 1            | n         |        |
| Caedibacter varicaedens   | 1            | n         |        |
| <b>Caenibacillus</b>  |              |           |        |
| Caenibacillus caldisaponilyticus  | 1            |           | neu    |
| <b>Caenibacterium – synonym: Schlegelella</b>   |              |           |        |
| Caenibacterium thermophilum – synonym: Schlegelella thermodepolymerans                  |              |           |        |
| <b>Caenimicrobium</b>   |              |           |        |
| Caenimicrobium hargitense   | 1            |           | neu    |
| <b>Caenimonas</b>   |              |           |        |
| Caenimonas koreensis  | 1            |           |        |
| Caenimonas terrae   | 1            |           |        |
| <b>Caenispirillum</b>   |              |           |        |
| Caenispirillum bisanense  | 1            |           |        |
| Caenispirillum deserti  | 1            |           | neu    |
| Caenispirillum salinarum  | 1            |           |        |
| <b>Caldalkalibacillus</b>   |              |           |        |
| Caldalkalibacillus thermarum  | 1            |           |        |
| Caldalkalibacillus uzonenis   | 1            |           |        |
| <b>Caldanaerobacter</b>   |              |           |        |
| Caldanaerobacter subterraneus subsp. pacificus (Carboxydibrachium pacificum)            | 1            |           |        |
| Caldanaerobacter subterraneus subsp. subterraneus (Thermoanaerobacter subterraneus)     | 1            |           |        |
| Caldanaerobacter subterraneus subsp. tengcongensis (Thermoanaerobacter tengcongensis)   | 1            |           |        |
| Caldanaerobacter subterraneus subsp. yonseiensis (Thermoanaerobacter yonseiensis)       | 1            |           |        |
| Caldanaerobacter uzonensis  | 1            |           |        |
| <b>Caldanaerobius</b>   |              |           |        |
| Caldanaerobius fijiensis  | 1            |           |        |
| Caldanaerobius polysaccharolyticus (Thermoanaerobacterium polysaccharolyticum)          | 1            |           |        |
| Caldanaerobius zeae (Thermoanaerobacterium zeae)  | 1            |           |        |
| <b>Caldanaerovirga</b>  |              |           |        |
| Caldanaerovirga acetigignens  | 1            |           |        |
| <b>Calderihabitans</b>  |              |           |        |
| Calderihabitans maritimus   | 1            |           |        |
| <b>Calderobacterium → Hydrogenobacter</b>   |              |           |        |

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|--|--------------|-----------|--------|
| Calderobacterium hydrogenophilum → Hydrogenobacter hydrogenophilus |              |           |        |
| <b>Caldibacillus</b>   |              |           |        |
| Caldibacillus debilis (Geobacillus debilis)                        | 1            |           |        |
| <b>Caldicellulosiruptor</b>  |              |           |        |
| Caldicellulosiruptor acetigenus (Thermoanaerobium acetigenum)      | 1            |           |        |
| Caldicellulosiruptor bescii  | 1            |           |        |
| Caldicellulosiruptor changbaiensis                                 | 1            |           | neu    |
| Caldicellulosiruptor hydrothermalis                                | 1            |           |        |
| Caldicellulosiruptor kristjanssonii                                | 1            |           |        |
| Caldicellulosiruptor kronotskyensis                                | 1            |           |        |
| Caldicellulosiruptor lactoaceticus                                 | 1            |           |        |
| Caldicellulosiruptor owensensis                                    | 1            |           |        |
| Caldicellulosiruptor saccharolyticus                               | 1            |           |        |
| <b>Caldicoprobacter</b>  |              |           |        |
| Caldicoprobacter Algeriensis                                       | 1            |           |        |
| Caldicoprobacter faecalis (Acetomicrobium faecale)                 | 1            |           | Umb.   |
| Caldicoprobacter guelmensis  | 1            |           |        |
| Caldicoprobacter oshimai   | 1            |           |        |
| <b>Caldilinea</b>  |              |           |        |
| Caldilinea aerophila   | 1            |           |        |
| Caldilinea tarbellica  | 1            |           |        |
| <b>Caldimicrobium</b>  |              |           |        |
| Caldimicrobium rimae   | 1            |           |        |
| Caldimicrobium thiodismutans                                       | 1            |           | neu    |
| <b>Caldimonas</b>  |              |           |        |
| Caldimonas manganoxidans   | 1            |           |        |
| Caldimonas taiwanensis   | 1            |           |        |
| <b>Caldisalinibacter</b>   |              |           |        |
| Caldisalinibacter kiritimatiensis                                  | 1            |           | neu    |
| <b>Caldisericum</b>  |              |           |        |
| Caldisericum exile   | 1            |           |        |
| <b>Caldisphaera</b>  |              |           |        |
| Caldisphaera lagunensis  | 1            |           |        |
| <b>Calditerricola</b>  |              |           |        |
| Calditerricola satsumensis   | 1            |           |        |
| Calditerricola yamamurae   | 1            |           |        |
| <b>Calditerrivibrio</b>  |              |           |        |
| Calditerrivibrio nitroreducens                                     | 1            |           |        |
| <b>Caldithrix</b>  |              |           |        |
| Caldithrix abyssi  | 1            |           |        |
| Caldithrix palaeochoryensis  | 1            |           |        |
| <b>Caldivirga</b>  |              |           |        |
| Caldivirga maquilingensis  | 1            |           |        |
| <b>Caldovatus</b>  |              |           |        |
| Caldovatus sediminis   | 1            |           | neu    |

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|---|--------------|-----------|--------|
| <b>Calidifontibacter</b>                                  |              |           |        |
| Calidifontibacter indicus                                 | 1            |           |        |
| Calidifontibacter terrae                                  | 1            |           | neu    |
| <b>Caloramator</b>  |              |           |        |
| Caloramator boliviensis                                   | 1            |           |        |
| Caloramator coolhaasii                                    | 1            |           |        |
| Caloramator fervidus (Clostridium fervidum)               | 1            |           |        |
| Caloramator indicus                                       | 1            |           |        |
| Caloramator mitchellensis                                 | 1            |           |        |
| Caloramator proteoclasticus                               | 1            |           |        |
| Caloramator quimbayensis                                  | 1            |           |        |
| Caloramator viterbiensis                                  | 1            |           |        |
| <b>Caloranaerobacter</b>                                  |              |           |        |
| Caloranaerobacter azorensis                               | 1            |           |        |
| Caloranaerobacter ferrireducens                           | 1            |           | neu    |
| <b>Caloribacterium</b>                                    |              |           |        |
| Caloribacterium cisternae                                 | 1            |           |        |
| <b>Calorithrix</b>  |              |           |        |
| Calorithrix insularis                                     | 1            |           | neu    |
| <b>Calymmatobacterium → Klebsiella</b>                    |              |           |        |
| Calymmatobacterium granulomatis → Klebsiella granulomatis |              |           |        |
| <b>Camelimonas</b>  |              |           |        |
| Camelimonas abortus                                       | 1            | t+        |        |
| Camelimonas fluminis                                      | 1            |           | neu    |
| Camelimonas lactis  | 1            |           |        |
| <b>Caminibacter</b>                                       |              |           |        |
| Caminibacter hydrogeniphilus                              | 1            |           |        |
| Caminibacter mediatlanticus                               | 1            |           |        |
| Caminibacter profundus                                    | 1            |           |        |
| <b>Caminicella</b>  |              |           |        |
| Caminicella sporogenes                                    | 1            |           |        |
| <b>Campylobacter</b>                                      |              |           |        |
| Campylobacter avium                                       | 1            |           | neu    |
| Campylobacter butzleri → Arcobacter butzleri              |              |           |        |
| Campylobacter canadensis                                  | 1            |           |        |
| Campylobacter cinaedi → Helicobacter cinaedi              |              |           |        |
| Campylobacter coli  | 2            | Z         |        |
| Campylobacter concisus                                    | 2            |           |        |
| Campylobacter corcagiensis                                | 1            | t+        | neu    |
| Campylobacter cryaerophilus → Arcobacter cryaerophilus    |              |           |        |
| Campylobacter cuniculorum                                 | 1            | t+        | neu    |
| Campylobacter curvus (Wolinella curva)                    | 2            |           |        |
| Campylobacter fennelliae → Helicobacter fennelliae        |              |           |        |
| Campylobacter fetus subsp. fetus                          | 2            | Z         |        |

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|--|--------------|-----------|--------|
| <i>Campylobacter fetus</i> subsp. <i>testudinum</i>                                      | 2            | Z         | neu    |
| <i>Campylobacter fetus</i> subsp. <i>venerealis</i>                                      | 2            | t         |        |
| <i>Campylobacter gracilis</i> ( <i>Bacteroides gracilis</i> )                            | 2            |           |        |
| <i>Campylobacter helveticus</i>  | 2            | t         |        |
| <i>Campylobacter hepaticus</i>   | 2            | t         | neu    |
| <i>Campylobacter hominis</i>   | 1            |           |        |
| <i>Campylobacter hyoilei</i> – synonym: <i>Campylobacter coli</i>                        |              |           |        |
| <i>Campylobacter hyointestinalis</i> subsp. <i>hyointestinalis</i>                       | 2            | Z         |        |
| <i>Campylobacter hyointestinalis</i> subsp. <i>lawsonii</i>                              | 1            |           |        |
| <i>Campylobacter iguaniorum</i>  | 1            | t+        | neu    |
| <i>Campylobacter insulaenigrae</i>   | 1            | +         | Bem.   |
| <i>Campylobacter jejuni</i> subsp. <i>doylei</i>   | 2            |           |        |
| <i>Campylobacter jejuni</i> subsp. <i>jejuni</i>   | 2            | Z         |        |
| <i>Campylobacter lanienae</i>  | 1            | +         |        |
| <i>Campylobacter lari</i> subsp. <i>concheus</i>   | 2            | Z         |        |
| <i>Campylobacter lari</i> subsp. <i>lari</i> ( <i>Campylobacter lari</i> )               | 2            | Z         |        |
| <i>Campylobacter lari</i> → <i>Campylobacter lari</i> subsp. <i>lari</i>                 |              |           |        |
| <i>Campylobacter mucosalis</i> ( <i>Campylobacter sputorum</i> subsp. <i>mucosalis</i> ) | 2            | t         |        |
| <i>Campylobacter mustelae</i> → <i>Helicobacter mustelae</i>                             |              |           |        |
| <i>Campylobacter nitrofigilis</i> → <i>Arcobacter nitrofigilis</i>                       |              |           |        |
| <i>Campylobacter peloridis</i>   | 2            | Z         |        |
| <i>Campylobacter pinnipediorum</i> subsp. <i>caledonicus</i>                             | 2            | t         | neu    |
| <i>Campylobacter pinnipediorum</i> subsp. <i>pinnipediorum</i>                           | 2            | t         | neu    |
| <i>Campylobacter pylori</i> subsp. <i>mustelae</i> → <i>Helicobacter mustelae</i>        |              |           |        |
| <i>Campylobacter pylori</i> subsp. <i>pylori</i> → <i>Helicobacter pylori</i>            |              |           |        |
| <i>Campylobacter pylori</i> → <i>Helicobacter pylori</i>                                 |              |           |        |
| <i>Campylobacter rectus</i> ( <i>Wolinella recta</i> )                                   | 2            | Z         |        |
| <i>Campylobacter showae</i>  | 1            | +         |        |
| <i>Campylobacter sputorum</i> subsp. <i>bubulus</i>                                      | 2            | t         |        |
| <i>Campylobacter sputorum</i> subsp. <i>mucosalis</i> → <i>Campylobacter mucosalis</i>   |              |           |        |
| <i>Campylobacter sputorum</i> subsp. <i>sputorum</i>                                     | 2            |           |        |
| <i>Campylobacter subantarcticus</i>  | 1            | t+        |        |
| <i>Campylobacter upsaliensis</i>   | 2            | Z         |        |
| <i>Campylobacter ureolyticus</i> ( <i>Bacteroides ureolyticus</i> )                      | 2            | ht        |        |
| <i>Campylobacter volucris</i>  | 1            | +         | neu    |
| <b>Candidimonas</b>  |              |           |        |
| <i>Candidimonas bauzanensis</i>  | 1            |           |        |
| <i>Candidimonas humi</i>   | 1            |           |        |
| <i>Candidimonas nitroreducens</i>  | 1            |           |        |

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|--|--------------|-----------|--------|
| <b>Canibacter</b>  |              |           |        |
| Canibacter oris  | 1            | +         |        |
| <b>Capnocytophaga</b>  |              |           |        |
| Capnocytophaga canimorsus  | 2            | ht        |        |
| Capnocytophaga canis   | 2            | Z         | neu    |
| Capnocytophaga cynodegmi   | 2            | ht        |        |
| Capnocytophaga gingivalis  | 2            |           |        |
| Capnocytophaga granulosa   | 2            |           |        |
| Capnocytophaga haemolytica   | 2            |           |        |
| Capnocytophaga leadbetteri   | 1            | +         |        |
| Capnocytophaga ochracea (Bacteroides ochraceus)                              | 2            |           |        |
| Capnocytophaga sputigena   | 2            |           |        |
| <b>Caproiciproducens</b>   |              |           |        |
| Caproiciproducens galactitolivorans  | 1            |           | neu    |
| <b>Capsularis → Prevotella</b>   |              |           |        |
| Capsularis zooglyphiformans → Prevotella zooglyphiformans                    |              |           |        |
| <b>Carbophilus</b>   |              |           |        |
| Carbophilus carboxidus   | 1            |           |        |
| <b>Carboxydibrachium → Caldanaerobacter</b>                                  |              |           |        |
| Carboxydibrachium pacificum → Caldanaerobacter subterraneus subsp. pacificus |              |           |        |
| <b>Carboxydocella</b>  |              |           |        |
| Carboxydocella manganica   | 1            |           |        |
| Carboxydocella sporoproducens  | 1            |           |        |
| Carboxydocella thermotrophica  | 1            |           |        |
| <b>Carboxydotherrmus</b>   |              |           |        |
| Carboxydotherrmus ferrireducens (Thermoterrabacterium ferrireducens)         | 1            |           |        |
| Carboxydotherrmus hydrogenoformans   | 1            |           |        |
| Carboxydotherrmus islandicus   | 1            |           |        |
| Carboxydotherrmus pertinax   | 1            |           |        |
| <b>Carboxylicivirga</b>  |              |           |        |
| Carboxylicivirga flava   | 1            |           | neu    |
| Carboxylicivirga linearis  | 1            |           | neu    |
| Carboxylicivirga mesophila   | 1            |           |        |
| Carboxylicivirga taeanensis  | 1            |           |        |
| <b>Cardiobacterium</b>   |              |           |        |
| Cardiobacterium hominis  | 2            |           |        |
| Cardiobacterium valvarum   | 2            |           |        |
| <b>Carnimonas</b>  |              |           |        |
| Carnimonas nigrificans   | 1            |           |        |
| <b>Carnobacterium</b>  |              |           |        |
| Carnobacterium alterfunditum   | 1            |           |        |
| Carnobacterium divergens (Lactobacillus divergens)                           | 1            |           |        |
| Carnobacterium funditum  | 1            |           |        |

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|--|--------------|-----------|--------|
| <i>Carnobacterium gallinarum</i>   | 1            |           |        |
| <i>Carnobacterium iners</i>  | 1            |           |        |
| <i>Carnobacterium inhibens</i> → <i>Carnobacterium inhibens</i> subsp. <i>inhibens</i>                                 |              |           | Umb.   |
| <i>Carnobacterium inhibens</i> subsp. <i>gilichinskyi</i>  | 1            |           | neu    |
| <i>Carnobacterium inhibens</i> subsp. <i>inhibens</i> ( <i>Carnobacterium inhibens</i> )                               | 1            |           | Umb.   |
| <i>Carnobacterium jeotgali</i>   | 1            |           |        |
| <i>Carnobacterium maltaromaticum</i> ( <i>Lactobacillus maltaromicus</i> ), (umfasst <i>Carnobacterium piscicola</i> ) | 2            | t         |        |
| <i>Carnobacterium mobile</i>   | 1            |           |        |
| <i>Carnobacterium piscicola</i> – synonym: <i>Carnobacterium maltaromaticum</i>  |              |           |        |
| <i>Carnobacterium pleistocenium</i>  | 1            |           |        |
| <i>Carnobacterium viridans</i>   | 1            |           |        |
| <b>Caryophanon</b>   |              |           |        |
| <i>Caryophanon latum</i>   | 1            |           |        |
| <i>Caryophanon tenue</i>   | 1            |           |        |
| <b>Caseobacter – synonym: Corynebacterium</b>  |              |           |        |
| <i>Caseobacter polymorphus</i> – synonym: <i>Corynebacterium variabile</i>   |              |           |        |
| <b>Castellaniella</b>  |              |           |        |
| <i>Castellaniella caeni</i>  | 1            |           |        |
| <i>Castellaniella daejeonensis</i>   | 1            |           |        |
| <i>Castellaniella defragans</i> ( <i>Alcaligenes defragans</i> )   | 1            |           |        |
| <i>Castellaniella denitrificans</i>  | 1            |           |        |
| <i>Castellaniella fermenti</i>   | 1            |           | neu    |
| <i>Castellaniella ginsengisoli</i>   | 1            |           |        |
| <i>Castellaniella hirudinis</i>  | 1            |           |        |
| <b>Catabacter</b>  |              |           |        |
| <i>Catabacter hongkongensis</i>  | 2            |           | neu    |
| <b>Catalinimonas</b>   |              |           |        |
| <i>Catalinimonas alkaloidigena</i>   | 1            |           |        |
| <i>Catalinimonas niigatensis</i>   | 1            |           | neu    |
| <b>Catellatospora</b>  |              |           |        |
| <i>Catellatospora bangladeshensis</i>  | 1            |           |        |
| <i>Catellatospora chokoriensis</i>   | 1            |           |        |
| <i>Catellatospora citrea</i> ( <i>Catellatospora citrea</i> subsp. <i>citrea</i> )                                     | 1            |           |        |
| <i>Catellatospora citrea</i> subsp. <i>citrea</i> → <i>Catellatospora citrea</i>                                       |              |           |        |
| <i>Catellatospora citrea</i> subsp. <i>methionotrophica</i> → <i>Catellatospora methionotrophica</i>                   |              |           |        |
| <i>Catellatospora coxensis</i>   | 1            |           |        |
| <i>Catellatospora ferruginea</i> → <i>Asanoa ferruginea</i>  |              |           |        |
| <i>Catellatospora koreensis</i> → <i>Catelliglobospora koreensis</i>   |              |           |        |
| <i>Catellatospora matsumotoense</i> → <i>Micromonospora matsumotoense</i>  |              |           |        |



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|---|--------------|-----------|--------|
| Catellatospora methionotrophica (Catellatospora citrea subsp. methionotrophica) | 1            |           |        |
| Catellatospora paridis  | 1            |           | neu    |
| Catellatospora tagetis  | 1            |           | neu    |
| Catellatospora tsunoense → Hamadaea tsunoensis                                  |              |           |        |
| Catellatospora vulcania   | 1            |           | neu    |
| <b>Catellibacterium → Gemmobacter</b>   |              |           |        |
| Catellibacterium aquatile → Gemmobacter aquaticus                               |              |           |        |
| Catellibacterium caeni → Gemmobacter caeni                                      |              |           |        |
| Catellibacterium changlense (Rhodobacter changlensis) → Gemmobacter changlensis |              |           |        |
| Catellibacterium nanjingense → Gemmobacter nanjingensis                         |              |           |        |
| Catellibacterium nectariphilum → Gemmobacter nectariphilus                      |              |           |        |
| <b>Catelicoccus</b>   |              |           |        |
| Catelicoccus marimammalium  | 1            | t+        |        |
| <b>Catelliglobospora</b>  |              |           |        |
| Catelliglobospora koreensis (Catellatospora koreensis)                          | 1            |           |        |
| <b>Catenibacterium</b>  |              |           |        |
| Catenibacterium mitsuokai   | 1            |           |        |
| <b>Catenisphaera</b>  |              |           |        |
| Catenisphaera adipataaccumulans   | 1            |           | neu    |
| <b>Catenococcus</b>   |              |           |        |
| Catenococcus thiocycli  | 1            |           |        |
| <b>Catenovulum</b>  |              |           |        |
| Catenovulum agarivorans   | 1            |           |        |
| Catenovulum maritimum   | 1            |           | neu    |
| Catenovulum sediminis   | 1            |           | neu    |
| <b>Catenulispora</b>  |              |           |        |
| Catenulispora acidiphila  | 1            |           |        |
| Catenulispora fulva   | 1            |           | neu    |
| Catenulispora graminis  | 1            |           |        |
| Catenulispora rubra   | 1            |           |        |
| Catenulispora subtropica  | 1            |           |        |
| Catenulispora yoronensis  | 1            |           |        |
| <b>Catenuloplanes</b>   |              |           |        |
| Catenuloplanes atrovinosus  | 1            |           |        |
| Catenuloplanes castaneus  | 1            |           |        |
| Catenuloplanes crispus (Planopolyspora crispa)                                  | 1            |           |        |
| Catenuloplanes indicus  | 1            |           |        |
| Catenuloplanes japonicus  | 1            |           |        |
| Catenuloplanes nepalensis   | 1            |           |        |
| Catenuloplanes niger  | 1            |           |        |
| <b>Catonella</b>  |              |           |        |
| Catonella morbi   | 2            |           |        |

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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| <b>Caulobacter</b>   |              |           |        |
| Caulobacter bacteroides → Brevundimonas bacteroides                  |              |           |        |
| Caulobacter crescentus – synonym: Caulobacter vibrioides             |              |           |        |
| Caulobacter daechungensis  | 1            |           |        |
| Caulobacter flavus   | 1            |           | neu    |
| Caulobacter fusiformis   | 1            |           |        |
| Caulobacter ginsengisoli   | 1            |           |        |
| Caulobacter halobacteroides – synonym: Maricaulis maris              |              |           |        |
| Caulobacter henricii   | 1            |           |        |
| „Caulobacter henricii subsp. aurantiacus“ → Brevundimonas aurantiaca |              |           |        |
| Caulobacter hibisci  | 1            |           | neu    |
| Caulobacter intermedius → Brevundimonas intermedia                   |              |           |        |
| Caulobacter leidyi → Sphingomonas leidyi                             |              |           |        |
| Caulobacter maris → Maricaulis maris                                 |              |           |        |
| Caulobacter mirabilis  | 1            |           |        |
| Caulobacter profundus  | 1            |           |        |
| Caulobacter rhizosphaerae  | 1            |           | neu    |
| Caulobacter segnis (Mycoplana segnis)                                | 1            |           |        |
| „Caulobacter subvibrioides subsp. albus“ → Brevundimonas alba        |              |           |        |
| Caulobacter subvibrioides → Brevundimonas subvibrioides              |              |           |        |
| Caulobacter variabilis → Brevundimonas variabilis                    |              |           |        |
| Caulobacter vibrioides   | 1            |           |        |
| <b>Cavicella</b>   |              |           |        |
| Cavicella subterranea  | 1            |           | neu    |
| <b>Caviibacter</b>   |              |           |        |
| Caviibacter abscessus  | 2            | t         | neu    |
| <b>Cecembia</b>  |              |           |        |
| Cecembia calidifontis  | 1            |           |        |
| Cecembia lonarensis  | 1            |           |        |
| Cecembia rubra   | 1            |           | neu    |
| <b>Cedecea</b>   |              |           |        |
| Cedecea davisae  | 2            |           |        |
| Cedecea lapagei  | 2            |           |        |
| Cedecea neteri   | 2            |           |        |
| <b>Celeribacter</b>  |              |           |        |
| Celeribacter baekdonensis  | 1            |           |        |
| Celeribacter ethanolicus   | 1            |           | neu    |
| Celeribacter halophilus (Huaishuia halophila)                        | 1            |           | Umb.   |
| Celeribacter indicus   | 1            |           | neu    |
| Celeribacter manganoxidans   | 1            |           | neu    |
| Celeribacter marinus   | 1            |           |        |

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|---|--------------|-----------|--------|
| <i>Celeribacter naphthalenivorans</i>                                     | 1            |           | neu    |
| <i>Celeribacter neptunius</i>   | 1            |           |        |
| <i>Celeribacter persicus</i>  | 1            |           | neu    |
| <b>Celerinatantimonas</b>   |              |           |        |
| <i>Celerinatantimonas diazotrophica</i>                                   | 1            |           |        |
| <i>Celerinatantimonas yamalensis</i>                                      | 1            |           |        |
| <b>Cellulomonas</b>   |              |           |        |
| <i>Cellulomonas aerilata</i>  | 1            |           |        |
| <i>Cellulomonas biazotea</i>  | 1            |           |        |
| <i>Cellulomonas bogoriensis</i>   | 1            |           |        |
| <i>Cellulomonas carbonis</i>  | 1            |           |        |
| <i>Cellulomonas cartae</i> – synonym: <i>Cellulosimicrobium cellulans</i> |              |           |        |
| <i>Cellulomonas cellasea</i>  | 1            |           |        |
| <i>Cellulomonas cellulans</i> → <i>Cellulosimicrobium cellulans</i>       |              |           |        |
| <i>Cellulomonas chitinilytica</i>   | 1            |           |        |
| <i>Cellulomonas composti</i>  | 1            |           |        |
| <i>Cellulomonas denverensis</i>   | 1            | +         |        |
| <i>Cellulomonas fermentans</i> → <i>Actinotalea fermentans</i>            |              |           |        |
| <i>Cellulomonas fimi</i>  | 1            |           |        |
| <i>Cellulomonas flavigena</i>   | 1            |           |        |
| <i>Cellulomonas gelida</i>  | 1            |           |        |
| <i>Cellulomonas hominis</i>   | 1            | +         |        |
| <i>Cellulomonas humilata</i> ( <i>Actinomyces humiferus</i> )             | 1            |           |        |
| <i>Cellulomonas iranensis</i>   | 1            |           |        |
| <i>Cellulomonas marina</i>  | 1            |           |        |
| <i>Cellulomonas massiliensis</i>  | 1            |           | neu    |
| <i>Cellulomonas oligotrophica</i>   | 1            |           |        |
| <i>Cellulomonas pakistanensis</i>   | 1            |           | neu    |
| <i>Cellulomonas persica</i>   | 1            |           |        |
| <i>Cellulomonas phragmiteti</i>   | 1            |           |        |
| <i>Cellulomonas soli</i>  | 1            |           |        |
| <i>Cellulomonas terrae</i>  | 1            |           |        |
| <i>Cellulomonas uda</i>   | 1            |           |        |
| <i>Cellulomonas xylanilytica</i>  | 1            |           |        |
| <b>Cellulophaga</b>   |              |           |        |
| <i>Cellulophaga algicola</i>  | 1            |           |        |
| <i>Cellulophaga baltica</i>   | 1            |           |        |
| <i>Cellulophaga fucicola</i>  | 1            |           |        |
| <i>Cellulophaga geojensis</i>   | 1            |           |        |
| <i>Cellulophaga lytica</i> ( <i>Cytophaga lytica</i> )                    | 1            |           |        |
| <i>Cellulophaga pacifica</i>  | 1            |           |        |
| <i>Cellulophaga tyrosinoxydans</i>  | 1            |           |        |
| <i>Cellulophaga uliginosa</i> → <i>Zobellia uliginosa</i>                 |              |           |        |
| <b>Cellulosibacter</b>  |              |           |        |

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|---|--------------|-----------|--------|
| Cellulosibacter alkalithermophilus  | 1            |           |        |
| <b>Cellulosilyticum</b>   |              |           |        |
| Cellulosilyticum lentocellum (Clostridium lentocellum)                    | 1            |           |        |
| Cellulosilyticum ruminicola   | 1            |           |        |
| <b>Cellulosimicrobium</b>   |              |           |        |
| Cellulosimicrobium aquatile   | 1            |           | neu    |
| Cellulosimicrobium cellulans (Nocardia cellulans, Cellulomonas cellulans) | 1            | ht+       |        |
| Cellulosimicrobium funkei   | 1            | +         |        |
| Cellulosimicrobium marinum  | 1            |           | neu    |
| Cellulosimicrobium terreum  | 1            |           |        |
| Cellulosimicrobium variabile → Isoptericola variabilis                    |              |           |        |
| <b>Cellvibrio</b>   |              |           |        |
| Cellvibrio diazotrophicus   | 1            |           |        |
| Cellvibrio fibrivorans  | 1            |           |        |
| Cellvibrio fontiphilus  | 1            |           | neu    |
| Cellvibrio fulvus   | 1            |           |        |
| Cellvibrio gandavensis  | 1            |           |        |
| Cellvibrio japonicus  | 1            |           |        |
| Cellvibrio mixtus subsp. dextranolyticus                                  | 1            |           |        |
| Cellvibrio mixtus subsp. mixtus   | 1            |           |        |
| Cellvibrio ostraviensis   | 1            |           |        |
| Cellvibrio vulgaris   | 1            |           |        |
| Cellvibrio zantedeschiae  | 1            |           | neu    |
| <b>Centipeda</b>  |              |           |        |
| Centipeda periodontii   | 2            |           |        |
| <b>Cephaloticoccus</b>  |              |           |        |
| Cephaloticoccus capnophilus   | 1            |           | neu    |
| Cephaloticoccus primus  | 1            |           | neu    |
| <b>Cerasibacillus</b>   |              |           |        |
| Cerasibacillus quisquiliarum  | 1            |           |        |
| <b>Cerasicoccus</b>   |              |           |        |
| Cerasicoccus arenae   | 1            |           |        |
| <b>Cereibacter</b>  |              |           |        |
| Cereibacter changlensis (Gemmobacter changlensis)                         | 1            |           | Umb.   |
| <b>Cesiribacter</b>   |              |           |        |
| Cesiribacter andamanensis   | 1            |           |        |
| Cesiribacter roseus   | 1            |           |        |
| <b>Cetia</b>  |              |           |        |
| Cetia pacifica  | 1            |           | neu    |
| <b>Cetobacterium</b>  |              |           |        |
| Cetobacterium ceti  | 2            | t         |        |
| Cetobacterium somerae   | 1            |           |        |
| <b>Chainia → Streptomyces</b>   |              |           |        |

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|---|---------------------|------------------|---------------|
| Chainia antibiotica – synonym: Streptomyces sclerotialus            |                     |                  |               |
| Chainia flava – synonym: Streptomyces minutiscleroticus             |                     |                  |               |
| Chainia fumigata – synonym: Streptomyces fumigatiscleroticus        |                     |                  |               |
| Chainia kunmingensis → Streptomyces kunmingensis                    |                     |                  |               |
| Chainia minutisclerotica – synonym: Streptomyces minutiscleroticus  |                     |                  |               |
| Chainia nigra → Streptomyces niger                                  |                     |                  |               |
| Chainia ochracea – synonym: Streptomyces ochraceiscleroticus        |                     |                  |               |
| Chainia olivacea – synonym: Streptomyces olivaceiscleroticus        |                     |                  |               |
| Chainia poonensis – synonym: Streptomyces poonensis                 |                     |                  |               |
| Chainia purpurogena – synonym: Streptomyces purpurogeneiscleroticus |                     |                  |               |
| Chainia rosea – synonym: Streptomyces roseiscleroticus              |                     |                  |               |
| Chainia rubra → Streptomyces ruber                                  |                     |                  |               |
| Chainia violens → Streptomyces violens                              |                     |                  |               |
| <b>Changchengzhania</b>   |                     |                  |               |
| Changchengzhania lutea  | 1                   |                  | neu           |
| <b>Chania</b>   |                     |                  |               |
| Chania multitudinisentens   | 1                   |                  | neu           |
| <b>Chelativorans</b>  |                     |                  |               |
| Chelativorans composti (Thermovum composti)                         | 1                   |                  | Umb.          |
| Chelativorans intermedius   | 1                   |                  | neu           |
| Chelativorans multitrophicus  | 1                   |                  |               |
| Chelativorans oligotrophicus  | 1                   |                  |               |
| <b>Chelatobacter – synonym: Aminobacter</b>                         |                     |                  |               |
| Chelatobacter heintzii – synonym: Aminobacter aminovorans           |                     |                  |               |
| <b>Chelatococcus</b>  |                     |                  |               |
| Chelatococcus asaccharovorans                                       | 1                   |                  |               |
| Chelatococcus caeni   | 1                   |                  | neu           |
| Chelatococcus composti  | 1                   |                  | neu           |
| Chelatococcus daeguensis  | 1                   |                  |               |
| Chelatococcus reniformis  | 1                   |                  | neu           |
| Chelatococcus sambhunathii  | 1                   |                  |               |
| <b>Chelonobacter</b>  |                     |                  |               |
| Chelonobacter oris  | 2                   | t                | neu           |
| <b>Chenggangzhangella</b>   |                     |                  |               |
| Chenggangzhangella methanolivorans                                  | 1                   |                  | neu           |
| <b>Chengkuizengella</b>   |                     |                  |               |
| Chengkuizengella sediminis  | 1                   |                  | neu           |
| <b>Chiayiivirga</b>   |                     |                  |               |
| Chiayiivirga flava  | 1                   |                  |               |
| <b>Chimaereicella → Algoriphagus</b>                                |                     |                  |               |

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|--|--------------|-----------|--------|
| Chimaericella alkaliphila → Algoriphagus alkaliphilus  |              |           |        |
| Chimaericella boritolerans → Algoriphagus boritolerans |              |           |        |
| <b>Chishuiella</b>                                     |              |           |        |
| Chishuiella changwenlii                                | 1            |           | neu    |
| <b>Chitinibacter</b>                                   |              |           |        |
| Chitinibacter alvei                                    | 1            |           |        |
| Chitinibacter fontanus                                 | 1            |           | neu    |
| Chitinibacter tainanensis                              | 1            |           |        |
| <b>Chitinilyticum</b>                                  |              |           |        |
| Chitinilyticum aquatile                                | 1            |           |        |
| Chitinilyticum litopenaei                              | 1            |           |        |
| <b>Chitinimonas</b>                                    |              |           |        |
| Chitinimonas koreensis                                 | 1            |           |        |
| Chitinimonas lacunae                                   | 1            |           | neu    |
| Chitinimonas naiadis                                   | 1            |           | neu    |
| Chitinimonas prasina                                   | 1            |           | neu    |
| Chitinimonas taiwanensis                               | 1            |           |        |
| Chitinimonas viridis                                   | 1            |           |        |
| <b>Chitiniphilus</b>                                   |              |           |        |
| Chitiniphilus shinanonensis                            | 1            |           |        |
| <b>Chitinispirillum</b>                                |              |           |        |
| Chitinispirillum alkaliphilum                          | 1            |           | neu    |
| <b>Chitinivibrio</b>                                   |              |           |        |
| Chitinivibrio alkaliphilus                             | 1            |           | neu    |
| <b>Chitinivorax</b>                                    |              |           |        |
| Chitinivorax tropicus                                  | 1            |           |        |
| <b>Chitinophaga</b>                                    |              |           |        |
| Chitinophaga arvensicola (Cytophaga arvensicola)       | 1            |           |        |
| Chitinophaga barathri                                  | 1            |           | neu    |
| Chitinophaga costaii                                   | 1            |           |        |
| Chitinophaga cymbidii                                  | 1            |           |        |
| Chitinophaga dinghuensis                               | 1            |           | neu    |
| Chitinophaga eiseniae                                  | 1            |           |        |
| Chitinophaga filiformis (Flexibacter filiformis)       | 1            |           |        |
| Chitinophaga ginsengihumi                              | 1            |           | neu    |
| Chitinophaga ginsengisegetis                           | 1            |           |        |
| Chitinophaga ginsengisoli                              | 1            |           |        |
| Chitinophaga japonensis (Flexibacter japonensis)       | 1            |           |        |
| Chitinophaga jiangningensis                            | 1            |           |        |
| Chitinophaga longshanensis                             | 1            |           | neu    |
| Chitinophaga niabensis                                 | 1            |           |        |
| Chitinophaga niastensis                                | 1            |           |        |
| Chitinophaga oryziterrae                               | 1            |           |        |
| Chitinophaga pinensis                                  | 1            |           |        |

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|--|--------------|-----------|--------------|
| <i>Chitinophaga polysaccharea</i>  | 1            |           |              |
| <i>Chitinophaga qingshengii</i>  | 1            |           | neu          |
| <i>Chitinophaga rhizosphaerae</i>  | 1            |           | neu          |
| <i>Chitinophaga rupis</i>  | 1            |           |              |
| <i>Chitinophaga sancti</i> ( <i>Flexibacter sancti</i> )   | 1            |           |              |
| <i>Chitinophaga sedimenti</i>  | 1            |           | neu          |
| <i>Chitinophaga skermanii</i>  | 1            |           |              |
| <i>Chitinophaga taiwanensis</i>  | 1            |           |              |
| <i>Chitinophaga terrae</i>   | 1            |           |              |
| <b>Chlamydia</b>   |              |           |              |
| <i>Chlamydia abortus</i> ( <i>Chlamydophila abortus</i> )  | 2            | Z         | Umb.         |
| <i>Chlamydia avium</i>   | 2            | t         | neu          |
| <i>Chlamydia caviae</i> ( <i>Chlamydophila caviae</i> )  | 2            | t         | Umb.         |
| <i>Chlamydia felis</i> ( <i>Chlamydophila felis</i> )  | 2            | Z         | Umb.         |
| <i>Chlamydia gallinacea</i> <sup>20</sup>  | 2            | t         | Einst., Bem. |
| <i>Chlamydia muridarum</i>   | 2            | t         |              |
| <i>Chlamydia pecorum</i> ( <i>Chlamydophila pecorum</i> )  | 2            | t         | Umb.         |
| <i>Chlamydia pneumoniae</i> ( <i>Chlamydophila pneumoniae</i> )  | 2            | ht        | Umb.         |
| <i>Chlamydia psittaci</i> <sup>7</sup> ( <i>Chlamydophila psittaci</i> )   | 3            | Z         | Umb.         |
| <i>Chlamydia suis</i>  | 2            | t         |              |
| <i>Chlamydia trachomatis</i>   | 2            |           |              |
| <b>Chlamydophila</b>   |              |           |              |
| <i>Chlamydophila abortus</i> → <i>Chlamydia abortus</i>  |              |           | Umb.         |
| <i>Chlamydophila caviae</i> → <i>Chlamydia caviae</i>  |              |           | Umb.         |
| <i>Chlamydophila felis</i> → <i>Chlamydia felis</i>  |              |           | Umb.         |
| <i>Chlamydophila pecorum</i> → <i>Chlamydia pecorum</i>  |              |           | Umb.         |
| <i>Chlamydophila pneumoniae</i> → <i>Chlamydia pneumoniae</i>  |              |           | Umb.         |
| <i>Chlamydophila psittaci</i> → <i>Chlamydia psittaci</i>  |              |           | Umb.         |
| <b>Chloracidobacterium</b>   |              |           |              |
| <i>Chloracidobacterium thermophilum</i>  | 1            |           | neu          |
| <b>Chlorobaculum</b>   |              |           |              |
| „ <i>Chlorobaculum chlorovibrioides</i> “ ( <i>Chlorobacterium chlorovibrioides</i> , <i>Chlorobium chlorovibrioides</i> ) | 1            |           |              |
| <i>Chlorobaculum limnaeum</i>  | 1            |           |              |
| <i>Chlorobaculum parvum</i>  | 1            |           |              |
| <i>Chlorobaculum tepidum</i> ( <i>Chlorobium tepidum</i> )   | 1            |           |              |
| <i>Chlorobaculum thiosulfatiphilum</i>   | 1            |           |              |
| <b>Chlorobium</b>  |              |           |              |

<sup>7</sup> Es gibt weniger virulente Standortvarietäten (Stämme nicht-aviären Ursprungs), die als Risikogruppe 2-Organismen behandelt werden können, bzw. in Risikogruppe 2 eingestuft werden können.

<sup>20</sup> Ein zoonotisches Potenzial von *Chlamydia gallinacea* wurde vermutet (K. Laroucau, F. Vorimore, R. Aaziz, A. Berndt, E. Schubert, K. Sachse, Isolation of a new chlamydial agent from infected domestic poultry coincided with cases of atypical pneumonia among slaughterhouse workers in France, *Infect. Genet. Evol.* (2009), 9, 1240-1247), konnte bisher jedoch nicht belegt werden.

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|---|--------------|-----------|--------|
| Chlorobium chlorovibrioides → „Chlorobaculum chlorovibrioides“                          |              |           |        |
| Chlorobium clathratiforme (Pelodictyon clathratiforme, Pelodictyon phaeoclathratiforme) | 1            |           |        |
| Chlorobium limicola   | 1            |           |        |
| Chlorobium luteolum (Pelodictyon luteolum)  | 1            |           |        |
| Chlorobium phaeobacteroides   | 1            |           |        |
| Chlorobium phaeovibrioides  | 1            |           |        |
| Chlorobium tepidum → Chlorobaculum tepidum  |              |           |        |
| Chlorobium vibrioforme → Prosthecochloris vibrioformis                                  |              |           |        |
| <b>Chloroflexus</b>   |              |           |        |
| Chloroflexus aggregans  | 1            |           |        |
| Chloroflexus aurantiacus  | 1            |           |        |
| Chloroflexus islandicus   | 1            |           | neu    |
| <b>Chloroherpeton</b>   |              |           |        |
| Chloroherpeton thalassium   | 1            |           |        |
| <b>Chloronema</b>   |              |           |        |
| Chloronema giganteum  | 1            |           |        |
| <b>Chondromyces</b>   |              |           |        |
| Chondromyces apiculatus   | 1            |           |        |
| Chondromyces catenulatus  | 1            |           |        |
| Chondromyces crocatus   | 1            |           |        |
| Chondromyces lanuginosus  | 1            |           |        |
| Chondromyces pediculatus  | 1            |           |        |
| Chondromyces robustus   | 1            |           |        |
| <b>Christensenella</b>  |              |           |        |
| Christensenella minuta  | 1            |           |        |
| <b>Chromatium</b>   |              |           |        |
| Chromatium buderi → Isochromatium buderi  |              |           |        |
| Chromatium glycolicum → Halochromatium glycolicum                                       |              |           |        |
| Chromatium gracile → Marichromatium gracile   |              |           |        |
| Chromatium minus → Thiocystis minor   |              |           |        |
| Chromatium minutissimum → Allochromatium minutissimum                                   |              |           |        |
| Chromatium okenii   | 1            |           |        |
| Chromatium purpuratum → Marichromatium purpuratum                                       |              |           |        |
| Chromatium salexigens → Halochromatium salexigens                                       |              |           |        |
| Chromatium tepidum → Thermochromatium tepidum   |              |           |        |
| Chromatium vinosum → Allochromatium vinosum   |              |           |        |
| Chromatium violascens → Thiocystis violascens   |              |           |        |
| Chromatium warmingii → Allochromatium warmingii   |              |           |        |
| Chromatium weissei  | 1            |           |        |
| <b>Chromatocurvus</b>   |              |           |        |
| Chromatocurvus halotolerans   | 1            |           |        |



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|--|--------------|-----------|--------|
| <b>Chromobacterium</b>                                       |              |           |        |
| Chromobacterium alkanivorans                                 | 1            |           | neu    |
| Chromobacterium amazonense                                   | 1            |           | neu    |
| Chromobacterium aquaticum                                    | 1            |           |        |
| Chromobacterium fluviatile → Iodobacter fluviatilis          |              |           |        |
| Chromobacterium haemolyticum                                 | 1            | +         |        |
| Chromobacterium piscinae                                     | 1            | n         | Bem.   |
| Chromobacterium pseudoviolaceum                              | 2            | ht        | neu    |
| Chromobacterium rhizoryzae                                   | 1            |           | neu    |
| Chromobacterium sphagni                                      | 1            | n         | neu    |
| Chromobacterium subtsugae                                    | 1            | n         |        |
| Chromobacterium vaccinii                                     | 1            | n         | Bem.   |
| Chromobacterium violaceum                                    | 2            | ht        |        |
| <b>Chromohalobacter</b>                                      |              |           |        |
| Chromohalobacter beijerinckii (Pseudomonas beijerinckii)     | 1            |           |        |
| Chromohalobacter canadensis (Halomonas canadensis)           | 1            |           |        |
| Chromohalobacter israelensis (Halomonas israelensis)         | 1            |           |        |
| Chromohalobacter japonicus                                   | 1            |           |        |
| Chromohalobacter marismortui                                 | 1            |           |        |
| Chromohalobacter nigrandesensis                              | 1            |           |        |
| Chromohalobacter salarius → Salinicola halophilus            |              |           |        |
| Chromohalobacter salexigens                                  | 1            |           |        |
| Chromohalobacter sarecensis                                  | 1            |           |        |
| <b>Chryseobacterium</b>                                      |              |           |        |
| Chryseobacterium aahli                                       | 1            | t2        |        |
| Chryseobacterium angstadtii                                  | 1            |           |        |
| Chryseobacterium antarcticum (Sejonia antarctica)            | 1            |           |        |
| Chryseobacterium anthropi                                    | 2            | ht        |        |
| Chryseobacterium aquaticum                                   | 1            |           |        |
| Chryseobacterium aquifrigidense                              | 1            |           |        |
| Chryseobacterium arachidiradicis                             | 1            |           | neu    |
| Chryseobacterium arachidis                                   | 1            |           |        |
| Chryseobacterium arothri – synonym: Chryseobacterium hominis |              |           |        |
| Chryseobacterium arthrosphaerae                              | 1            |           |        |
| Chryseobacterium artocarpri                                  | 1            |           | neu    |
| Chryseobacterium balustinum (Flavobacterium balustinum)      | 1            | t+        |        |
| Chryseobacterium bernardetii                                 | 1            | +         |        |
| Chryseobacterium bovis                                       | 1            |           |        |
| Chryseobacterium caeni                                       | 1            |           |        |
| Chryseobacterium carnipullorum                               | 1            |           |        |
| Chryseobacterium carnis                                      | 1            |           |        |
| Chryseobacterium chaponense                                  | 1            | t+        |        |

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|--|--------------|-----------|-----------|
| <i>Chryseobacterium contaminans</i>  | 1            |           |           |
| <i>Chryseobacterium cucumeris</i>  | 1            |           | neu       |
| <i>Chryseobacterium culicis</i>  | 1            |           |           |
| <i>Chryseobacterium daecheongense</i>  | 1            |           |           |
| <i>Chryseobacterium daeguense</i>  | 1            |           |           |
| <i>Chryseobacterium defluvii</i>   | 1            |           |           |
| <i>Chryseobacterium echinoideorum</i>  | 1            |           | neu       |
| <i>Chryseobacterium elymi</i>  | 1            |           |           |
| <i>Chryseobacterium endophyticum</i>   | 1            |           | neu       |
| <i>Chryseobacterium flavum</i>   | 1            |           | neu       |
| <i>Chryseobacterium formosense</i>   | 1            |           |           |
| <i>Chryseobacterium frigidisoli</i>  | 1            |           |           |
| <i>Chryseobacterium frigidum</i>   | 1            |           | neu       |
| <i>Chryseobacterium gallinarum</i>   | 1            |           |           |
| <i>Chryseobacterium gambrini</i>   | 1            |           |           |
| <i>Chryseobacterium geocarposphaerae</i>                                       | 1            |           |           |
| <i>Chryseobacterium ginsengisoli</i>   | 1            |           |           |
| <i>Chryseobacterium ginsengiterrae</i> ( <i>Epilithonimonas ginsengisoli</i> ) | 1            |           | neu, Umb. |
| <i>Chryseobacterium ginsenosidimutans</i>                                      | 1            |           |           |
| <i>Chryseobacterium gleum</i> ( <i>Flavobacterium gleum</i> )                  | 2            |           |           |
| <i>Chryseobacterium greenlandense</i>  | 1            |           |           |
| <i>Chryseobacterium gregarium</i>  | 1            |           |           |
| <i>Chryseobacterium gwangjuense</i>  | 1            |           |           |
| <i>Chryseobacterium hagamense</i>  | 1            |           |           |
| <i>Chryseobacterium haifense</i>   | 1            |           |           |
| <i>Chryseobacterium halperniae</i> ( <i>Epilithonimonas lactis</i> )           | 1            |           | Umb.      |
| <i>Chryseobacterium hispalense</i>   | 1            |           |           |
| <i>Chryseobacterium hispanicum</i>   | 1            |           |           |
| <i>Chryseobacterium hominis</i>  | 2            |           |           |
| <i>Chryseobacterium humi</i>   | 1            |           |           |
| <i>Chryseobacterium hungaricum</i>   | 1            |           |           |
| <i>Chryseobacterium indologenes</i> ( <i>Flavobacterium indologenes</i> )      | 2            | ht        |           |
| <i>Chryseobacterium indoltheticum</i> ( <i>Flavobacterium indoltheticum</i> )  | 1            |           |           |
| <i>Chryseobacterium jejuense</i>   | 1            |           |           |
| <i>Chryseobacterium jeonii</i> ( <i>Sejongia jeonii</i> )                      | 1            |           |           |
| <i>Chryseobacterium joostei</i>  | 1            | t2        |           |
| <i>Chryseobacterium koreense</i> ( <i>Kaistella koreensis</i> )                | 1            |           |           |
| <i>Chryseobacterium kwangjuense</i>  | 1            |           |           |
| <i>Chryseobacterium lactis</i>   | 1            |           |           |
| <i>Chryseobacterium lathyri</i>  | 1            |           |           |
| <i>Chryseobacterium limigenitum</i>  | 1            |           | neu       |
| <i>Chryseobacterium lineare</i>  | 1            |           | neu       |
| <i>Chryseobacterium luteum</i>   | 1            |           |           |
| <i>Chryseobacterium marinum</i> ( <i>Sejongia marina</i> )                     | 1            |           |           |

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|--|--------------|-----------|-----------|
| Chryseobacterium meningosepticum → Elizabethkingia meningoseptica  |              |           |           |
| Chryseobacterium miricola → Elizabethkingia miricola               |              |           |           |
| Chryseobacterium molle   | 1            |           |           |
| Chryseobacterium montanum  | 1            |           | neu       |
| Chryseobacterium nakagawai   | 1            | +         |           |
| Chryseobacterium nepalense   | 1            |           | neu       |
| Chryseobacterium oleae   | 1            |           | neu       |
| Chryseobacterium oncorhynchi                                       | 1            | t2        |           |
| Chryseobacterium oranimense  | 1            |           |           |
| Chryseobacterium pallidum  | 1            |           |           |
| Chryseobacterium palustre  | 1            |           |           |
| Chryseobacterium piperi  | 1            |           |           |
| Chryseobacterium piscicola   | 1            | t2        |           |
| Chryseobacterium piscium   | 1            |           |           |
| Chryseobacterium polytrichastri                                    | 1            |           | neu       |
| Chryseobacterium profundimaris                                     | 1            |           | neu       |
| Chryseobacterium psychrotolerans (Epilithonimonas psychrotolerans) | 1            |           | neu, Umb. |
| Chryseobacterium reticulitermitis                                  | 1            |           | neu       |
| Chryseobacterium rhizoplanae                                       | 1            |           | neu       |
| Chryseobacterium rhizosphaerae                                     | 1            |           |           |
| Chryseobacterium rigui   | 1            |           |           |
| Chryseobacterium scophthalmum (Flavobacterium scophthalmum)        | 2            | t         |           |
| Chryseobacterium sediminis   | 1            |           | neu       |
| Chryseobacterium shandongense                                      | 1            |           | neu       |
| Chryseobacterium shigense  | 1            |           |           |
| Chryseobacterium solani  | 1            |           | neu       |
| Chryseobacterium soldanellicola                                    | 1            |           |           |
| Chryseobacterium soli  | 1            |           |           |
| Chryseobacterium solincola   | 1            |           |           |
| Chryseobacterium taeanense   | 1            |           |           |
| Chryseobacterium taichungense                                      | 1            |           |           |
| Chryseobacterium taihuense   | 1            |           |           |
| Chryseobacterium taiwanense  | 1            |           |           |
| Chryseobacterium takakiae  | 1            |           | neu       |
| Chryseobacterium taklimakanense (Planobacterium taklimakanense)    | 1            | +         |           |
| Chryseobacterium tenax (Epilithonimonas tenax)                     | 1            |           | Umb.      |
| Chryseobacterium treverense  | 1            | +         | neu       |
| Chryseobacterium tructae   | 1            | t2        |           |
| Chryseobacterium ureilyticum                                       | 1            |           |           |
| Chryseobacterium vietnamense                                       | 1            |           |           |
| Chryseobacterium viscerum  | 1            | t2        |           |
| Chryseobacterium vrystaatense                                      | 1            |           |           |
| Chryseobacterium wanjuense   | 1            |           |           |

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|--|--------------|-----------|-----------|
| <i>Chryseobacterium xinjiangense</i>                                 | 1            |           |           |
| <i>Chryseobacterium xixisoli</i> ( <i>Epilithonimonas xixisoli</i> ) | 1            |           | neu, Umb. |
| <i>Chryseobacterium yonginense</i>                                   | 1            |           |           |
| <i>Chryseobacterium zeae</i>   | 1            |           |           |
| <b>Chryseoglobus</b>   |              |           |           |
| <i>Chryseoglobus frigidaquae</i>                                     | 1            |           |           |
| <b>Chryseolinea</b>  |              |           |           |
| <i>Chryseolinea serpens</i>  | 1            |           |           |
| <b>Chryseomicrobium</b>  |              |           |           |
| <i>Chryseomicrobium amylolyticum</i>                                 | 1            |           |           |
| <i>Chryseomicrobium aureum</i>                                       | 1            |           | neu       |
| <i>Chryseomicrobium deserti</i>                                      | 1            |           | neu       |
| <i>Chryseomicrobium imtechense</i>                                   | 1            |           |           |
| <i>Chryseomicrobium palamuruense</i>                                 | 1            |           | neu       |
| <b>Chryseomonas – synonym: Pseudomonas</b>                           |              |           |           |
| <i>Chryseomonas luteola</i> – synonym: <i>Pseudomonas luteola</i>    |              |           |           |
| <i>Chryseomonas polytricha</i> – synonym: <i>Pseudomonas luteola</i> |              |           |           |
| <b>Chrysiogenes</b>  |              |           |           |
| <i>Chrysiogenes arsenatis</i>  | 1            |           |           |
| <b>Chthonobacter</b>   |              |           |           |
| <i>Chthonobacter albigriseus</i>                                     | 1            |           | neu       |
| <b>Chthonomonas</b>  |              |           |           |
| <i>Chthonomonas calidirosea</i>                                      | 1            |           |           |
| <b>Chujaibacter</b>  |              |           |           |
| <i>Chujaibacter soli</i>   | 1            |           | neu       |
| <b>Chungangia</b>  |              |           |           |
| <i>Chungangia korensis</i>   | 1            |           |           |
| <b>Ciceribacter</b>  |              |           |           |
| <i>Ciceribacter lividus</i>  | 1            |           |           |
| <i>Ciceribacter thiooxidans</i>                                      | 1            |           | neu       |
| <b>Citreicella</b>   |              |           |           |
| <i>Citreicella aestuarii</i>   | 1            |           |           |
| <i>Citreicella manganoxidans</i>                                     | 1            |           | neu       |
| <i>Citreicella marina</i>  | 1            |           |           |
| <i>Citreicella thiooxidans</i>                                       | 1            |           |           |
| <b>Citreimonas</b>   |              |           |           |
| <i>Citreimonas salinaria</i>   | 1            |           |           |
| <b>Citreitalea</b>   |              |           |           |
| <i>Citreitalea marina</i>  | 1            |           | neu       |
| <b>Citricoccus</b>   |              |           |           |
| <i>Citricoccus alkalitolerans</i>                                    | 1            |           |           |
| <i>Citricoccus muralis</i>   | 1            |           |           |
| <i>Citricoccus nitrophenolicus</i>                                   | 1            |           |           |
| <i>Citricoccus parietis</i>  | 1            |           |           |
| <i>Citricoccus zhacaiensis</i>                                       | 1            |           |           |

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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| <b>Citrobacter</b>   |              |           |        |
| <i>Citrobacter amalonaticus</i> ( <i>Levinea amalonatica</i> )   | 2            |           |        |
| <i>Citrobacter braakii</i>   | 2            |           |        |
| <i>Citrobacter diversus</i> – synonym: <i>Citrobacter koseri</i>   |              |           |        |
| <i>Citrobacter europaeus</i>   | 1            | +         | neu    |
| <i>Citrobacter farmeri</i>   | 2            |           |        |
| <i>Citrobacter freundii</i>  | 2            |           |        |
| <i>Citrobacter gillenii</i>  | 2            |           |        |
| <i>Citrobacter koseri</i>  | 2            |           |        |
| <i>Citrobacter murlinae</i>  | 2            |           |        |
| <i>Citrobacter pasteurii</i>   | 1            | +         | neu    |
| <i>Citrobacter portucalensis</i>   | 1            | +         | neu    |
| <i>Citrobacter rodentium</i>   | 2            | t         |        |
| <i>Citrobacter sedlakii</i>  | 2            |           |        |
| <i>Citrobacter werkmanii</i>   | 2            |           |        |
| <i>Citrobacter youngae</i>   | 2            |           |        |
| <b>Clavibacter</b>   |              |           |        |
| <i>Clavibacter iranicum</i> → <i>Rathayibacter iranicus</i>  |              |           |        |
| <i>Clavibacter michiganensis</i> subsp. <i>californiensis</i>  | 1            | p+        | neu    |
| <i>Clavibacter michiganensis</i> subsp. <i>capsici</i>   | 1            | p2        | neu    |
| <i>Clavibacter michiganensis</i> subsp. <i>chilensis</i>   | 1            | p+        | neu    |
| <i>Clavibacter michiganensis</i> subsp. <i>insidiosus</i> ( <i>Corynebacterium insidiosum</i> )                                | 1            | p2        |        |
| <i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> ( <i>Corynebacterium michiganense</i> )                           | 1            | p2        |        |
| <i>Clavibacter michiganensis</i> subsp. <i>nebraskensis</i> ( <i>Corynebacterium nebraskense</i> )                             | 1            | p         |        |
| <i>Clavibacter michiganensis</i> subsp. <i>phaseoli</i>  | 1            | p2        |        |
| <i>Clavibacter michiganensis</i> subsp. <i>sepedonicus</i> <sup>8</sup> ( <i>Corynebacterium sepedonicum</i> )                 | 1            | p2        |        |
| <i>Clavibacter michiganensis</i> subsp. <i>tessellarius</i> ( <i>Corynebacterium michiganense</i> subsp. <i>tessellarius</i> ) | 1            | p         |        |
| <i>Clavibacter rathayi</i> → <i>Rathayibacter rathayi</i>  |              |           |        |
| <i>Clavibacter toxicus</i> → <i>Rathayibacter toxicus</i>  |              |           |        |
| <i>Clavibacter tritici</i> → <i>Rathayibacter tritici</i>  |              |           |        |
| <i>Clavibacter xyli</i> subsp. <i>cynodontis</i> → <i>Leifsonia xyli</i> subsp. <i>cynodontis</i>                              |              |           |        |
| <i>Clavibacter xyli</i> subsp. <i>xyli</i> → <i>Leifsonia xyli</i> subsp. <i>xyli</i>  |              |           |        |
| <b>Clevelandina</b>  |              |           |        |
| <i>Clevelandina reticulitermitidis</i>   | 1            |           |        |
| <b>Cloacibacillus</b>  |              |           |        |
| <i>Cloacibacillus evryensis</i>  | 1            |           | neu    |
| <i>Cloacibacillus porcorum</i>   | 1            |           | neu    |
| <b>Cloacibacterium</b>   |              |           |        |

<sup>8</sup> Diese Spezies ist wegen ihrer pflanzenpathogenen Eigenschaften in der „Liste risikobewerteter Spender- und Empfängerorganismen für gentechnische Arbeiten“ in Risikogruppe 2 eingestuft.

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|--|--------------|-----------|------------|
| <i>Cloacibacterium caeni</i>   | 1            |           | neu        |
| <i>Cloacibacterium haliotis</i>  | 1            |           |            |
| <i>Cloacibacterium normanense</i>                                      | 1            |           |            |
| <i>Cloacibacterium rupense</i>   | 1            |           |            |
| <b>Clostridiisalibacter</b>  |              |           |            |
| <i>Clostridiisalibacter paucivorans</i>                                | 1            |           |            |
| <b>Clostridioides</b>  |              |           |            |
| <i>Clostridioides difficile</i> ( <i>Clostridium difficile</i> )       | 2            | ht, T     | Bem., Umb. |
| <i>Clostridioides manganotii</i> ( <i>Clostridium manganotii</i> )     | 1            |           |            |
| <b>Clostridium</b>   |              |           |            |
| <i>Clostridium absonum</i> – synonym: <i>Clostridium sardiniense</i>   |              |           |            |
| <i>Clostridium aceticum</i>  | 1            |           |            |
| <i>Clostridium acetireducens</i>                                       | 1            |           |            |
| <i>Clostridium acetobutylicum</i>                                      | 1            |           |            |
| <i>Clostridium acidisoli</i>   | 1            |           |            |
| <i>Clostridium aciditolerans</i>                                       | 1            |           |            |
| <i>Clostridium acidurici</i> → <i>Gottschalkia acidurici</i>           |              |           | Umb.       |
| <i>Clostridium aerotolerans</i>  | 1            |           |            |
| <i>Clostridium aestuarii</i>   | 1            |           |            |
| <i>Clostridium akagii</i>  | 1            |           |            |
| <i>Clostridium aldenense</i>   | 2            |           |            |
| <i>Clostridium aldrichii</i>   | 1            |           |            |
| <i>Clostridium algidicarnis</i>  | 1            |           |            |
| <i>Clostridium algidixylanolyticum</i>                                 | 1            |           |            |
| <i>Clostridium algifaecis</i>  | 1            |           | neu        |
| <i>Clostridium algorithilum</i>  | 1            |           |            |
| <i>Clostridium alkalicellulosi</i>                                     | 1            |           |            |
| <i>Clostridium alkalicellum</i>  | 1            |           |            |
| <i>Clostridium amazonense</i>  | 1            |           | neu        |
| <i>Clostridium aminophilum</i>   | 1            |           |            |
| <i>Clostridium aminovalericum</i> → <i>Anaerocolumna aminovalerica</i> |              |           | Umb.       |
| <i>Clostridium amygdalinum</i>   | 1            |           |            |
| <i>Clostridium amylolyticum</i>  | 1            |           |            |
| <i>Clostridium arbusti</i>   | 1            |           |            |
| <i>Clostridium arcticum</i>  | 1            |           |            |
| <i>Clostridium argentinense</i>  | 2            |           |            |
| <i>Clostridium asparagiforme</i>                                       | 1            |           |            |
| <i>Clostridium aurantibutyricum</i>                                    | 1            |           |            |
| <i>Clostridium baratii</i> <sup>9</sup>                                | 2            | Z         |            |
| <i>Clostridium barkeri</i> → <i>Eubacterium barkeri</i>                |              |           |            |
| <i>Clostridium bartlettii</i> → <i>Intestinibacter bartlettii</i>      |              |           |            |
| <i>Clostridium beijerinckii</i>  | 1            |           |            |

<sup>9</sup> Seltener Erreger von Säuglings-Botulismus.

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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| Clostridium bifermentans → Paraclostridium bifermentans              |              |           | Umb.   |
| Clostridium bolteae  | 1            | +         |        |
| Clostridium bornimense   | 1            |           | neu    |
| Clostridium botulinum <sup>10</sup>                                  | 2            | T, Z      |        |
| Clostridium bowmanii   | 1            |           |        |
| Clostridium bryantii → Syntrophomonas bryantii                       |              |           |        |
| Clostridium butyricum  | 2            | Z         |        |
| Clostridium cadaveris  | 2            |           |        |
| Clostridium caenicola  | 1            |           |        |
| Clostridium caminithermale → Paramaledivibacter caminithermalis      |              |           | Umb.   |
| Clostridium carboxidivorans  | 1            |           |        |
| Clostridium carnis   | 2            |           |        |
| Clostridium cavendishii  | 1            |           |        |
| Clostridium celatum  | 1            |           |        |
| Clostridium celerecrescens   | 1            |           |        |
| Clostridium cellobioparum  | 1            |           |        |
| Clostridium cellulofermentans  | 1            |           |        |
| Clostridium cellulolyticum   | 1            |           |        |
| Clostridium cellulosi  | 1            |           |        |
| Clostridium cellulovorans  | 1            |           |        |
| Clostridium chartatabidum  | 1            |           |        |
| Clostridium chauvoei   | 2            | ht        |        |
| Clostridium chromiireducens  | 1            |           |        |
| Clostridium citroniae  | 2            |           |        |
| Clostridium clariflavum  | 1            |           |        |
| Clostridium clostridioforme  | 2            |           |        |
| Clostridium coccoides → Blautia coccoides                            |              |           |        |
| Clostridium cochlearium  | 1            | +         |        |
| Clostridium cocleatum  | 1            | +         |        |
| Clostridium colicanis  | 1            |           |        |
| Clostridium colinum  | 2            | t         |        |
| Clostridium collagenovorans  | 1            |           |        |
| Clostridium cylindrosporum   | 1            |           |        |
| Clostridium difficile → Clostridioides difficile                     |              |           | Umb.   |
| Clostridium diolis   | 1            |           |        |
| Clostridium disporicum   | 1            |           |        |
| Clostridium drakei   | 1            |           |        |
| Clostridium durum → Paenibacillus azotofixans                        |              |           |        |
| Clostridium estertheticum subsp. estertheticum                       | 1            |           |        |
| Clostridium estertheticum subsp. laramiense (Clostridium laramiense) | 1            |           |        |
| Clostridium fallax   | 2            | ht        |        |
| Clostridium felsineum  | 1            |           |        |

<sup>10</sup> Führt überwiegend zu Lebensmittelvergiftungen, seltener zu Infektionen in Form des Säuglings- oder Wundbotulismus.

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| Clostridium fervidum → Caloramator fervidus                                   |              |           |        |
| Clostridium fimetarium  | 1            |           |        |
| Clostridium formicoaceticum   | 1            |           |        |
| Clostridium frigidicarnis   | 1            |           |        |
| Clostridium frigris   | 1            |           |        |
| Clostridium ganghwense  | 1            |           |        |
| Clostridium gasigenes   | 1            |           |        |
| Clostridium ghonii (ghoni) → Paeniclostridium ghonii                          |              |           | Umb.   |
| Clostridium glycolicum → Terrisporobacter glycolicus                          |              |           |        |
| Clostridium glycyrrhizinilyticum  | 1            |           |        |
| Clostridium grantii   | 1            |           |        |
| Clostridium guangxiense   | 1            |           | neu    |
| Clostridium haemolyticum  | 2            | ht        |        |
| Clostridium halophilum → Maledivibacter halophilus                            |              |           | Umb.   |
| Clostridium hastiforme – synonym: Tissierella praeacuta                       |              |           |        |
| Clostridium hathewayi → Hungatella hathewayi                                  |              |           |        |
| Clostridium herbivorans   | 1            |           |        |
| Clostridium hiranonis   | 1            |           |        |
| Clostridium histolyticum → Hathewayia histolytica                             |              |           | Umb.   |
| Clostridium homopropionicum   | 1            |           |        |
| Clostridium huakuii   | 1            |           | neu    |
| Clostridium hungatei  | 1            |           |        |
| Clostridium hydrogeniformans  | 1            |           |        |
| Clostridium hydroxybenzoicum – synonym: Sedimentibacter hydroxybenzoicus      |              |           |        |
| Clostridium hylemonae   | 1            |           |        |
| Clostridium indolis   | 2            |           |        |
| Clostridium innocuum  | 2            |           |        |
| Clostridium intestinale   | 1            |           |        |
| Clostridium irregulare (Clostridium irregularis) → Asaccharospora irregularis |              |           |        |
| Clostridium isatidis  | 1            |           |        |
| Clostridium jeddahense  | 1            |           | neu    |
| Clostridium jejuense → Anaerocolumna jejuensis                                |              |           | Umb.   |
| Clostridium josui   | 1            |           |        |
| Clostridium kluveri   | 1            |           |        |
| Clostridium lactatifermentans → Anaerotignum lactatifermentans                |              |           | Umb.   |
| Clostridium lacusfryxellense  | 1            |           |        |
| Clostridium laramiense → Clostridium estertheticum subsp. laramiense          |              |           |        |
| Clostridium lavalense   | 1            |           |        |
| Clostridium lentocellum → Cellulosilyticum lentocellum                        |              |           |        |
| Clostridium lentoputrescens – synonym: Clostridium cochlearium                |              |           |        |



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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| <i>Clostridium leptum</i>  | 1            |           |        |
| <i>Clostridium limosum</i> → <i>Hathewayia limosa</i>                    |              |           | Umb.   |
| <i>Clostridium liquoris</i>  | 1            |           | neu    |
| <i>Clostridium litorale</i> → <i>Peptoclostridium litorale</i>           |              |           | Umb.   |
| <i>Clostridium lituseburense</i> → <i>Romboutsia lituseburenensis</i>    |              |           |        |
| <i>Clostridium Ijungdahlii</i>   | 1            |           |        |
| <i>Clostridium Iortetii</i> → <i>Sporohalobacter Iortetii</i>            |              |           |        |
| <i>Clostridium lundense</i>  | 1            |           |        |
| <i>Clostridium Iuticellarii</i>  | 1            |           | neu    |
| <i>Clostridium magnum</i>  | 1            |           |        |
| <i>Clostridium malenominatum</i>   | 2            |           |        |
| <i>Clostridium manganotii</i> → <i>Clostridioides manganotii</i>         |              |           | Umb.   |
| <i>Clostridium maximum</i> → <i>Sarcina maxima</i>                       |              |           | Umb.   |
| <i>Clostridium mayombeii</i> → <i>Terrisporobacter mayombeii</i>         |              |           |        |
| <i>Clostridium methoxybenzovorans</i>                                    | 1            |           |        |
| <i>Clostridium methylpentosum</i>  | 1            |           |        |
| <i>Clostridium moniliforme</i> ( <i>Eubacterium moniliforme</i> )        | 2            |           | Umb.   |
| <i>Clostridium neopropionicum</i> → <i>Anaerotignum neopropionicum</i>   |              |           | Umb.   |
| <i>Clostridium neuense</i>   | 1            |           | neu    |
| <i>Clostridium nexile</i>  | 1            |           |        |
| <i>Clostridium nitrophenolicum</i>                                       | 1            |           |        |
| <i>Clostridium novyi</i>   | 2            | ht        |        |
| <i>Clostridium oceanicum</i>   | 1            |           |        |
| <i>Clostridium orbiscindens</i> → <i>Flavonifractor plautii</i>          |              |           |        |
| <i>Clostridium oroticum</i> → <i>Faecalicatena orotica</i>               |              |           | Umb.   |
| <i>Clostridium oryzae</i>  | 1            |           | neu    |
| <i>Clostridium oxalicum</i> → <i>Oxalophagus oxalicus</i>                |              |           |        |
| <i>Clostridium pabulibutyricum</i>                                       | 1            |           | neu    |
| <i>Clostridium papyrosolvans</i>   | 1            |           |        |
| <i>Clostridium paradoxum</i>   | 1            |           |        |
| <i>Clostridium paraperfringens</i> – synonym: <i>Clostridium baratii</i> |              |           |        |
| <i>Clostridium parapatrificum</i>  | 2            |           |        |
| <i>Clostridium pascui</i>  | 1            |           |        |
| <i>Clostridium pasteurianum</i>  | 1            |           |        |
| <i>Clostridium peptidivorans</i>   | 1            |           |        |
| <i>Clostridium perenne</i> – synonym: <i>Clostridium baratii</i>         |              |           |        |
| <i>Clostridium perfringens</i>   | 2            | ht, T     | Bem.   |
| <i>Clostridium pfennigii</i> → <i>Oxobacter pfennigii</i>                |              |           |        |
| <i>Clostridium phytofermentans</i>                                       | 1            |           |        |
| <i>Clostridium piliforme</i>   | 2            | t         |        |
| <i>Clostridium polyendosporum</i> ( <i>Anaerobacter polyendosporus</i> ) | 1            |           | Umb.   |

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|---|--------------|-----------|--------|
| Clostridium polysaccharolyticum (Fusobacterium polysaccharolyticum)           | 1            |           |        |
| Clostridium populeti  | 1            |           |        |
| Clostridium propionicum → Anaerotignum propionicum                            |              |           | Umb.   |
| Clostridium proteoclasticum → Butyrivibrio proteoclasticus                    |              |           |        |
| Clostridium proteolyticum → Hathewayia proteolytica                           |              |           | Umb.   |
| Clostridium psychophilum  | 1            |           |        |
| Clostridium punense   | 1            |           | neu    |
| Clostridium puniceum  | 1            |           |        |
| Clostridium purinilyticum → Gottschalkia purinilytica                         |              |           | Umb.   |
| Clostridium putrefaciens  | 1            | +         |        |
| Clostridium putrificum – synonym: Clostridium sporogenes                      |              |           |        |
| Clostridium quercicolum → Dendrosporobacter quercicolus                       |              |           |        |
| Clostridium quinii  | 1            |           |        |
| Clostridium ramosum   | 2            |           |        |
| Clostridium rectum – synonym: Fusobacterium mortiferum                        |              |           | Umb.   |
| Clostridium roseum  | 1            |           |        |
| Clostridium saccharobutylicum   | 1            |           |        |
| Clostridium saccharogumia   | 1            |           |        |
| Clostridium saccharolyticum   | 1            |           |        |
| Clostridium saccharoperbutylacetonicum  | 1            |           |        |
| Clostridium sardiniense   | 2            |           |        |
| Clostridium sartagoformum   | 1            | +         |        |
| Clostridium saudii  | 1            |           | neu    |
| Clostridium scatologenes  | 1            | +         |        |
| Clostridium schirmacherense   | 1            |           |        |
| Clostridium scindens  | 1            |           |        |
| Clostridium senegalense   | 1            |           | neu    |
| Clostridium septicum  | 2            |           |        |
| Clostridium sordellii → Paeniclostridium sordellii                            |              |           | Umb.   |
| Clostridium sphenoides  | 2            |           |        |
| Clostridium spiroforme  | 1            | +         |        |
| Clostridium sporogenes  | 2            |           |        |
| Clostridium sporosphaeroides  | 1            |           |        |
| Clostridium stercorarium subsp. leptospartum (Thermobacteroides leptospartum) | 1            |           |        |
| Clostridium stercorarium subsp. stercorarium                                  | 1            |           |        |
| Clostridium stercorarium subsp. thermolacticum (Clostridium thermolacticum)   | 1            |           |        |
| Clostridium sticklandii → Acetoanaerobium sticklandii                         |              |           | Umb.   |
| Clostridium straminisolvens   | 1            |           |        |
| Clostridium subterminale  | 2            |           |        |
| Clostridium sufflavum   | 1            |           |        |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| <i>Clostridium sulfidigenes</i>   | 1            |           |        |
| <i>Clostridium swellfunianum</i>  | 1            |           | neu    |
| <i>Clostridium symbiosum</i>  | 2            |           |        |
| <i>Clostridium tagluense</i>  | 1            |           |        |
| <i>Clostridium tarantellae</i> ( <i>Eubacterium tarantellae</i> )                                 | 2            | t         | Umb.   |
| <i>Clostridium tepidiprofundum</i>  | 1            |           |        |
| <i>Clostridium tepidum</i>  | 1            |           | neu    |
| <i>Clostridium termitidis</i>   | 1            |           |        |
| <i>Clostridium tertium</i>  | 2            | ht        |        |
| <i>Clostridium tetani</i>   | 2            | T, V, ht  |        |
| <i>Clostridium tetanomorphum</i>  | 1            | +         |        |
| <i>Clostridium thermoaceticum</i> → <i>Moorella thermoacetica</i>                                 |              |           |        |
| <i>Clostridium thermoalcaliphilum</i>   | 1            |           |        |
| <i>Clostridium thermoautotrophicum</i> → <i>Moorella thermoautotrophica</i>                       |              |           |        |
| <i>Clostridium thermobutyricum</i>  | 1            |           |        |
| <i>Clostridium thermocellum</i>   | 1            |           |        |
| <i>Clostridium thermocopriae</i> → <i>Thermoanaerobacter thermocopriae</i>                        |              |           |        |
| <i>Clostridium thermohydrosulfuricum</i> → <i>Thermoanaerobacter thermohydrosulfuricus</i>        |              |           |        |
| <i>Clostridium thermolacticum</i> → <i>Clostridium sterco-rarium</i> subsp. <i>thermolacticum</i> |              |           |        |
| <i>Clostridium thermopalmarium</i>  | 1            |           |        |
| <i>Clostridium thermopapyrolyticum</i>  | 1            |           |        |
| <i>Clostridium thermosaccharolyticum</i> → <i>Thermoanaerobacterium thermosaccharolyticum</i>     |              |           |        |
| <i>Clostridium thermosuccinogenes</i>   | 1            |           |        |
| <i>Clostridium thermosulfurogenes</i> → <i>Thermoanaerobacterium thermosulfurogenes</i>           |              |           |        |
| <i>Clostridium thiosulfatireducens</i>  | 1            |           |        |
| <i>Clostridium tyrobutyricum</i>  | 1            |           |        |
| <i>Clostridium uliginosum</i>   | 1            |           |        |
| <i>Clostridium ultunense</i>  | 1            |           |        |
| <i>Clostridium ventriculi</i> → <i>Sarcina ventriculi</i>   |              |           | Umb.   |
| <i>Clostridium villosum</i> → <i>Filifactor villosus</i>  |              |           |        |
| <i>Clostridium vincentii</i>  | 1            |           |        |
| <i>Clostridium viride</i>   | 1            |           |        |
| <i>Clostridium xylanolyticum</i>  | 1            |           |        |
| <i>Clostridium xylanovorans</i> → <i>Anaerocolumna xylanovorans</i>                               |              |           | Umb.   |
| <b>Cnuella</b>  |              |           |        |
| <i>Cnuella takakiae</i>   | 1            |           |        |
| <b>Cnuibacter</b>   |              |           |        |
| <i>Cnuibacter physcomitrellae</i>   | 1            |           | neu    |
| <b>Cobetia</b>  |              |           |        |
| <i>Cobetia amphilecti</i>   | 1            |           |        |
| <i>Cobetia crustatorum</i>  | 1            |           |        |

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|--|--------------|-----------|--------|
| <i>Cobetia litoralis</i>   | 1            |           |        |
| <i>Cobetia marina</i> ( <i>Pseudomonas marina</i> , <i>Deleya marina</i> , <i>Halomonas marina</i> ) | 1            |           |        |
| <i>Cobetia pacifica</i>  | 1            |           |        |
| <b>Cocleimonas</b>   |              |           |        |
| <i>Cocleimonas flava</i>   | 1            |           |        |
| <b>Coenonia</b>  |              |           |        |
| <i>Coenonia anatina</i>  | 2            | t         |        |
| <b>Coetzeea</b>  |              |           |        |
| <i>Coetzeea brasiliensis</i>   | 1            |           | neu    |
| <b>Cohaesibacter</b>   |              |           |        |
| <i>Cohaesibacter gelatinilyticus</i>   | 1            |           |        |
| <i>Cohaesibacter haloalkalitolerans</i>  | 1            |           |        |
| <i>Cohaesibacter marisflavi</i>  | 1            |           |        |
| <b>Cohnella</b>  |              |           |        |
| <i>Cohnella algarum</i>  | 1            |           | neu    |
| <i>Cohnella arctica</i>  | 1            |           |        |
| <i>Cohnella boryungensis</i>   | 1            |           |        |
| <i>Cohnella cellulositytica</i>  | 1            |           |        |
| <i>Cohnella collisoli</i>  | 1            |           | neu    |
| <i>Cohnella damuensis</i>  | 1            |           |        |
| <i>Cohnella ferri</i>  | 1            |           |        |
| <i>Cohnella fontinalis</i>   | 1            |           |        |
| <i>Cohnella formosensis</i>  | 1            |           |        |
| <i>Cohnella ginsengisoli</i>   | 1            |           |        |
| <i>Cohnella hongkongensis</i>  | 1            |           |        |
| <i>Cohnella laeviribosi</i>  | 1            |           |        |
| <i>Cohnella lubricantis</i>  | 1            |           | neu    |
| <i>Cohnella luojiensis</i>   | 1            |           |        |
| <i>Cohnella lupini</i>   | 1            |           |        |
| <i>Cohnella nanjingensis</i>   | 1            |           | neu    |
| <i>Cohnella panacarvi</i>  | 1            |           |        |
| <i>Cohnella phaseoli</i>   | 1            |           |        |
| <i>Cohnella rhizosphaerae</i>  | 1            |           |        |
| <i>Cohnella saccharovorans</i>   | 1            |           | neu    |
| <i>Cohnella soli</i>   | 1            |           |        |
| <i>Cohnella suwonensis</i>   | 1            |           |        |
| <i>Cohnella terrae</i>   | 1            |           |        |
| <i>Cohnella thailandensis</i>  | 1            |           |        |
| <i>Cohnella thermotolerans</i>   | 1            |           |        |
| <i>Cohnella xylanilytica</i>   | 1            |           |        |
| <i>Cohnella yongneupensis</i>  | 1            |           |        |
| <b>Collimonas</b>  |              |           |        |
| <i>Collimonas arenae</i>   | 1            |           |        |
| <i>Collimonas fungivorans</i>  | 1            |           |        |
| <i>Collimonas pratensis</i>  | 1            |           |        |
| <b>Collinsella</b>   |              |           |        |

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|---|----------------|-----------|--------|
| <i>Collinsella aerofaciens</i> ( <i>Eubacterium aerofaciens</i> ) | 2              |           |        |
| <i>Collinsella intestinalis</i>                                   | 1              |           |        |
| <i>Collinsella stercoris</i>                                      | 1              |           |        |
| <i>Collinsella tanakaei</i>                                       | 1              |           |        |
| <b>Colwellia</b>  |                |           |        |
| <i>Colwellia aestuarii</i>  | 1              |           |        |
| <i>Colwellia agarivorans</i>                                      | 1              |           | neu    |
| <i>Colwellia aquaemaris</i>                                       | 1              |           | neu    |
| <i>Colwellia arctica</i>  | 1              |           | neu    |
| <i>Colwellia asteriadis</i>                                       | 1              |           |        |
| <i>Colwellia beringensis</i>                                      | 1              |           | neu    |
| <i>Colwellia chukchiensis</i>                                     | 1              |           |        |
| <i>Colwellia demingiae</i>  | 1              |           |        |
| <i>Colwellia hadaliensis</i>                                      | 1              |           |        |
| <i>Colwellia hornerae</i>   | 1              |           |        |
| <i>Colwellia marinimaniae</i>                                     | 1              |           | neu    |
| <i>Colwellia maris</i>  | 1              |           |        |
| <i>Colwellia meonggei</i>   | 1              |           |        |
| <i>Colwellia mytili</i>   | 1              |           | neu    |
| <i>Colwellia piezophila</i>                                       | 1              |           |        |
| <i>Colwellia polaris</i>  | 1              |           |        |
| <i>Colwellia psychrerythraea</i>                                  | 1              |           |        |
| <i>Colwellia psychrotropica</i>                                   | 1              |           |        |
| <i>Colwellia rossensis</i>  | 1              |           |        |
| <i>Colwellia sediminilitoris</i>                                  | 1              |           | neu    |
| <b>Comamonas</b>  |                |           |        |
| <i>Comamonas acidovorans</i> → <i>Delftia acidovorans</i>         |                |           |        |
| <i>Comamonas aquatica</i> ( <i>Aquaspirillum aquaticum</i> )      | 2              |           |        |
| <i>Comamonas badia</i>  | 1              |           |        |
| <i>Comamonas composti</i>   | 1              |           |        |
| <i>Comamonas denitrificans</i>                                    | 1              |           |        |
| <i>Comamonas granuli</i>  | 1              |           |        |
| <i>Comamonas guangdongensis</i>                                   | 1              |           |        |
| <i>Comamonas humi</i>   | 1              |           | neu    |
| <i>Comamonas jiangduensis</i>                                     | 1              |           |        |
| <i>Comamonas kerstersii</i>                                       | 2              |           |        |
| <i>Comamonas koreensis</i>  | 1              |           |        |
| <i>Comamonas nitrativorans</i>                                    | 1              |           |        |
| <i>Comamonas odontotermitis</i>                                   | 1              |           |        |
| <i>Comamonas phosphati</i>  | 1              |           | neu    |
| <i>Comamonas piscis</i>   | 1              |           | neu    |
| <i>Comamonas sediminis</i>  | 1              |           | neu    |
| <i>Comamonas serinivorans</i>                                     | 1              |           | neu    |
| <i>Comamonas terrae</i>   | 1              |           |        |
| <i>Comamonas terrigena</i>  | 2              |           |        |
| <i>Comamonas testosteroni</i> ( <i>Pseudomonas testosteroni</i> ) | 1 <sup>G</sup> | +         |        |

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|--|--------------|-----------|--------|
| <i>Comamonas thiooxydans</i>   | 1            |           |        |
| <i>Comamonas zonglianii</i>  | 1            |           |        |
| <sup>6</sup> Auf eine abweichende Einstufung in der „Liste risikobewerteter Spender- und Empfängerorganismen für gentechnische Arbeiten“ wird hingewiesen. |              |           |        |
| <b>Compostibacter</b>  |              |           |        |
| <i>Compostibacter hankyongensis</i>  | 1            |           | neu    |
| <b>Compostimonas</b>   |              |           |        |
| <i>Compostimonas suwonensis</i>  | 1            |           |        |
| <b>Conchiformibius</b>   |              |           |        |
| <i>Conchiformibius kuhniae</i>   | 1            |           |        |
| <i>Conchiformibius steedae</i> ( <i>Simonsiella steedae</i> )  | 1            |           |        |
| <b>Conexibacter</b>  |              |           |        |
| <i>Conexibacter arvalis</i>  | 1            |           |        |
| <i>Conexibacter stalactiti</i>   | 1            |           | neu    |
| <i>Conexibacter woesei</i>   | 1            |           |        |
| <b>Confluentibacter</b>  |              |           |        |
| <i>Confluentibacter citreus</i>  | 1            |           | neu    |
| <i>Confluentibacter lentus</i>   | 1            |           | neu    |
| <b>Confluentimicrobium</b>   |              |           |        |
| <i>Confluentimicrobium lipolyticum</i>   | 1            |           | neu    |
| <i>Confluentimicrobium naphthalenivorans</i>   | 1            |           | neu    |
| <b>Conglomeromonas</b>   |              |           |        |
| <i>Conglomeromonas largomobilis</i> subsp. <i>largomobilis</i> → <i>Azospirillum largimobile</i>   |              |           |        |
| <i>Conglomeromonas largomobilis</i> subsp. <i>parooensis</i> → <i>Skermanella parooensis</i>   |              |           |        |
| <b>Congregibacter</b>  |              |           |        |
| <i>Congregibacter litoralis</i>  | 1            |           |        |
| <b>Consotaella</b>   |              |           |        |
| <i>Consotaella salsifontis</i>   | 1            |           | neu    |
| <b>Constrictibacter</b>  |              |           |        |
| <i>Constrictibacter antarcticus</i>  | 1            |           |        |
| <b>Convivina</b>   |              |           |        |
| <i>Convivina intestini</i>   | 1            |           | neu    |
| <b>Conyzicola</b>  |              |           |        |
| <i>Conyzicola lurida</i>   | 1            |           | neu    |
| <i>Conyzicola nivalis</i>  | 1            |           | neu    |
| <b>Coprobacillus</b>   |              |           |        |
| <i>Coprobacillus catenaformis</i>  | 1            |           |        |
| <b>Coprobacter</b>   |              |           |        |
| <i>Coprobacter fastidiosus</i>   | 1            |           |        |
| <i>Coprobacter secundus</i>  | 1            |           | neu    |
| <b>Coprococcus</b>   |              |           |        |
| <i>Coprococcus catus</i>   | 1            |           |        |
| <i>Coprococcus comes</i>   | 1            | +         |        |
| <i>Coprococcus eutactus</i>  | 1            |           |        |
| <b>Coprothermobacter</b>   |              |           |        |

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|---|--------------|-----------|--------|
| <i>Coprothermobacter platensis</i>  | 1            |           |        |
| <i>Coprothermobacter proteolyticus</i> ( <i>Thermobacteroides proteolyticus</i> )   | 1            |           |        |
| <b>Coraliomargarita</b>   |              |           |        |
| <i>Coraliomargarita akajimensis</i>   | 1            |           |        |
| <b>Corallibacter</b>  |              |           |        |
| <i>Corallibacter vietnamensis</i>   | 1            |           |        |
| <b>Corallococcus</b>  |              |           |        |
| <i>Corallococcus coralloides</i> ( <i>Myxococcus coralloides</i> )                  | 1            |           |        |
| <i>Corallococcus exiguus</i>  | 1            |           |        |
| <i>Corallococcus macrosporus</i>  | 1            |           |        |
| <b>Corallomonas</b>   |              |           |        |
| <i>Corallomonas stylophorae</i>   | 1            |           |        |
| <b>Coriobacterium</b>   |              |           |        |
| <i>Coriobacterium glomerans</i>   | 1            |           |        |
| <b>Corticibacter</b>  |              |           |        |
| <i>Corticibacter populi</i>   | 1            |           | neu    |
| <b>Corticibacterium</b>   |              |           |        |
| <i>Corticibacterium populi</i>  | 1            |           | neu    |
| <b>Corticococcus</b>  |              |           |        |
| <i>Corticococcus populi</i>   | 1            | p         | neu    |
| <b>Corynebacterium</b>  |              |           |        |
| <i>Corynebacterium accolens</i>   | 2            |           |        |
| <i>Corynebacterium afermentans</i> subsp. <i>afermentans</i>                        | 2            |           |        |
| <i>Corynebacterium afermentans</i> subsp. <i>lipophilum</i>                         | 2            |           |        |
| <i>Corynebacterium ammoniagenes</i> ( <i>Brevibacterium ammoniagenes</i> )          | 1            | +         |        |
| <i>Corynebacterium amycolatum</i>   | 2            | ht        |        |
| <i>Corynebacterium appendicis</i>   | 1            | +         |        |
| „ <i>Corynebacterium aquaticum</i> “ → <i>Leifsonia aquatica</i>                    |              |           |        |
| <i>Corynebacterium aquatimens</i>   | 1            | +         |        |
| <i>Corynebacterium aquilae</i>  | 1            |           |        |
| <i>Corynebacterium argentoratense</i>   | 2            |           |        |
| <i>Corynebacterium atrinae</i>  | 1            |           | neu    |
| <i>Corynebacterium atypicum</i>   | 1            |           |        |
| <i>Corynebacterium aurimucosum</i>  | 1            | +         |        |
| <i>Corynebacterium auris</i>  | 2            |           |        |
| <i>Corynebacterium auriscanis</i>   | 2            |           |        |
| <i>Corynebacterium betae</i> → <i>Curtobacterium flaccumfaciens</i> pv <i>betae</i> |              |           |        |
| „ <i>Corynebacterium beticola</i> “   | 2            | p         |        |
| <i>Corynebacterium bovis</i>  | 2            | ht        |        |
| <i>Corynebacterium callunae</i>   | 1            |           |        |
| <i>Corynebacterium camporealensis</i>   | 2            | t         |        |
| <i>Corynebacterium canis</i>  | 1            | +         |        |
| <i>Corynebacterium capitovis</i>  | 1            | t+        |        |

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|---|--------------|-----------|--------|
| <i>Corynebacterium casei</i>  | 1            |           |        |
| <i>Corynebacterium caspium</i>  | 1            | t+        |        |
| <i>Corynebacterium ciconiae</i>   | 1            |           |        |
| <i>Corynebacterium confusum</i>   | 2            |           |        |
| <i>Corynebacterium coyleae</i>  | 2            |           |        |
| <i>Corynebacterium crudilactis</i>  | 1            |           | neu    |
| <i>Corynebacterium cystitidis</i>   | 2            | t         |        |
| <i>Corynebacterium deserti</i>  | 1            |           |        |
| <i>Corynebacterium diphtheriae</i>  | 2            | T, V      |        |
| <i>Corynebacterium doosanense</i>   | 1            |           |        |
| <i>Corynebacterium durum</i>  | 1            | +         |        |
| <i>Corynebacterium efficiens</i>  | 1            |           |        |
| <i>Corynebacterium epidermidicanis</i>  | 1            | t+        |        |
| <i>Corynebacterium equi</i> → <i>Rhodococcus hoagii</i>                                       |              |           |        |
| <i>Corynebacterium faecale</i>  | 1            |           | neu    |
| <i>Corynebacterium falsenii</i>   | 2            |           |        |
| <i>Corynebacterium fascians</i> → <i>Rhodococcus fascians</i>                                 |              |           |        |
| <i>Corynebacterium felinum</i>  | 1            | t+        | neu    |
| <i>Corynebacterium flaccumfaciens</i> → <i>Curtobacterium flaccumfaciens</i>                  |              |           |        |
| <i>Corynebacterium flavescens</i>   | 1            |           |        |
| <i>Corynebacterium frankenforstense</i>   | 1            | t+        |        |
| <i>Corynebacterium freiburgense</i>   | 1            | +         |        |
| <i>Corynebacterium freneyi</i>  | 2            |           |        |
| <i>Corynebacterium glaucum</i>  | 1            |           |        |
| <i>Corynebacterium glucuronolyticum</i>   | 2            |           |        |
| <i>Corynebacterium glutamicum</i>   | 1            |           |        |
| <i>Corynebacterium glyciniphilum</i>  | 1            |           | neu    |
| <i>Corynebacterium godavarianum</i>   | 1            |           | neu    |
| <i>Corynebacterium gottingense</i>  | 1            | +         | neu    |
| <i>Corynebacterium guangdongense</i>  | 1            |           | neu    |
| „ <i>Corynebacterium haemolyticum</i> “ → <i>Arcanobacterium haemolyticum</i>                 |              |           |        |
| <i>Corynebacterium halotolerans</i>   | 1            |           |        |
| <i>Corynebacterium hansenii</i>   | 1            | +         |        |
| <i>Corynebacterium hoagii</i> → <i>Rhodococcus hoagii</i>                                     |              |           |        |
| <i>Corynebacterium humireducens</i>   | 1            |           |        |
| <i>Corynebacterium ilicis</i> = <i>Curtobacterium flaccumfaciens</i> pv. <i>ilicis</i>        | 1            | p2        |        |
| <i>Corynebacterium imitans</i>  | 2            |           |        |
| <i>Corynebacterium insidiosum</i> → <i>Clavibacter michiganensis</i> subsp. <i>insidiosus</i> |              |           |        |
| <i>Corynebacterium iranicum</i> → <i>Rathayibacter iranicus</i>                               |              |           |        |
| <i>Corynebacterium jeikeium</i>   | 2            |           |        |
| <i>Corynebacterium kroppenstedtii</i>   | 1            | +         |        |
| <i>Corynebacterium kutscheri</i>  | 1            | ht+       |        |
| <i>Corynebacterium lactis</i>   | 1            | t+        |        |



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|--|--------------|-----------|--------|
| <i>Corynebacterium lilium</i> – synonym: <i>Corynebacterium glutamicum</i>   |              |           |        |
| <i>Corynebacterium lipophiloflavum</i>   | 1            | +         |        |
| <i>Corynebacterium lowii</i>   | 2            |           | neu    |
| <i>Corynebacterium lubricantis</i>   | 1            |           |        |
| <i>Corynebacterium macginleyi</i>  | 2            |           |        |
| <i>Corynebacterium marinum</i>   | 1            |           |        |
| <i>Corynebacterium maris</i>   | 1            |           |        |
| <i>Corynebacterium massiliense</i>   | 2            |           |        |
| <i>Corynebacterium mastitidis</i>  | 2            | t         |        |
| <i>Corynebacterium matruchotii</i> ( <i>Bacterionema matruchotii</i> )   | 2            |           |        |
| „ <i>Corynebacterium mediolanum</i> “ → <i>Agromyces mediolanus</i>  |              |           |        |
| <i>Corynebacterium michiganense</i> subsp. <i>tessellarius</i> → <i>Clavibacter michiganensis</i> subsp. <i>tessellarius</i> |              |           |        |
| <i>Corynebacterium michiganense</i> → <i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i>                           |              |           |        |
| <i>Corynebacterium minutissimum</i>  | 2            |           |        |
| <i>Corynebacterium mooreparkense</i> – synonym: <i>Corynebacterium variabile</i>   |              |           |        |
| <i>Corynebacterium mucifaciens</i>   | 2            |           |        |
| <i>Corynebacterium mustelae</i>  | 2            | t         |        |
| <i>Corynebacterium mycetoides</i>  | 2            |           |        |
| <i>Corynebacterium nasicanis</i>   | 1            | t+        | neu    |
| <i>Corynebacterium nebraskense</i> → <i>Clavibacter michiganensis</i> subsp. <i>nebraskensis</i>                             |              |           |        |
| <i>Corynebacterium nigricans</i>   | 2            |           |        |
| <i>Corynebacterium nuruki</i>  | 1            |           |        |
| <i>Corynebacterium oculi</i>   | 2            |           | neu    |
| <i>Corynebacterium oortii</i> → <i>Curtobacterium flaccumfaciens</i> pv. <i>oortii</i>                                       |              |           |        |
| <i>Corynebacterium paurometabolum</i> → <i>Tsukamurella paurometabola</i>  |              |           |        |
| <i>Corynebacterium pelargi</i>   | 1            |           | neu    |
| <i>Corynebacterium phocae</i>  | 1            |           |        |
| <i>Corynebacterium pilbarensense</i>   | 1            | +         |        |
| <i>Corynebacterium pilosum</i>   | 2            |           |        |
| <i>Corynebacterium poinsettiae</i> → <i>Curtobacterium flaccumfaciens</i> pv. <i>poinsettiae</i>                             |              |           |        |
| <i>Corynebacterium pollutisoli</i>   | 1            |           | neu    |
| <i>Corynebacterium propinquum</i>  | 2            |           |        |
| <i>Corynebacterium pseudodiphtheriticum</i>  | 2            |           |        |
| <i>Corynebacterium pseudotuberculosis</i>  | 2            | T, Z      | Bem.   |
| <i>Corynebacterium pyogenes</i> → <i>Trueperella pyogenes</i>  |              |           |        |
| <i>Corynebacterium pyruviciproducens</i>   | 1            | +         |        |
| <i>Corynebacterium rathayi</i> → <i>Rathayibacter rathayi</i>  |              |           |        |
| <i>Corynebacterium renale</i>  | 2            | t         |        |
| <i>Corynebacterium resistens</i>   | 2            |           |        |

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|---|--------------|-----------|--------|
| <i>Corynebacterium riegelii</i>   | 2            |           |        |
| <i>Corynebacterium seminale</i>   | 2            |           |        |
| <i>Corynebacterium sepedonicum</i> → <i>Clavibacter michiganensis</i> subsp. <i>sepedonicus</i> |              |           |        |
| <i>Corynebacterium simulans</i>   | 2            |           |        |
| <i>Corynebacterium singulare</i>  | 1            | +         |        |
| <i>Corynebacterium sphenisci</i>  | 1            |           |        |
| <i>Corynebacterium spheniscorum</i>   | 1            |           |        |
| <i>Corynebacterium sputi</i>  | 1            | +         |        |
| <i>Corynebacterium stationis</i> ( <i>Brevibacterium stationis</i> )                            | 1            | +         |        |
| <i>Corynebacterium striatum</i>   | 2            |           |        |
| <i>Corynebacterium suicordis</i>  | 2            | t         |        |
| <i>Corynebacterium sundsvallense</i>  | 2            |           |        |
| <i>Corynebacterium tapiri</i>   | 1            | t+        | neu    |
| <i>Corynebacterium terpenotabidum</i>   | 1            |           |        |
| <i>Corynebacterium testudinoris</i>   | 1            | t+        | neu    |
| <i>Corynebacterium thomssenii</i>   | 2            |           |        |
| <i>Corynebacterium timonense</i>  | 2            |           |        |
| <i>Corynebacterium trachiae</i>   | 1            |           | neu    |
| <i>Corynebacterium tritici</i> → <i>Rathayibacter tritici</i>                                   |              |           |        |
| <i>Corynebacterium tuberculostearicum</i>   | 2            |           |        |
| <i>Corynebacterium tuscaniense</i>  | 1            | +         |        |
| <i>Corynebacterium ulcerans</i>   | 2            | T, Z      | Bem.   |
| <i>Corynebacterium ulceribovis</i>  | 1            | t+        |        |
| <i>Corynebacterium urealyticum</i>  | 2            | ht        |        |
| <i>Corynebacterium ureicelerivorans</i>   | 1            | +         |        |
| <i>Corynebacterium uropygiale</i>   | 1            |           | neu    |
| <i>Corynebacterium uterequi</i>   | 1            | t+        |        |
| <i>Corynebacterium variabile</i> ( <i>Arthrobacter variabilis</i> )                             | 1            |           |        |
| <i>Corynebacterium vitaeruminis</i> ( <i>Brevibacterium vitarumen</i> )                         | 1            |           |        |
| <i>Corynebacterium xerosis</i>  | 1            | t+        |        |
| <b>Cosenzaea</b>  |              |           |        |
| <i>Cosenzaea myxofaciens</i> ( <i>Proteus myxofaciens</i> )                                     | 1            |           |        |
| <b>Costertonia</b>  |              |           |        |
| <i>Costertonia aggregata</i>  | 1            |           |        |
| <b>Couchioplanes</b>  |              |           |        |
| <i>Couchioplanes caeruleus</i> subsp. <i>azureus</i>  | 1            |           |        |
| <i>Couchioplanes caeruleus</i> subsp. <i>caeruleus</i> ( <i>Actinoplanes caeruleus</i> )        | 1            |           |        |
| <b>Cowdria → Ehrlichia</b>  |              |           |        |
| <i>Cowdria ruminantium</i> → <i>Ehrlichia ruminantium</i>                                       |              |           |        |
| <b>Coxiella</b>   |              |           |        |
| <i>Coxiella burnetii</i>  | 3            | Z         |        |
| <b>Crabtreeella – synonym: Shinella</b>   |              |           |        |
| <i>Crabtreeella saccharophila</i> – synonym: <i>Shinella zoogloeoides</i>                       |              |           |        |

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|---|--------------|-----------|--------|
| <b>Crassaminicella</b>                      |              |           |        |
| Crassaminicella profunda                    | 1            |           | neu    |
| <b>Craurococcus</b>                         |              |           |        |
| Craurococcus roseus                         | 1            |           |        |
| <b>Crenalkalicoccus</b>                     |              |           |        |
| Crenalkalicoccus roseus                     | 1            |           | neu    |
| <b>Crenobacter</b>                          |              |           |        |
| Crenobacter luteus                          | 1            |           | neu    |
| <b>Crenotalea</b>                           |              |           |        |
| Crenotalea thermophila                      | 1            |           |        |
| <b>Crenothrix</b>                           |              |           |        |
| Crenothrix polyspora                        | 1            |           |        |
| <b>Cribrihabitans</b>                       |              |           |        |
| Cribrihabitans marinus                      | 1            |           |        |
| Cribrihabitans neustonicus                  | 1            |           | neu    |
| Cribrihabitans pelagius                     | 1            |           | neu    |
| <b>„Crinalium“</b>                          |              |           |        |
| „Crinalium epipsammum“                      | 1            |           |        |
| <b>Cricetibacter</b>                        |              |           |        |
| Cricetibacter osteomyelitidis               | 2            | t         | neu    |
| <b>Cristispira</b>                          |              |           |        |
| Cristispira pectinis                        | 1            |           |        |
| <b>Croceibacter</b>                         |              |           |        |
| Croceibacter atlanticus                     | 1            |           |        |
| <b>Croceicoccus</b>                         |              |           |        |
| Croceicoccus marinus                        | 1            |           |        |
| Croceicoccus mobilis                        | 1            |           | neu    |
| Croceicoccus naphthovorans                  | 1            |           | neu    |
| Croceicoccus pelagius                       | 1            |           | neu    |
| <b>Croceifilum</b>                          |              |           |        |
| Croceifilum oryzae                          | 1            |           | neu    |
| <b>Croceitalea</b>                          |              |           |        |
| Croceitalea dokdonensis                     | 1            |           |        |
| Croceitalea eckloniae                       | 1            |           |        |
| Croceitalea litorea                         | 1            |           | neu    |
| Croceitalea marina                          | 1            |           | neu    |
| <b>Croceivirga</b>                          |              |           |        |
| Croceivirga radialis                        | 1            |           | neu    |
| <b>Crocinitomix</b>                         |              |           |        |
| Crocinitomix algicola                       | 1            |           | neu    |
| Crocinitomix catalasitica                   | 1            |           |        |
| <b>Cronobacter</b>                          |              |           |        |
| Cronobacter condimenti                      | 1            |           | neu    |
| Cronobacter dublinensis subsp. dublinensis  | 2            |           |        |
| Cronobacter dublinensis subsp. lactaridi    | 2            |           |        |
| Cronobacter dublinensis subsp. lausannensis | 2            |           |        |

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|---|--------------|-----------|--------|
| Cronobacter helveticus (Enterobacter helveticus)<br>→ Franconibacter helveticus |              |           | Umb.   |
| Cronobacter malonaticus   | 2            |           |        |
| Cronobacter muytjensii  | 2            |           |        |
| Cronobacter pulveris (Enterobacter pulveris) →<br>Franconibacter pulveris       |              |           | Umb.   |
| Cronobacter sakazakii (Enterobacter sakazakii)                                  | 2            |           |        |
| Cronobacter turicensis  | 2            |           |        |
| Cronobacter universalis   | 1            | +         |        |
| Cronobacter zurichensis (Enterobacter turicensis)<br>→ Siccibacter turicensis   |              |           | Umb.   |
| <b>Crossiella</b>   |              |           |        |
| Crossiella cryophila (Saccharothrix cryophilis)                                 | 1            |           |        |
| Crossiella equi   | 2            | t         |        |
| <b>Cruoricaptor</b>   |              |           |        |
| Cruoricaptor ignavus  | 1            | +         |        |
| <b>Cryobacterium</b>  |              |           |        |
| Cryobacterium arcticum  | 1            |           |        |
| Cryobacterium flavum  | 1            |           |        |
| Cryobacterium levicorallinum  | 1            |           |        |
| Cryobacterium luteum  | 1            |           |        |
| Cryobacterium mesophilum  | 1            |           |        |
| Cryobacterium psychrophilum („Curtobacterium<br>psychrophilum“)                 | 1            |           |        |
| Cryobacterium psychrotolerans   | 1            |           |        |
| Cryobacterium roopkundense  | 1            |           |        |
| <b>Cryomorpha</b>   |              |           |        |
| Cryomorpha ignava   | 1            |           |        |
| <b>Cryptanaerobacter</b>  |              |           |        |
| Cryptanaerobacter phenolicus  | 1            |           |        |
| <b>Cryptobacterium</b>  |              |           |        |
| Cryptobacterium curtum  | 1            |           |        |
| <b>Cryptosporangium</b>   |              |           |        |
| Cryptosporangium arzum  | 1            |           |        |
| Cryptosporangium aurantiacum  | 1            |           |        |
| Cryptosporangium cibodasense  | 1            |           | neu    |
| Cryptosporangium eucalypti  | 1            |           | neu    |
| Cryptosporangium japonicum  | 1            |           |        |
| Cryptosporangium minutisporangium (Actinopla-<br>nes minutisporangius)          | 1            |           |        |
| Cryptosporangium mongoliense  | 1            |           |        |
| <b>Cucumibacter</b>   |              |           |        |
| Cucumibacter marinus  | 1            |           |        |
| <b>Cumulibacter</b>   |              |           |        |
| Cumulibacter manganitolerans  | 1            |           | neu    |
| <b>Cuneatibacter</b>  |              |           |        |
| Cuneatibacter caecimuris  | 1            |           | neu    |
| <b>Cuniculiplasma</b>   |              |           |        |

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|--|--------------|-----------|--------|
| <i>Cuniculiplasma divulgatum</i>   | 1            |           | neu    |
| <b>Cupriavidus</b>   |              |           |        |
| <i>Cupriavidus alkaliphilus</i>  | 1            |           |        |
| <i>Cupriavidus basilensis</i> ( <i>Wautersia basilensis</i> , <i>Ralstonia basilensis</i> )  | 1            |           |        |
| <i>Cupriavidus campinensis</i> ( <i>Wautersia campinensis</i> , <i>Ralstonia campinensis</i> )   | 1            |           |        |
| <i>Cupriavidus gilardii</i> ( <i>Wautersia gilardii</i> , <i>Ralstonia gilardii</i> )  | 1            | +         |        |
| <i>Cupriavidus laharis</i>   | 1            |           |        |
| <i>Cupriavidus metallidurans</i> ( <i>Wautersia metallidurans</i> , <i>Ralstonia metallidurans</i> )   | 1            |           |        |
| <i>Cupriavidus nantongensis</i>  | 1            |           | neu    |
| <i>Cupriavidus necator</i>   | 1            |           |        |
| <i>Cupriavidus numazuensis</i> ( <i>Wautersia numazuensis</i> )  | 1            |           |        |
| <i>Cupriavidus oxalaticus</i> ( <i>Wautersia oxalatica</i> , <i>Ralstonia oxalatica</i> )  | 1            |           |        |
| <i>Cupriavidus pampae</i>  | 1            |           |        |
| <i>Cupriavidus pauculus</i> ( <i>Wautersia paucula</i> , <i>Ralstonia paucula</i> )  | 2            |           |        |
| <i>Cupriavidus pinatubonensis</i>  | 1            |           |        |
| <i>Cupriavidus plantarum</i>   | 1            |           | neu    |
| <i>Cupriavidus respiraculi</i> ( <i>Wautersia respiraculi</i> , <i>Ralstonia respiraculi</i> )   | 1            | +         |        |
| <i>Cupriavidus taiwanensis</i> ( <i>Wautersia taiwanensis</i> , <i>Ralstonia taiwanensis</i> )   | 1            | +         |        |
| <i>Cupriavidus yeoncheonensis</i>  | 1            |           | neu    |
| <b>Curtobacterium</b>  |              |           |        |
| <i>Curtobacterium albidum</i> = <i>Brevibacterium albidum</i>  | 1            |           |        |
| <i>Curtobacterium ammoniigenes</i>   | 1            |           |        |
| <i>Curtobacterium citreum</i> = <i>Brevibacterium citreum</i>  | 1            |           |        |
| <i>Curtobacterium flaccumfaciens</i> ( <i>Corynebacterium betae</i> , <i>Corynebacterium flaccumfaciens</i> , <i>Corynebacterium oortii</i> , <i>Corynebacterium poinsettiae</i> ) | 1            | p2        |        |
| <i>Curtobacterium flaccumfaciens</i> pv. <i>ilicis</i> = <i>Corynebacterium ilicis</i>   | 1            | p2        |        |
| <i>Curtobacterium ginsengisoli</i> → <i>Gryllotalpicola ginsengisoli</i>   |              |           |        |
| <i>Curtobacterium herbarum</i>   | 1            |           |        |
| <i>Curtobacterium luteum</i> = <i>Brevibacterium luteum</i>  | 1            |           |        |
| <i>Curtobacterium plantarum</i>  | 1            |           |        |
| „ <i>Curtobacterium psychrophilum</i> “ → <i>Cryobacterium psychrophilum</i>   |              |           |        |
| <i>Curtobacterium pusillum</i> = <i>Brevibacterium pusillum</i>  | 1            |           |        |
| <i>Curtobacterium saperdae</i> → <i>Microbacterium saperdae</i>  |              |           |        |
| <i>Curtobacterium testaceum</i> → <i>Microbacterium testaceum</i>  |              |           |        |
| <b>Curvibacter</b>   |              |           |        |
| <i>Curvibacter delicatus</i> ( <i>Aquaspirillum delicatum</i> )  | 1            |           |        |

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|--|--------------|-----------|--------------|
| <i>Curvibacter fontanus</i>  | 1            |           |              |
| <i>Curvibacter gracilis</i>  | 1            |           |              |
| <i>Curvibacter lanceolatus</i> ( <i>Pseudomonas lanceolata</i> )   | 1            |           |              |
| <b>Cutibacterium</b>   |              |           |              |
| <i>Cutibacterium acnes</i> subsp. <i>acnes</i> ( <i>Propionibacterium acnes</i> , <i>Propionibacterium acnes</i> subsp. <i>acnes</i> ) | 2            | TA        | Bem.         |
| <i>Cutibacterium acnes</i> subsp. <i>defendens</i> ( <i>Propionibacterium acnes</i> subsp. <i>defendens</i> )                          | 2            | TA        | Bem.         |
| <i>Cutibacterium acnes</i> subsp. <i>elongatum</i> ( <i>Propionibacterium acnes</i> subsp. <i>elongatum</i> )                          | 1            | +         | Umb., Einst. |
| <i>Cutibacterium avidum</i> ( <i>Propionibacterium avidum</i> )  | 2            |           | Umb.         |
| <i>Cutibacterium granulosum</i> ( <i>Propionibacterium granulosum</i> )  | 2            |           | Umb.         |
| <b>Cyclobacterium</b>  |              |           |              |
| <i>Cyclobacterium amurskyense</i>  | 1            |           |              |
| <i>Cyclobacterium caenipelagi</i>  | 1            |           |              |
| <i>Cyclobacterium halophilum</i>   | 1            |           |              |
| <i>Cyclobacterium jeungdonense</i>   | 1            |           |              |
| <i>Cyclobacterium lianum</i>   | 1            |           |              |
| <i>Cyclobacterium marinum</i> ( <i>Flectobacillus marinus</i> )  | 1            |           |              |
| <i>Cyclobacterium qasimii</i>  | 1            |           |              |
| <i>Cyclobacterium xiamenense</i>   | 1            |           |              |
| <b>Cycloclasticus</b>  |              |           |              |
| <i>Cycloclasticus pugetii</i>  | 1            |           |              |
| <b>Cysteiniphilum</b>  |              |           |              |
| <i>Cysteiniphilum litorale</i>   | 1            |           | neu          |
| <b>Cystobacter</b>   |              |           |              |
| <i>Cystobacter armeniaca</i>   | 1            |           |              |
| <i>Cystobacter badius</i>  | 1            |           |              |
| <i>Cystobacter disciformis</i> → <i>Angiococcus disciformis</i>  |              |           |              |
| <i>Cystobacter ferrugineus</i>   | 1            |           |              |
| <i>Cystobacter fuscus</i>  | 1            |           |              |
| <i>Cystobacter gracilis</i>  | 1            |           |              |
| <i>Cystobacter miniatus</i>  | 1            |           |              |
| <i>Cystobacter minus</i> → <i>Archangium minus</i>   |              |           | Umb.         |
| <i>Cystobacter velatus</i>   | 1            |           |              |
| <i>Cystobacter violaceus</i> → <i>Archangium violaceum</i>   |              |           | Umb.         |
| <b>Cytophaga</b>   |              |           |              |
| <i>Cytophaga agarovorans</i> → <i>Marinilabilia salmonicolor</i>   |              |           |              |
| <i>Cytophaga aprica</i> → <i>Flammeovirga aprica</i>   |              |           |              |
| <i>Cytophaga aquatilis</i> → <i>Flavobacterium hydatis</i>   |              |           |              |
| <i>Cytophaga arvensicola</i> → <i>Chitinophaga arvensicola</i>   |              |           |              |
| <i>Cytophaga aurantiaca</i>  | 1            |           |              |
| <i>Cytophaga columnaris</i> → <i>Flavobacterium columnare</i>  |              |           |              |

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| Cytophaga diffluens → Persicobacter diffluens                               |              |           |        |
| Cytophaga fermentans → Saccharicrinis fermentans                            |              |           |        |
| Cytophaga flevensis → Flavobacterium flevense                               |              |           |        |
| Cytophaga heparina → Pedobacter heparinus                                   |              |           |        |
| Cytophaga hutchinsonii  | 1            |           |        |
| Cytophaga johnsonae → Flavobacterium johnsoniae                             |              |           |        |
| Cytophaga latercula → Aquimarina latercula                                  |              |           |        |
| Cytophaga lytica → Cellulophaga lytica                                      |              |           |        |
| Cytophaga marina – synonym: Flexibacter maritimus → Tenacibaculum maritimum |              |           |        |
| Cytophaga marinoflava → Leeuwenhoekella marinoflava                         |              |           |        |
| Cytophaga pectinovora → Flavobacterium pectinovorum                         |              |           |        |
| Cytophaga psychrophila → Flavobacterium psychrophilum                       |              |           |        |
| Cytophaga saccharophila → Flavobacterium saccharophilum                     |              |           |        |
| Cytophaga salmonicolor → Marinilabilia salmonicolor                         |              |           |        |
| Cytophaga succinicans → Flavobacterium succinicans                          |              |           |        |
| Cytophaga uliginosa → Zobellia uliginosa                                    |              |           |        |
| Cytophaga xylyanolytica   | 1            |           |        |
| <b>Dactylosporangium</b>  |              |           |        |
| Dactylosporangium aurantiacum   | 1            |           |        |
| Dactylosporangium cerinum   | 1            |           | neu    |
| Dactylosporangiumarangshiense   | 1            |           |        |
| Dactylosporangium fulvum  | 1            |           |        |
| Dactylosporangium luridum   | 1            |           |        |
| Dactylosporangium luteum  | 1            |           |        |
| Dactylosporangium maewongense   | 1            |           |        |
| Dactylosporangium matsuzakiense   | 1            |           |        |
| Dactylosporangium roseum  | 1            |           |        |
| Dactylosporangium salmoneum   | 1            |           |        |
| Dactylosporangium siamense  | 1            |           |        |
| Dactylosporangium solaniradicis   | 1            |           | neu    |
| Dactylosporangium thailandense  | 1            |           |        |
| Dactylosporangium tropicum  | 1            |           |        |
| Dactylosporangium vinaceum  | 1            |           |        |
| <b>Daeguia</b>  |              |           |        |
| Daeguia caeni   | 1            |           |        |
| <b>Daejeonia</b>  |              |           |        |
| Daejeonia ginsenosidivorans   | 1            |           | neu    |
| <b>Dankookia</b>  |              |           |        |
| Dankookia rubra   | 1            |           | neu    |
| <b>Dasania</b>  |              |           |        |
| Dasania marina  | 1            |           |        |

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| <b>Dechloromonas</b>   |              |           |        |
| Dechloromonas agitata  | 1            |           |        |
| Dechloromonas denitrificans                                      | 1            |           |        |
| Dechloromonas hortensis  | 1            |           |        |
| <b>Dechlorosoma – synonym: Azospira</b>                          |              |           |        |
| Dechlorosoma suillum – synonym: Azospira oryzae                  |              |           |        |
| <b>Deefgea</b>   |              |           |        |
| Deefgea chitinilytica  | 1            |           |        |
| Deefgea rivuli   | 1            |           |        |
| <b>Deferribacter</b>   |              |           |        |
| Deferribacter abyssi   | 1            |           |        |
| Deferribacter autotrophicus                                      | 1            |           |        |
| Deferribacter desulfuricans                                      | 1            |           |        |
| Deferribacter thermophilus                                       | 1            |           |        |
| <b>Deferrisoma</b>   |              |           |        |
| Deferrisoma camini   | 1            |           |        |
| Deferrisoma palaeochoriense                                      | 1            |           | neu    |
| <b>Defluviibacter → Aquamicrobium</b>                            |              |           |        |
| Defluviibacter lusatiensis (lusatiae) → Aquamicrobium lusatiense |              |           |        |
| <b>Defluvicoccus</b>   |              |           |        |
| Defluvicoccus vanus  | 1            |           |        |
| <b>Defluviimonas</b>   |              |           |        |
| Defluviimonas aestuarii  | 1            |           | neu    |
| Defluviimonas alba   | 1            |           |        |
| Defluviimonas aquaemixtae  | 1            |           |        |
| Defluviimonas denitrificans                                      | 1            |           | neu    |
| Defluviimonas indica   | 1            |           | neu    |
| Defluviimonas nitratireducens                                    | 1            |           |        |
| <b>Defluviitalea</b>   |              |           |        |
| Defluviitalea raffinosedens                                      | 1            |           | neu    |
| Defluviitalea saccharophila                                      | 1            |           |        |
| <b>Defluviitoga</b>  |              |           |        |
| Defluviitoga tunisiensis   | 1            |           |        |
| <b>Dehalobacter</b>  |              |           |        |
| Dehalobacter restrictus  | 1            |           |        |
| <b>Dehalococcoides</b>   |              |           |        |
| Dehalococcoides mccartyi   | 1            |           |        |
| <b>Dehalogenimonas</b>   |              |           |        |
| Dehalogenimonas alkenigignens                                    | 1            |           |        |
| Dehalogenimonas formicexedens                                    | 1            |           | neu    |
| Dehalogenimonas lykanthroporepellens                             | 1            |           |        |
| <b>Dehalospirillum → Sulfurospirillum</b>                        |              |           |        |
| Dehalospirillum multivorans → Sulfurospirillum multivorans       |              |           |        |
| <b>Deinobacter → Deinococcus</b>                                 |              |           |        |



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|--|--------------|-----------|--------|
| Deinobacter grandis → Deinococcus grandis            |              |           |        |
| <b>Deinobacterium</b>                                |              |           |        |
| Deinobacterium chartae                               | 1            |           |        |
| <b>Deinococcus</b>                                   |              |           |        |
| Deinococcus actinosclerus                            | 1            |           | neu    |
| Deinococcus aereus                                   | 1            |           |        |
| Deinococcus aerolatus                                | 1            |           |        |
| Deinococcus aerophilus                               | 1            |           |        |
| Deinococcus aetherius                                | 1            |           |        |
| Deinococcus alpinitundrae                            | 1            |           |        |
| Deinococcus altitudinis                              | 1            |           |        |
| Deinococcus antarcticus                              | 1            |           | neu    |
| Deinococcus apachensis                               | 1            |           |        |
| Deinococcus aquaticus                                | 1            |           |        |
| Deinococcus aquatilis                                | 1            |           |        |
| Deinococcus aquiradiocola                            | 1            |           |        |
| Deinococcus arenae                                   | 1            |           | neu    |
| Deinococcus budaensis                                | 1            |           | neu    |
| Deinococcus caeni                                    | 1            |           |        |
| Deinococcus carri                                    | 1            |           | neu    |
| Deinococcus cellulosilyticus                         | 1            |           |        |
| Deinococcus citri                                    | 1            |           | neu    |
| Deinococcus claudionis                               | 1            |           |        |
| Deinococcus daejeonensis                             | 1            |           |        |
| Deinococcus depolymerans                             | 1            |           |        |
| Deinococcus deserti                                  | 1            |           |        |
| Deinococcus enclensis                                | 1            |           | neu    |
| Deinococcus erythromyxa → Kocuria rosea              |              |           |        |
| Deinococcus ficus                                    | 1            |           |        |
| Deinococcus frigens                                  | 1            |           |        |
| Deinococcus geothermalis                             | 1            |           |        |
| Deinococcus gobiensis                                | 1            |           |        |
| Deinococcus grandis (Deinobacter grandis)            | 1            |           |        |
| Deinococcus hibisci                                  | 1            |           | neu    |
| Deinococcus hohokamensis                             | 1            |           |        |
| Deinococcus hopiensis                                | 1            |           |        |
| Deinococcus humi                                     | 1            |           |        |
| Deinococcus indicus                                  | 1            |           |        |
| Deinococcus knuensis                                 | 1            |           | neu    |
| Deinococcus malanensis                               | 1            |           | neu    |
| Deinococcus maricopensis                             | 1            |           |        |
| Deinococcus marmoris                                 | 1            |           |        |
| Deinococcus metalli                                  | 1            |           | neu    |
| Deinococcus metallilatus                             | 1            |           | neu    |
| Deinococcus misasensis                               | 1            |           |        |
| Deinococcus mumbaiensis – synonym: Deinococcus ficus |              |           |        |

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|--|----------------|-----------|--------|
| <i>Deinococcus murrayi</i>   | 1              |           |        |
| <i>Deinococcus navajonensis</i>  | 1              |           |        |
| <i>Deinococcus papagonensis</i>  | 1              |           |        |
| <i>Deinococcus peraridillitoris</i>  | 1              |           |        |
| <i>Deinococcus persicinus</i>  | 1              |           | neu    |
| <i>Deinococcus phoenicis</i>   | 1              |           | neu    |
| <i>Deinococcus pimensis</i>  | 1              |           |        |
| <i>Deinococcus piscis</i>  | 1              |           |        |
| <i>Deinococcus proteolyticus</i>   | 1              |           |        |
| <i>Deinococcus puniceus</i>  | 1              |           | neu    |
| <i>Deinococcus radiodurans</i>   | 1              |           |        |
| <i>Deinococcus radiomollis</i>   | 1              |           |        |
| <i>Deinococcus radiophilus</i>   | 1              |           |        |
| <i>Deinococcus radiopugnans</i>  | 1              |           |        |
| <i>Deinococcus radioresistens</i>  | 1              |           | neu    |
| <i>Deinococcus radiotolerans</i>   | 1              |           | neu    |
| <i>Deinococcus reticulitermitis</i>  | 1              |           |        |
| <i>Deinococcus roseus</i>  | 1              |           |        |
| <i>Deinococcus ruber</i>   | 1              |           | neu    |
| <i>Deinococcus saudiensis</i>  | 1              |           | neu    |
| <i>Deinococcus saxicola</i>  | 1              |           |        |
| <i>Deinococcus sedimenti</i>   | 1              |           | neu    |
| <i>Deinococcus seoulensis</i>  | 1              |           | neu    |
| <i>Deinococcus soli</i>  | 1              |           | neu    |
| <i>Deinococcus sonorensis</i>  | 1              |           |        |
| <i>Deinococcus swuensis</i>  | 1              |           | neu    |
| <i>Deinococcus taklimakanensis</i>   | 1              |           | neu    |
| <i>Deinococcus wulumuqiensis</i>   | 1              |           |        |
| <i>Deinococcus xibeiensis</i> – synonym: <i>Deinococcus wulumuqiensis</i>                    |                |           |        |
| <i>Deinococcus xinjiangensis</i>   | 1              |           |        |
| <i>Deinococcus yavapaiensis</i>  | 1              |           |        |
| <i>Deinococcus yunweiensis</i>   | 1              |           |        |
| <b>Deleya</b>  |                |           |        |
| <i>Deleya aesta</i> – synonym: <i>Deleya aquamarina</i> → <i>Halomonas aquamarina</i>        |                |           |        |
| <i>Deleya aquamarina</i> → <i>Halomonas aquamarina</i>                                       |                |           |        |
| <i>Deleya cupida</i> → <i>Halomonas cupida</i>   |                |           |        |
| <i>Deleya halophila</i> → <i>Halomonas halophila</i>   |                |           |        |
| <i>Deleya marina</i> → <i>Cobetia marina</i>   |                |           |        |
| <i>Deleya pacifica</i> → <i>Halomonas pacifica</i>   |                |           |        |
| <i>Deleya salina</i> → <i>Halomonas salina</i>   |                |           |        |
| <i>Deleya venusta</i> → <i>Halomonas venusta</i>   |                |           |        |
| <b>Delftia</b>   |                |           |        |
| <i>Delftia acidovorans</i> ( <i>Pseudomonas acidovorans</i> , <i>Comamonas acidovorans</i> ) | 1 <sup>G</sup> | +         |        |
| <i>Delftia deserti</i>   | 1              |           | neu    |
| <i>Delftia lacustris</i>   | 1              |           |        |

<sup>G</sup> Auf eine abweichende Einstufung in der „Liste risikobewerteter Spender- und Empfängerorganismen für gentechnische Arbeiten“ wird hingewiesen. Ausschuss für Biologische Arbeitsstoffe - ABAS - www.bau.de/abas

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| <i>Delftia litopenaei</i>  | 1            |           |        |
| <i>Delftia rhizosphaerae</i>                                       | 1            |           | neu    |
| <i>Delftia tsuruhatensis</i>                                       | 1            | +         | Bem.   |
| <b>Demequina</b>   |              |           |        |
| <i>Demequina activiva</i>  | 1            |           | neu    |
| <i>Demequina aestuarii</i>   | 1            |           |        |
| <i>Demequina aurantiaca</i>  | 1            |           |        |
| <i>Demequina flava</i>   | 1            |           |        |
| <i>Demequina globuliformis</i>                                     | 1            |           |        |
| <i>Demequina litorisediminis</i>                                   | 1            |           | neu    |
| <i>Demequina lutea</i>   | 1            |           |        |
| <i>Demequina oxidasica</i>   | 1            |           |        |
| <i>Demequina salsinemoris</i>                                      | 1            |           |        |
| <i>Demequina sedimicola</i>  | 1            |           |        |
| <b>Demetria</b>  |              |           |        |
| <i>Demetria terragena</i>  | 1            |           |        |
| <b>Dendrosporobacter</b>   |              |           |        |
| <i>Dendrosporobacter quercicolus</i> (Clostridium querciculum)     | 1            |           |        |
| <b>Denitratisoma</b>   |              |           |        |
| <i>Denitratisoma oestradiolicum</i>                                | 1            |           |        |
| <b>Denitrobacterium</b>  |              |           |        |
| <i>Denitrobacterium detoxificans</i>                               | 1            |           |        |
| <b>Denitrovibrio</b>   |              |           |        |
| <i>Denitrovibrio acetiphilus</i>                                   | 1            |           |        |
| <b>Dermabacter</b>   |              |           |        |
| <i>Dermabacter hominis</i>   | 1            | +         |        |
| <i>Dermabacter jinjuensis</i>                                      | 1            | +         | neu    |
| <b>Dermacoccus</b>   |              |           |        |
| <i>Dermacoccus abyssi</i>  | 1            |           |        |
| <i>Dermacoccus barathri</i>  | 1            |           |        |
| <i>Dermacoccus nishinomiyaensis</i> (Micrococcus nishinomiyaensis) | 1            |           |        |
| <i>Dermacoccus profundus</i>                                       | 1            |           |        |
| <b>Dermatophilus</b>   |              |           |        |
| <i>Dermatophilus chelonae</i> → <i>Austwickia chelonae</i>         |              |           | Umb.   |
| <i>Dermatophilus congolensis</i>                                   | 2            | Z         |        |
| <b>Derxia</b>  |              |           |        |
| <i>Derxia gummosa</i>  | 1            |           |        |
| <i>Derxia lacustris</i>  | 1            |           |        |
| <b>Desemzia</b>  |              |           |        |
| <i>Desemzia incerta</i> (Brevibacterium incertum)                  | 1            |           |        |
| <b>Desertibacillus</b>   |              |           |        |
| <i>Desertibacillus haloalkaliphilus</i>                            | 1            |           | neu    |
| <b>Desertibacter</b>   |              |           |        |
| <i>Desertibacter roseus</i>  | 1            |           |        |
| <i>Desertibacter xinjiangensis</i>                                 | 1            |           | neu    |

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| <b>Desmospora</b>                                 |              |           |        |
| Desmospora activa                                 | 1            | +         |        |
| Desmospora profundinema                           | 1            |           | neu    |
| <b>Desulfacinum</b>                               |              |           |        |
| Desulfacinum hydrothermale                        | 1            |           |        |
| Desulfacinum infernum                             | 1            |           |        |
| <b>Desulfarculus</b>                              |              |           |        |
| Desulfarculus baarsii (Desulfovibrio baarsii)     | 1            |           |        |
| <b>Desulfatibacillum</b>                          |              |           |        |
| Desulfatibacillum aliphaticivorans                | 1            |           |        |
| Desulfatibacillum alkenivorans                    | 1            |           |        |
| <b>Desulfatiferula</b>                            |              |           |        |
| Desulfatiferula berrensii                         | 1            |           |        |
| Desulfatiferula olefinivorans                     | 1            |           |        |
| <b>Desulfatiglans</b>                             |              |           |        |
| Desulfatiglans anilini (Desulfobacterium anilini) | 1            |           | Umb.   |
| Desulfatiglans parachlorophenolica                | 1            |           | neu    |
| <b>Desulfatirhabdium</b>                          |              |           |        |
| Desulfatirhabdium butyrativorans                  | 1            |           |        |
| <b>Desulfatitalea</b>                             |              |           |        |
| Desulfatitalea tepidiphila                        | 1            |           |        |
| <b>Desulfitibacter</b>                            |              |           |        |
| Desulfitibacter alkalitolerans                    | 1            |           |        |
| <b>Desulfitispora</b>                             |              |           |        |
| Desulfitispora alkaliphila                        | 1            |           |        |
| Desulfitispora elongata                           | 1            |           | neu    |
| <b>Desulfitobacterium</b>                         |              |           |        |
| Desulfitobacterium aromaticivorans                | 1            |           |        |
| Desulfitobacterium chlororespirans                | 1            |           |        |
| Desulfitobacterium dehalogenans                   | 1            |           |        |
| Desulfitobacterium frappieri                      | 1            |           |        |
| Desulfitobacterium hafniense                      | 1            |           |        |
| Desulfitobacterium metallireducens                | 1            |           |        |
| <b>Desulfobacca</b>                               |              |           |        |
| Desulfobacca acetoxidans                          | 1            |           |        |
| <b>Desulfobacter</b>                              |              |           |        |
| Desulfobacter curvatus                            | 1            |           |        |
| Desulfobacter halotolerans                        | 1            |           |        |
| Desulfobacter hydrogenophilus                     | 1            |           |        |
| Desulfobacter latus                               | 1            |           |        |
| Desulfobacter postgatei                           | 1            |           |        |
| Desulfobacter vibrioformis                        | 1            |           |        |
| <b>Desulfobacterium</b>                           |              |           |        |
| Desulfobacterium anilini                          | 1            |           |        |
| Desulfobacterium anilini → Desulfatiglans anilini |              |           | Umb.   |
| Desulfobacterium autotrophicum                    | 1            |           |        |

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|---|--------------|-----------|--------|
| Desulfobacterium catecholicum                         | 1            |           |        |
| Desulfobacterium cetonicum → Desulfosarcina cetonica  |              |           |        |
| Desulfobacterium indolicum                            | 1            |           |        |
| Desulfobacterium macestii → Desulfomicrobium macestii |              |           |        |
| Desulfobacterium niacini                              | 1            |           |        |
| Desulfobacterium phenolicum → Desulfobacula phenolica |              |           |        |
| Desulfobacterium vacuolatum                           | 1            |           |        |
| <b>Desulfobacula</b>                                  |              |           |        |
| Desulfobacula phenolica (Desulfobacterium phenolicum) | 1            |           |        |
| Desulfobacula toluolica                               | 1            |           |        |
| <b>Desulfobaculum</b>                                 |              |           |        |
| Desulfobaculum xiamenense                             | 1            |           |        |
| <b>Desulfobotulus</b>                                 |              |           |        |
| Desulfobotulus alkaliphilus                           | 1            |           |        |
| Desulfobotulus sapovorans (Desulfovibrio sapovorans)  | 1            |           |        |
| <b>Desulfobulbus</b>                                  |              |           |        |
| Desulfobulbus alkaliphilus                            | 1            |           |        |
| Desulfobulbus elongatus                               | 1            |           |        |
| Desulfobulbus japonicus                               | 1            |           |        |
| Desulfobulbus marinus                                 | 1            |           |        |
| Desulfobulbus mediterraneus                           | 1            |           |        |
| Desulfobulbus oligotrophicus                          | 1            |           | neu    |
| Desulfobulbus propionicus                             | 1            |           |        |
| Desulfobulbus rhabdoformis                            | 1            |           |        |
| <b>Desulfocapsa</b>                                   |              |           |        |
| Desulfocapsa sulfexigens                              | 1            |           |        |
| Desulfocapsa thiozymogenes                            | 1            |           |        |
| <b>Desulfocarbo</b>                                   |              |           |        |
| Desulfocarbo indianensis                              | 1            |           | neu    |
| <b>Desulfocella</b>                                   |              |           |        |
| Desulfocella halophila                                | 1            |           |        |
| <b>Desulfococcus</b>                                  |              |           |        |
| Desulfococcus biacutus                                | 1            |           |        |
| Desulfococcus multivorans                             | 1            |           |        |
| <b>Desulfoconvexum</b>                                |              |           |        |
| Desulfoconvexum algidum                               | 1            |           |        |
| <b>Desulfocucumis</b>                                 |              |           |        |
| Desulfocucumis palustris                              | 1            |           | neu    |
| <b>Desulfocurvus</b>                                  |              |           |        |
| Desulfocurvus thunnarius                              | 1            |           |        |
| Desulfocurvus vexinensis                              | 1            |           |        |
| <b>Desulfofaba</b>                                    |              |           |        |
| Desulfofaba fastidiosa                                | 1            |           |        |

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| Desulfofaba gelida                                    | 1            |           |        |
| Desulfofaba hansenii (Desulfomusa hansenii)           | 1            |           |        |
| <b>Desulfofrigus</b>                                  |              |           |        |
| Desulfofrigus fragile                                 | 1            |           |        |
| Desulfofrigus oceanense                               | 1            |           |        |
| <b>Desulfofustis</b>                                  |              |           |        |
| Desulfofustis glycolicus                              | 1            |           |        |
| <b>Desulfoglaeba</b>                                  |              |           |        |
| Desulfoglaeba alkanexedens                            | 1            |           |        |
| <b>Desulfohalobium</b>                                |              |           |        |
| Desulfohalobium retbaense                             | 1            |           |        |
| Desulfohalobium utahense                              | 1            |           |        |
| <b>Desulfoluna</b>                                    |              |           |        |
| Desulfoluna butyratoxydans                            | 1            |           |        |
| Desulfoluna spongiiphila                              | 1            |           |        |
| <b>Desulfomicrobium</b>                               |              |           |        |
| Desulfomicrobium apsheronum                           | 1            |           |        |
| Desulfomicrobium baculatum (Desulfovibrio baculatus)  | 1            |           |        |
| Desulfomicrobium escambiense                          | 1            |           |        |
| Desulfomicrobium macestii (Desulfobacterium macestii) | 1            |           |        |
| Desulfomicrobium norvegicum                           | 1            |           |        |
| Desulfomicrobium orale                                | 2            |           |        |
| Desulfomicrobium thermophilum                         | 1            |           |        |
| <b>Desulfomonas → Desulfovibrio</b>                   |              |           |        |
| Desulfomonas pigra → Desulfovibrio piger              |              |           |        |
| <b>Desulfomonile</b>                                  |              |           |        |
| Desulfomonile limimaris                               | 1            |           |        |
| Desulfomonile tiedjei                                 | 1            |           |        |
| <b>Desulfomusa → Desulfofaba</b>                      |              |           |        |
| Desulfomusa hansenii → Desulfofaba hansenii           |              |           |        |
| <b>Desulfonatronobacter</b>                           |              |           |        |
| Desulfonatronobacter acetoxydans                      | 1            |           | neu    |
| Desulfonatronobacter acidivorans                      | 1            |           |        |
| <b>Desulfonatronospira</b>                            |              |           |        |
| Desulfonatronospira delicata                          | 1            |           |        |
| Desulfonatronospira sulfatiphila                      | 1            |           | neu    |
| Desulfonatronospira thiodismutans                     | 1            |           |        |
| <b>Desulfonatronovibrio</b>                           |              |           |        |
| Desulfonatronovibrio halophilus                       | 1            |           |        |
| Desulfonatronovibrio hydrogenovorans                  | 1            |           |        |
| Desulfonatronovibrio magnus                           | 1            |           |        |
| Desulfonatronovibrio thiodismutans                    | 1            |           |        |
| <b>Desulfonatronum</b>                                |              |           |        |
| Desulfonatronum alkalitolerans                        | 1            |           |        |
| Desulfonatronum buryatense                            | 1            |           |        |

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| Desulfonatronum cooperativum                         | 1            |           |        |
| Desulfonatronum lacustre                             | 1            |           |        |
| Desulfonatronum parangueonense                       | 1            |           | neu    |
| Desulfonatronum thioautotrophicum                    | 1            |           |        |
| Desulfonatronum thiodismutans                        | 1            |           |        |
| Desulfonatronum thiosulfatophilum                    | 1            |           |        |
| Desulfonatronum zhilinae                             | 1            |           | neu    |
| <b>Desulfonauticus</b>                               |              |           |        |
| Desulfonauticus autotrophicus                        | 1            |           |        |
| Desulfonauticus submarinus                           | 1            |           |        |
| <b>Desulfonema</b>                                   |              |           |        |
| Desulfonema ishimonii                                | 1            |           |        |
| Desulfonema limicola                                 | 1            |           |        |
| Desulfonema magnum                                   | 1            |           |        |
| <b>Desulfonispora</b>                                |              |           |        |
| Desulfonispora thiosulfatigenes                      | 1            |           |        |
| <b>Desulfopila</b>                                   |              |           |        |
| Desulfopila aestuarii                                | 1            |           |        |
| Desulfopila inferna                                  | 1            |           |        |
| <b>Desulfoplanes</b>                                 |              |           |        |
| Desulfoplanes formicivorans                          | 1            |           | neu    |
| <b>Desulfoprunum</b>                                 |              |           |        |
| Desulfoprunum benzoelyticum                          | 1            |           | neu    |
| <b>Desulforegula</b>                                 |              |           |        |
| Desulforegula conservatrix                           | 1            |           |        |
| <b>Desulforhabdus</b>                                |              |           |        |
| Desulforhabdus amnigena                              | 1            |           |        |
| <b>Desulforhopalus</b>                               |              |           |        |
| Desulforhopalus singaporensis                        | 1            |           |        |
| Desulforhopalus vacuolatus                           | 1            |           |        |
| <b>Desulfosalsimonas</b>                             |              |           |        |
| Desulfosalsimonas propionica                         | 1            |           |        |
| <b>Desulfosarcina</b>                                |              |           |        |
| Desulfosarcina alkanivorans                          | 1            |           | neu    |
| Desulfosarcina cetonica (Desulfobacterium cetonicum) | 1            |           |        |
| Desulfosarcina ovata                                 | 1            |           |        |
| Desulfosarcina variabilis                            | 1            |           |        |
| Desulfosarcina widdelii                              | 1            |           | neu    |
| <b>Desulfosoma</b>                                   |              |           |        |
| Desulfosoma caldarium                                | 1            |           |        |
| Desulfosoma profundum                                | 1            |           |        |
| <b>Desulfospira</b>                                  |              |           |        |
| Desulfospira joergensenii                            | 1            |           |        |
| <b>Desulfosporosinus</b>                             |              |           |        |
| Desulfosporosinus acididurans                        | 1            |           | neu    |
| Desulfosporosinus acidiphilus                        | 1            |           |        |

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|---|--------------|-----------|--------|
| Desulfosporosinus auripigmenti (Desulfotomaculum auripigmentum)             | 1            |           |        |
| Desulfosporosinus burensis  | 1            |           |        |
| Desulfosporosinus fructosivorans  | 1            |           | neu    |
| Desulfosporosinus hippei  | 1            |           |        |
| Desulfosporosinus lacus   | 1            |           |        |
| Desulfosporosinus meridiei  | 1            |           |        |
| Desulfosporosinus nitroreducens   | 1            |           | neu    |
| Desulfosporosinus orientis (Desulfotomaculum orientis)                      | 1            |           |        |
| Desulfosporosinus youngiae  | 1            |           |        |
| <b>Desulfotalea</b>   |              |           |        |
| Desulfotalea arctica  | 1            |           |        |
| Desulfotalea psychrophila   | 1            |           |        |
| <b>Desulfothermus</b>   |              |           |        |
| Desulfothermus naphthae   | 1            |           |        |
| Desulfothermus okinawensis  | 1            |           |        |
| <b>Desulfotignum</b>  |              |           |        |
| Desulfotignum balticum  | 1            |           |        |
| Desulfotignum toluenicum  | 1            |           |        |
| <b>Desulfotomaculum</b>   |              |           |        |
| Desulfotomaculum acetoxidans  | 1            |           |        |
| Desulfotomaculum aeronauticum   | 1            |           |        |
| Desulfotomaculum alcoholivorax  | 1            |           |        |
| Desulfotomaculum alkaliphilum   | 1            |           |        |
| Desulfotomaculum antarcticum  | 1            |           |        |
| Desulfotomaculum aquiferis  | 1            |           | neu    |
| Desulfotomaculum arcticum   | 1            |           |        |
| Desulfotomaculum auripigmentum → Desulfosporosinus auripigmenti             |              |           |        |
| Desulfotomaculum australicum  | 1            |           |        |
| Desulfotomaculum carboxydivorans – synonym:<br>Desulfotomaculum nigrificans |              |           | Umb.   |
| Desulfotomaculum defluvii   | 1            |           |        |
| Desulfotomaculum ferrireducens  | 1            |           | neu    |
| Desulfotomaculum geothermicum   | 1            |           |        |
| Desulfotomaculum gibsoniae  | 1            |           |        |
| Desulfotomaculum guttoideum   | 1            |           |        |
| Desulfotomaculum halophilum   | 1            |           |        |
| Desulfotomaculum hydrothermale  | 1            |           |        |
| Desulfotomaculum intricatum   | 1            |           |        |
| Desulfotomaculum kuznetsovii  | 1            |           |        |
| Desulfotomaculum luciae   | 1            |           |        |
| Desulfotomaculum nigrificans  | 1            |           |        |
| Desulfotomaculum orientis → Desulfosporosinus orientis                      |              |           |        |
| Desulfotomaculum peckii   | 1            |           |        |
| Desulfotomaculum profundum  | 1            |           | neu    |



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|---|--------------|-----------|--------|
| Desulfotomaculum putei  | 1            |           |        |
| Desulfotomaculum reducens   | 1            |           | neu    |
| Desulfotomaculum ruminis  | 1            |           |        |
| Desulfotomaculum sapomandens  | 1            |           |        |
| Desulfotomaculum solfataricum   | 1            |           |        |
| Desulfotomaculum thermoacetoxidans  | 1            |           |        |
| Desulfotomaculum thermobenzoicum subsp. thermobenzoicum   | 1            |           |        |
| Desulfotomaculum thermobenzoicum subsp. thermosyntrophicum  | 1            |           |        |
| Desulfotomaculum thermocisternum  | 1            |           |        |
| Desulfotomaculum thermosapovorans   | 1            |           |        |
| Desulfotomaculum thermosubterraneum   | 1            |           |        |
| Desulfotomaculum tongense   | 1            |           |        |
| Desulfotomaculum varum  | 1            |           |        |
| <b>Desulfovermiculus</b>  |              |           |        |
| Desulfovermiculus halophilus  | 1            |           |        |
| <b>Desulfovibrio</b>  |              |           |        |
| Desulfovibrio acrylicus – synonym: Desulfovibrio desulfuricans subsp. aestuarii → Halodesulfovibrio aestuarii |              |           | Umb.   |
| Desulfovibrio aerotolerans  | 1            |           |        |
| Desulfovibrio aespoeensis → Pseudodesulfovibrio aespoeensis   |              |           | Umb.   |
| Desulfovibrio africanus subsp. africanus (Desulfovibrio africanus)  | 1            |           |        |
| Desulfovibrio africanus subsp. uniflagellum   | 1            |           |        |
| Desulfovibrio africanus → Desulfovibrio africanus subsp. africanus  |              |           |        |
| Desulfovibrio alaskensis  | 1            |           |        |
| Desulfovibrio alcoholovorans  | 1            |           |        |
| Desulfovibrio alkalitolerans  | 1            |           |        |
| Desulfovibrio aminophilus   | 1            |           |        |
| Desulfovibrio arcticus  | 1            |           |        |
| Desulfovibrio baarsii → Desulfarculus baarsii   |              |           |        |
| Desulfovibrio baculatus → Desulfomicrobium baculatum  |              |           |        |
| Desulfovibrio bastinii  | 1            |           |        |
| Desulfovibrio biadhensis  | 1            |           | neu    |
| Desulfovibrio bizertensis   | 1            |           |        |
| Desulfovibrio burkinensis   | 1            |           |        |
| Desulfovibrio butyratiphilus  | 1            |           |        |
| Desulfovibrio capillatus  | 1            |           |        |
| Desulfovibrio carbinolicus  | 1            |           |        |
| Desulfovibrio carbinoliphilus   | 1            |           |        |
| Desulfovibrio cuneatus  | 1            |           |        |
| Desulfovibrio dechloracetivorans  | 1            |           |        |
| Desulfovibrio desulfuricans subsp. aestuarii → Halodesulfovibrio aestuarii                                    |              |           | Umb.   |
| Desulfovibrio desulfuricans subsp. desulfuricans  | 1            |           |        |

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|---|--------------|-----------|--------|
| Desulfovibrio ferrireducens   | 1            |           |        |
| Desulfovibrio frigidus  | 1            |           |        |
| Desulfovibrio fructosovorans  | 1            |           |        |
| Desulfovibrio furfuralis  | 1            |           |        |
| Desulfovibrio gabonensis  | 1            |           |        |
| Desulfovibrio giganteus   | 1            |           |        |
| Desulfovibrio gigas   | 1            |           |        |
| Desulfovibrio gracilis  | 1            |           |        |
| Desulfovibrio halophilus  | 1            |           |        |
| Desulfovibrio hydrothermalis  | 1            |           |        |
| Desulfovibrio idahonensis   | 1            |           |        |
| Desulfovibrio indonesiensis   | 1            |           |        |
| Desulfovibrio inopinatus  | 1            |           |        |
| Desulfovibrio intestinalis  | 1            |           |        |
| Desulfovibrio legallii  | 1            |           |        |
| Desulfovibrio litoralis   | 1            |           |        |
| Desulfovibrio longreachensis  | 1            |           |        |
| Desulfovibrio longus  | 1            |           |        |
| Desulfovibrio magneticus  | 1            |           |        |
| Desulfovibrio marinisediminis → Halodesulfovibrio marinisediminis             |              |           | Umb.   |
| Desulfovibrio marinus   | 1            |           |        |
| Desulfovibrio marrakechensis  | 1            |           | neu    |
| Desulfovibrio mexicanus   | 1            |           |        |
| Desulfovibrio oceani subsp. galatae → Halodesulfovibrio oceani subsp. galatae |              |           | Umb.   |
| Desulfovibrio oceani subsp. oceani → Halodesulfovibrio oceani subsp. oceani   |              |           | Umb.   |
| Desulfovibrio oxamicus (Desulfovibrio vulgaris subsp. oxamicus)               | 1            |           |        |
| Desulfovibrio oxycliniae  | 1            |           |        |
| Desulfovibrio paquesii  | 1            |           |        |
| Desulfovibrio piezophilus → Pseudodesulfovibrio piezophilus                   |              |           | Umb.   |
| Desulfovibrio piger (Desulfomonas pigra)                                      | 1            |           |        |
| Desulfovibrio portus → Pseudodesulfovibrio portus                             |              |           | Umb.   |
| Desulfovibrio profundus → Pseudodesulfovibrio profundus                       |              |           | Umb.   |
| Desulfovibrio psychrotolerans   | 1            |           |        |
| Desulfovibrio putealis  | 1            |           |        |
| Desulfovibrio salexigens  | 1            |           |        |
| Desulfovibrio sapovorans → Desulfobotulus sapovorans                          |              |           |        |
| Desulfovibrio senegalensis  | 1            |           | neu    |
| Desulfovibrio senezii   | 1            |           |        |
| Desulfovibrio simplex   | 1            |           |        |
| Desulfovibrio sulfodismutans  | 1            |           |        |
| Desulfovibrio termitidis  | 1            |           |        |

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|---|--------------|-----------|--------|
| Desulfovibrio thermophilus → Thermodesulfobacterium mobile            |              |           |        |
| Desulfovibrio tunisiensis   | 1            |           |        |
| Desulfovibrio vietnamensis  | 1            |           |        |
| Desulfovibrio vulgaris (Desulfovibrio vulgaris subsp. vulgaris)       | 1            |           |        |
| Desulfovibrio vulgaris subsp. oxamicus → Desulfovibrio oxamicus       |              |           |        |
| Desulfovibrio vulgaris subsp. vulgaris → Desulfovibrio vulgaris       |              |           |        |
| Desulfovibrio zosteriae   | 1            |           |        |
| <b>Desulfovirga</b>   |              |           |        |
| Desulfovirga adipica  | 1            |           |        |
| <b>Desulfovirella</b>   |              |           |        |
| Desulfovirella thermocuniculi   | 1            |           |        |
| <b>Desulfurella</b>   |              |           |        |
| Desulfurella acetivorans  | 1            |           |        |
| Desulfurella amilsii  | 1            |           | neu    |
| Desulfurella kamchatkensis  | 1            |           |        |
| Desulfurella multipotens  | 1            |           |        |
| Desulfurella propionica   | 1            |           |        |
| <b>Desulfuribacillus</b>  |              |           |        |
| Desulfuribacillus alkaliarsenatis                                     | 1            |           | neu    |
| Desulfuribacillus stibiiarsenatis                                     | 1            |           | neu    |
| <b>Desulfurispira</b>   |              |           |        |
| Desulfurispira natronophila   | 1            |           |        |
| <b>Desulfurispirillum</b>   |              |           |        |
| Desulfurispirillum alkaliphilum                                       | 1            |           |        |
| Desulfurispirillum indicum  | 1            |           |        |
| <b>Desulfurispora</b>   |              |           |        |
| Desulfurispora thermophila  | 1            |           |        |
| <b>Desulfurivibrio</b>  |              |           |        |
| Desulfurivibrio alkaliphilus  | 1            |           |        |
| <b>Desulfurobacterium</b>   |              |           |        |
| Desulfurobacterium atlanticum   | 1            |           |        |
| Desulfurobacterium indicum  | 1            |           | neu    |
| Desulfurobacterium pacificum  | 1            |           |        |
| Desulfurobacterium thermolithotrophum                                 | 1            |           |        |
| <b>Desulfurococcus</b>  |              |           |        |
| Desulfurococcus amylolyticus  | 1            |           |        |
| Desulfurococcus fermentans – synonym: Desulfurococcus amylolyticus    |              |           | Umb.   |
| Desulfurococcus kamchatkensis – synonym: Desulfurococcus amylolyticus |              |           | Umb.   |
| Desulfurococcus mobilis – synonym: Desulfurococcus mucosus            |              |           | Umb.   |
| Desulfurococcus mucosus   | 1            |           |        |
| <b>Desulfurolobus → Acidianus</b>                                     |              |           |        |

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|---|--------------|-----------|--------|
| <i>Desulfurolobus ambivalens</i> → <i>Acidianus ambivalens</i>  |              |           |        |
| <b>Desulfuromonas</b>   |              |           |        |
| <i>Desulfuromonas acetexigens</i>   | 1            |           |        |
| <i>Desulfuromonas acetoxidans</i>   | 1            |           |        |
| <i>Desulfuromonas carbonis</i>  | 1            |           | neu    |
| <i>Desulfuromonas chloroethenica</i>  | 1            |           |        |
| <i>Desulfuromonas michiganensis</i>   | 1            |           |        |
| <i>Desulfuromonas palmitatis</i>  | 1            |           |        |
| <i>Desulfuromonas svalbardensis</i>   | 1            |           |        |
| <i>Desulfuromonas thiophila</i>   | 1            |           |        |
| <b>Desulfuromusa</b>  |              |           |        |
| <i>Desulfuromusa bakii</i>  | 1            |           |        |
| <i>Desulfuromusa ferrireducens</i>  | 1            |           |        |
| <i>Desulfuromusa kysingii</i>   | 1            |           |        |
| <i>Desulfuromusa succinoxidans</i>  | 1            |           |        |
| <b>Dethiobacter</b>   |              |           |        |
| <i>Dethiobacter alkaliphilus</i>  | 1            |           |        |
| <b>Dethiosulfatarculus</b>  |              |           |        |
| <i>Dethiosulfatarculus sandiegensis</i>   | 1            |           | neu    |
| <b>Dethiosulfatibacter</b>  |              |           |        |
| <i>Dethiosulfatibacter aminovorans</i>  | 1            |           |        |
| <b>Dethiosulfovibrio</b>  |              |           |        |
| <i>Dethiosulfovibrio acidaminovorans</i>  | 1            |           |        |
| <i>Dethiosulfovibrio marinus</i>  | 1            |           |        |
| <i>Dethiosulfovibrio peptidovorans</i>  | 1            |           |        |
| <i>Dethiosulfovibrio russensis</i>  | 1            |           |        |
| <i>Dethiosulfovibrio salsuginis</i>   | 1            |           |        |
| <b>Devosia</b>  |              |           |        |
| <i>Devosia albogilva</i>  | 1            |           |        |
| <i>Devosia chinhatensis</i>   | 1            |           |        |
| <i>Devosia confluentis</i>  | 1            |           | neu    |
| <i>Devosia crocina</i>  | 1            |           |        |
| <i>Devosia elaeis</i>   | 1            |           | neu    |
| <i>Devosia enhydra</i> ( <i>Vasilyevaea enhydra</i> , <i>Prosthecomicrobium enhydrium</i> )           | 1            |           | Umb.   |
| <i>Devosia epidermidihirudinis</i>  | 1            |           |        |
| <i>Devosia geojensis</i>  | 1            |           |        |
| <i>Devosia glacialis</i>  | 1            |           |        |
| <i>Devosia honganensis</i>  | 1            |           | neu    |
| <i>Devosia humi</i>   | 1            |           | neu    |
| <i>Devosia insulae</i>  | 1            |           |        |
| <i>Devosia limi</i>   | 1            |           |        |
| <i>Devosia mishustinii</i> ( <i>Vasilyevaea mishustinii</i> , <i>Prosthecomicrobium mishustinii</i> ) | 1            |           | Umb.   |
| <i>Devosia neptuniae</i>  | 1            |           |        |
| <i>Devosia nitraria</i>   | 1            |           | neu    |
| <i>Devosia pacifica</i>   | 1            |           | neu    |

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|--|--------------|-----------|--------|
| <i>Devosia psychrophila</i>  | 1            |           |        |
| <i>Devosia riboflavina</i> („ <i>Pseudomonas riboflavina</i> “)                                  | 1            |           |        |
| <i>Devosia soli</i>  | 1            |           |        |
| <i>Devosia subaequoris</i>   | 1            |           |        |
| <i>Devosia submarina</i>   | 1            |           |        |
| <i>Devosia yakushimensis</i>   | 1            |           |        |
| <b>Devriesea</b>   |              |           |        |
| <i>Devriesea agamarum</i>  | 2            | t         |        |
| <b>Dialister</b>   |              |           |        |
| <i>Dialister invisus</i>   | 2            |           |        |
| <i>Dialister micraerophilus</i>  | 2            |           |        |
| <i>Dialister pneumosintes</i> ( <i>Bacteroides pneumo-sintes</i> )                               | 2            |           |        |
| <i>Dialister propionificiens</i>   | 2            |           |        |
| <i>Dialister succinatiphilus</i>   | 1            |           | neu    |
| <b>Diaminobutyricibacter</b>   |              |           |        |
| <i>Diaminobutyricibacter tongyongensis</i>   | 1            |           | neu    |
| <b>Diaminobutyricimonas</b>  |              |           |        |
| <i>Diaminobutyricimonas aerilata</i>   | 1            |           |        |
| <b>Diaphorobacter</b>  |              |           |        |
| <i>Diaphorobacter aerolatus</i>  | 1            |           |        |
| <i>Diaphorobacter nitroreducens</i>  | 1            |           |        |
| <i>Diaphorobacter oryzae</i>   | 1            |           |        |
| <i>Diaphorobacter polyhydroxybutyratorans</i>  | 1            |           | neu    |
| <b>Dichelobacter</b>   |              |           |        |
| <i>Dichelobacter nodosus</i> ( <i>Bacteroides nodosus</i> )                                      | 2            | t         |        |
| <b>Dichotomicrobium</b>  |              |           |        |
| <i>Dichotomicrobium thermohalophilum</i>   | 1            |           |        |
| <b>Dickeya</b>   |              |           |        |
| <i>Dickeya aquatica</i>  | 1            |           | neu    |
| <i>Dickeya chrysanthemi</i> ( <i>Erwinia chrysanthemi</i> , <i>Pectobacterium chrysanthemi</i> ) | 1            | p2        |        |
| <i>Dickeya dadantii</i> subsp. <i>dadantii</i> ( <i>Dickeya dadantii</i> )                       | 1            | p         |        |
| <i>Dickeya dadantii</i> subsp. <i>dieffenbachiae</i> ( <i>Dickeya dieffenbachiae</i> )           | 1            | p         |        |
| <i>Dickeya dadantii</i> → <i>Dickeya dadantii</i> subsp. <i>dadantii</i>                         |              |           |        |
| <i>Dickeya dianthicola</i>   | 1            | p         |        |
| <i>Dickeya dieffenbachiae</i> → <i>Dickeya dadantii</i> subsp. <i>dieffenbachiae</i>             |              |           |        |
| <i>Dickeya fangzhongdai</i>  | 1            | p2        | neu    |
| <i>Dickeya paradisiaca</i> ( <i>Brenneria paradisiaca</i> , <i>Erwinia paradisiaca</i> )         | 1            | p         |        |
| <i>Dickeya solani</i>  | 1            | p2        |        |
| <i>Dickeya zeae</i>  | 1            | p         |        |
| <b>Dictyobacter</b>  |              |           |        |
| <i>Dictyobacter aurantiacus</i>  | 1            |           | neu    |
| <b>Dictyoglomus</b>  |              |           |        |

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| <i>Dictyoglomus thermophilum</i>                             | 1            |           |        |
| <i>Dictyoglomus turgidum</i>                                 | 1            |           |        |
| <b>Dielma</b>  |              |           |        |
| <i>Dielma fastidiosa</i>                                     | 1            |           | neu    |
| <b>Dietzia</b>   |              |           |        |
| <i>Dietzia aerolata</i>                                      | 1            |           |        |
| <i>Dietzia alimentaria</i>                                   | 1            |           |        |
| <i>Dietzia aurantiaca</i>                                    | 1            | +         |        |
| <i>Dietzia cercidiphylli</i>                                 | 1            |           |        |
| <i>Dietzia cinnamea</i>                                      | 1            | +         |        |
| <i>Dietzia kunjamensis</i>                                   | 1            |           |        |
| <i>Dietzia lutea</i>   | 1            |           |        |
| <i>Dietzia maris</i> ( <i>Rhodococcus maris</i> )            | 1            | +         |        |
| <i>Dietzia natronolimnaea</i>                                | 1            |           |        |
| <i>Dietzia papillomatosis</i>                                | 1            | +         |        |
| <i>Dietzia psychralcaliphila</i>                             | 1            |           |        |
| <i>Dietzia schimae</i>                                       | 1            |           |        |
| <i>Dietzia timorensis</i>                                    | 1            | +         |        |
| <b>Dinghuibacter</b>   |              |           |        |
| <i>Dinghuibacter silviterrae</i>                             | 1            |           | neu    |
| <b>Dinoroseobacter</b>                                       |              |           |        |
| <i>Dinoroseobacter shibae</i>                                | 1            |           |        |
| <b>Diplocalyx</b>  |              |           |        |
| <i>Diplocalyx calotermitidis</i>                             | 1            |           |        |
| <b>Diplorickettsia</b>                                       |              |           |        |
| <i>Diplorickettsia massiliensis</i>                          | 1            | +         |        |
| <b>Dissulfuribacter</b>                                      |              |           |        |
| <i>Dissulfuribacter thermophilus</i>                         | 1            |           |        |
| <b>Dissulfurimicrobium</b>                                   |              |           |        |
| <i>Dissulfurimicrobium hydrothermale</i>                     | 1            |           | neu    |
| <b>Dissulfurirhabdus</b>                                     |              |           |        |
| <i>Dissulfurirhabdus thermomarina</i>                        | 1            |           | neu    |
| <b>Dokdonella</b>  |              |           |        |
| <i>Dokdonella fugitiva</i>                                   | 1            |           |        |
| <i>Dokdonella ginsengisoli</i>                               | 1            |           |        |
| <i>Dokdonella immobilis</i>                                  | 1            |           |        |
| <i>Dokdonella korensis</i>                                   | 1            |           |        |
| <i>Dokdonella kunshanensis</i>                               | 1            |           |        |
| <i>Dokdonella soli</i>                                       | 1            |           |        |
| <b>Dokdonia</b>  |              |           |        |
| <i>Dokdonia diaphoros</i> ( <i>Krokinobacter diaphorus</i> ) | 1            |           |        |
| <i>Dokdonia donghaensis</i>                                  | 1            |           |        |
| <i>Dokdonia eikasta</i> ( <i>Krokinobacter eikastus</i> )    | 1            |           |        |
| <i>Dokdonia genika</i> ( <i>Krokinobacter genikus</i> )      | 1            |           |        |
| <i>Dokdonia lutea</i>  | 1            |           | neu    |
| <i>Dokdonia pacifica</i>                                     | 1            |           | neu    |

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|---|--------------|-----------|--------|
| <b>Dolosicoccus</b>                                     |              |           |        |
| Dolosicoccus paucivorans                                | 1            | +         | neu    |
| <b>Dolosigranulum</b>                                   |              |           |        |
| Dolosigranulum pigrum                                   | 2            |           |        |
| <b>Domibacillus</b>                                     |              |           |        |
| Domibacillus antri                                      | 1            |           | neu    |
| Domibacillus enclensis                                  | 1            |           | neu    |
| Domibacillus epiphyticus                                | 1            |           | neu    |
| Domibacillus indicus                                    | 1            |           | neu    |
| Domibacillus iocasae                                    | 1            |           | neu    |
| Domibacillus mangrovi                                   | 1            |           | neu    |
| Domibacillus robiginosus                                | 1            |           |        |
| Domibacillus tundrae                                    | 1            |           | neu    |
| <b>Donghaeana → Nonlabens</b>                           |              |           |        |
| Donghaeana dokdonensis → Nonlabens dokdonensis          |              |           |        |
| <b>Donghicola</b>                                       |              |           |        |
| Donghicola eburneus                                     | 1            |           |        |
| Donghicola tyrosinivorans                               | 1            |           | neu    |
| Donghicola xiamenensis → Pseudodonghicola xiamenensis   |              |           | Umb.   |
| <b>Dongia</b>   |              |           |        |
| Dongia mobilis  | 1            |           |        |
| Dongia rigui  | 1            |           |        |
| Dongia soli   | 1            |           | neu    |
| <b>Dorea</b>  |              |           |        |
| Dorea formicigenerans (Eubacterium formicigenerans)     | 1            |           |        |
| Dorea longicatena                                       | 1            |           |        |
| <b>Draconibacterium</b>                                 |              |           |        |
| Draconibacterium orientale                              | 1            | t+        |        |
| Draconibacterium sediminis                              | 1            |           | neu    |
| <b>Dubosiella</b>                                       |              |           |        |
| Dubosiella newyorkensis                                 | 1            |           | neu    |
| <b>Duganella</b>  |              |           |        |
| Duganella ginsengisoli                                  | 1            |           | neu    |
| Duganella phyllosphaerae                                | 1            |           |        |
| Duganella radialis                                      | 1            |           |        |
| Duganella sacchari                                      | 1            |           |        |
| Duganella violaceinigra → Pseudoduganella violaceinigra |              |           |        |
| Duganella zoogloeoides                                  | 1            |           |        |
| <b>Dyadobacter</b>                                      |              |           |        |
| Dyadobacter alkalitolerans                              | 1            |           |        |
| Dyadobacter arcticus                                    | 1            |           |        |
| Dyadobacter beijingensis                                | 1            |           |        |
| Dyadobacter crusticola                                  | 1            |           |        |
| Dyadobacter endophyticus                                | 1            |           | neu    |

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|--|--------------|-----------|--------|
| Dyadobacter fermentans                     | 1            |           |        |
| Dyadobacter ginsengisoli                   | 1            |           |        |
| Dyadobacter hamtensis                      | 1            |           |        |
| Dyadobacter jejuensis                      | 1            |           |        |
| Dyadobacter jiangsuensis                   | 1            |           | neu    |
| Dyadobacter koreensis                      | 1            |           |        |
| Dyadobacter psychrophilus                  | 1            |           |        |
| Dyadobacter sediminis                      | 1            |           | neu    |
| Dyadobacter soli                           | 1            |           |        |
| Dyadobacter tibetensis                     | 1            |           |        |
| <b>Dyella</b>                              |              |           |        |
| Dyella acidisoli                           | 1            |           | neu    |
| Dyella agri                                | 1            |           | neu    |
| Dyella caseinilytica                       | 1            |           | neu    |
| Dyella flagellata                          | 1            |           | neu    |
| Dyella flava                               | 1            |           | neu    |
| Dyella ginsengisoli                        | 1            |           |        |
| Dyella humi                                | 1            |           | neu    |
| Dyella japonica                            | 1            |           |        |
| Dyella jejuensis                           | 1            |           | neu    |
| Dyella jiangningensis                      | 1            |           |        |
| Dyella koreensis                           | 1            |           |        |
| Dyella kyungheensis                        | 1            |           |        |
| Dyella lipolytica                          | 1            |           | neu    |
| Dyella marensis                            | 1            |           |        |
| Dyella mobilis                             | 1            |           | neu    |
| Dyella nitratireducens                     | 1            |           | neu    |
| Dyella soli                                | 1            |           |        |
| Dyella terrae                              | 1            |           |        |
| Dyella thiooxydans                         | 1            |           |        |
| Dyella yeojuensis → Luteibacter yeojuensis |              |           |        |
| <b>Dysgonomonas</b>                        |              |           |        |
| Dysgonomonas alginatilytica                | 1            |           | neu    |
| Dysgonomonas capnocytophagoides            | 2            |           |        |
| Dysgonomonas gadei                         | 1            | +         |        |
| Dysgonomonas hofstadii                     | 1            | +         |        |
| Dysgonomonas macrotermitis                 | 1            |           | neu    |
| Dysgonomonas mossii                        | 1            | +         |        |
| Dysgonomonas oryzarvi                      | 1            |           |        |
| Dysgonomonas termitidis                    | 1            |           | neu    |
| <b>Echinicola</b>                          |              |           |        |
| Echinicola jeungdonensis                   | 1            |           |        |
| Echinicola pacifica                        | 1            |           |        |
| Echinicola rosea                           | 1            |           | neu    |
| Echinicola sediminis                       | 1            |           | neu    |
| Echinicola strongylocentroti               | 1            |           | neu    |



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|---|--------------|-----------|--------|
| <i>Echinicola vietnamensis</i>  | 1            |           |        |
| <b>Echinimonas</b>  |              |           |        |
| <i>Echinimonas agarilytica</i>  | 1            |           |        |
| <b>Ectothiorhodosinus</b>   |              |           |        |
| <i>Ectothiorhodosinus mongolicus</i>  | 1            |           |        |
| <b>Ectothiorhodospira</b>   |              |           |        |
| <i>Ectothiorhodospira abdelmalekii</i> → <i>Halorhodospira abdelmalekii</i>             |              |           |        |
| <i>Ectothiorhodospira haloalkaliphila</i>   | 1            |           |        |
| <i>Ectothiorhodospira halochloris</i> → <i>Halorhodospira halochloris</i>               |              |           |        |
| <i>Ectothiorhodospira halophila</i> → <i>Halorhodospira halophila</i>                   |              |           |        |
| <i>Ectothiorhodospira magna</i>   | 1            |           |        |
| <i>Ectothiorhodospira marina</i>  | 1            |           |        |
| <i>Ectothiorhodospira marismortui</i> – synonym: <i>Ectothiorhodospira mobilis</i>      |              |           |        |
| <i>Ectothiorhodospira mobilis</i>   | 1            |           |        |
| <i>Ectothiorhodospira salini</i>  | 1            |           |        |
| <i>Ectothiorhodospira shaposhnikovii</i>  | 1            |           |        |
| <i>Ectothiorhodospira vacuolata</i> – synonym: <i>Ectothiorhodospira shaposhnikovii</i> |              |           |        |
| <i>Ectothiorhodospira variabilis</i>  | 1            |           |        |
| <b>Edaphobacter</b>   |              |           |        |
| <i>Edaphobacter acidisoli</i>   | 1            |           | neu    |
| <i>Edaphobacter aggregans</i>   | 1            |           |        |
| <i>Edaphobacter dinghuensis</i>   | 1            |           | neu    |
| <i>Edaphobacter modestus</i>  | 1            |           |        |
| <b>Edaphobaculum</b>  |              |           |        |
| <i>Edaphobaculum flavum</i>   | 1            |           | neu    |
| <b>Edwardsiella</b>   |              |           |        |
| <i>Edwardsiella anguillarum</i>   | 1            | t2        | neu    |
| <i>Edwardsiella anguillimortifera</i> – synonym: <i>Edwardsiella tarda</i>              |              |           |        |
| <i>Edwardsiella hoshinae</i>  | 1            | +         |        |
| <i>Edwardsiella ictaluri</i>  | 2            | ht        |        |
| <i>Edwardsiella piscicida</i>   | 2            | t         |        |
| <i>Edwardsiella tarda</i>   | 2            | ht        |        |
| <b>Effluviibacter</b> → <b>Pontibacter</b>  |              |           |        |
| <i>Effluviibacter roseus</i> → <i>Pontibacter roseus</i>                                |              |           |        |
| <b>Effusibacillus</b>   |              |           |        |
| <i>Effusibacillus consociatus</i> ( <i>Alicyclobacillus consociatus</i> )               | 1            |           | Umb.   |
| <i>Effusibacillus lacus</i>   | 1            |           | neu    |
| <i>Effusibacillus pohliae</i> ( <i>Alicyclobacillus pohliae</i> )                       | 1            |           | Umb.   |
| <b>Eggerthella</b>  |              |           |        |
| <i>Eggerthella lenta</i> ( <i>Eubacterium lentum</i> )                                  | 2            | ht        |        |
| <i>Eggerthella sinensis</i>   | 1            | +         |        |
| <b>Eggerthia</b>  |              |           |        |

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|---|--------------|-----------|--------------|
| Eggerthia catenaformis (Lactobacillus catenaformis)   | 1            | +         |              |
| <b>Egibacter</b>  |              |           |              |
| Egibacter rhizosphaerae   | 1            |           | neu          |
| <b>Egicoccus</b>  |              |           |              |
| Egicoccus halophilus  | 1            |           | neu          |
| <b>Ehrlichia</b>  |              |           |              |
| Ehrlichia canis   | 2            | Z         |              |
| Ehrlichia chaffeensis   | 2            | Z         |              |
| Ehrlichia equi – synonym: Ehrlichia phagocytophila → Anaplasma phagocytophilum                    |              |           |              |
| Ehrlichia ewingii   | 2            | Z         |              |
| Ehrlichia minasensis  | 2            | t         | neu          |
| Ehrlichia muris subsp. eauclairensis  | 2            | Z         | neu          |
| Ehrlichia muris subsp. muris (Ehrlichia muris)  | 2            | Z         | Umb., Bem.   |
| Ehrlichia phagocytophila → Anaplasma phagocytophilum  |              |           |              |
| Ehrlichia risticii → Neorickettsia risticii   |              |           |              |
| Ehrlichia ruminantium (Cowdria ruminantium)   | 2            | Z         |              |
| Ehrlichia sennetsu → Neorickettsia sennetsu   |              |           |              |
| <b>Eikenella</b>  |              |           |              |
| Eikenella corrodens   | 2            |           |              |
| <b>Eilatimonas</b>  |              |           |              |
| Eilatimonas milleporae  | 1            | n         |              |
| <b>Eionea</b>   |              |           |              |
| Eionea flava  | 1            |           | neu          |
| Eionea nigra  | 1            |           |              |
| <b>Eisenbergiella</b>   |              |           |              |
| Eisenbergiella tayi   | 1            | +         |              |
| <b>Eisenibacter</b>   |              |           |              |
| Eisenibacter elegans (Flexibacter elegans)  | 1            |           | Umb.         |
| <b>Ekhidna</b>  |              |           |              |
| Ekhidna lutea   | 1            |           |              |
| <b>Elioraea</b>   |              |           |              |
| Elioraea tepidiphila  | 1            |           |              |
| <b>Elizabethkingia</b>  |              |           |              |
| Elizabethkingia anophelis   | 2            |           | Einst.       |
| Elizabethkingia endophytica – synonym: Elizabethkingia anophelis                                  |              |           | Umb.         |
| Elizabethkingia meningoseptica (Flavobacterium meningosepticum, Chryseobacterium meningosepticum) | 2            | ht        |              |
| Elizabethkingia miricola (Chryseobacterium miricola)  | 2            | ht        | Einst., Bem. |
| <b>Elstera</b>  |              |           |              |
| Elstera cyanobacteriorum  | 1            |           | neu          |
| Elstera litoralis   | 1            |           |              |
| <b>Elusimicrobium</b>   |              |           |              |
| Elusimicrobium minutum  | 1            |           |              |

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|--|--------------|-----------|--------|
| <b>Elytrosporangium → Streptomyces</b>                   |              |           |        |
| Elytrosporangium brasiliense → Streptomyces brasiliensis |              |           |        |
| Elytrosporangium carpinense → Streptomyces carpinensis   |              |           |        |
| Elytrosporangium spirale → Streptomyces spiralis         |              |           |        |
| <b>Emcibacter</b>  |              |           |        |
| Emcibacter nanhaiensis                                   | 1            |           | neu    |
| <b>Empedobacter</b>                                      |              |           |        |
| Empedobacter brevis (Flavobacterium breve)               | 2            | ht        |        |
| Empedobacter falsenii (Wautersiella falsenii)            | 2            |           | Umb.   |
| Empedobacter stercoris                                   | 1            |           | neu    |
| <b>Emticicia</b>   |              |           |        |
| Emticicia aquatica                                       | 1            |           | neu    |
| Emticicia aquatilis                                      | 1            |           | neu    |
| Emticicia fontis   | 1            |           | neu    |
| Emticicia ginsengisoli                                   | 1            |           |        |
| Emticicia oligotrophica                                  | 1            |           |        |
| Emticicia paludis  | 1            |           | neu    |
| Emticicia sediminis                                      | 1            |           | neu    |
| Emticicia soli   | 1            |           | neu    |
| <b>Endobacter</b>  |              |           |        |
| Endobacter medicaginis                                   | 1            |           |        |
| <b>Endothiovibrio</b>                                    |              |           |        |
| Endothiovibrio diazotrophicus                            | 1            |           | neu    |
| <b>Endozoicomonas</b>                                    |              |           |        |
| Endozoicomonas acroporae                                 | 1            |           | neu    |
| Endozoicomonas arenosclerae                              | 1            |           | neu    |
| Endozoicomonas ascidiicola                               | 1            |           | neu    |
| Endozoicomonas atrinae                                   | 1            |           | neu    |
| Endozoicomonas elysicola                                 | 1            |           |        |
| Endozoicomonas euniceicola                               | 1            |           |        |
| Endozoicomonas gorgoniicola                              | 1            |           |        |
| Endozoicomonas montiporae                                | 1            |           |        |
| Endozoicomonas numazuensis                               | 1            |           |        |
| <b>Enhydrobacter</b>                                     |              |           |        |
| Enhydrobacter aerosaccus                                 | 1            |           |        |
| <b>Enhygromyxa</b>                                       |              |           |        |
| Enhygromyxa salina                                       | 1            |           |        |
| <b>Enorma</b>  |              |           |        |
| Enorma massiliensis                                      | 1            |           | neu    |
| <b>Ensifer</b>   |              |           |        |
| Ensifer adhaerens  | 1            |           |        |
| Ensifer alkalisoli                                       | 1            |           | neu    |
| Ensifer americanus (Sinorhizobium americanum)            | 1            |           | Umb.   |
| Ensifer arboris (Sinorhizobium arboris)                  | 1            |           |        |

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|---|--------------|-----------|--------|
| Ensifer fredii (Rhizobium fredii, Sinorhizobium fredii)                               | 1            |           |        |
| Ensifer garamanticus  | 1            |           |        |
| Ensifer glycinis  | 1            |           | neu    |
| Ensifer kostiensis (Sinorhizobium kostiense)  | 1            |           |        |
| Ensifer kummerowiae (Sinorhizobium kummerowiae)                                       | 1            |           |        |
| Ensifer medicae (Sinorhizobium medicae)   | 1            |           |        |
| Ensifer meliloti (Rhizobium meliloti, Sinorhizobium meliloti)                         | 1            |           |        |
| Ensifer mexicanus   | 1            |           |        |
| Ensifer morelensis (Sinorhizobium morelense)  | 1            |           | Umb.   |
| Ensifer numidicus   | 1            |           |        |
| Ensifer psoraleae   | 1            |           | neu    |
| Ensifer saheli (Sinorhizobium saheli)   | 1            |           |        |
| Ensifer sesbaniae   | 1            |           | neu    |
| Ensifer shofinae  | 1            |           | neu    |
| Ensifer sojae   | 1            |           |        |
| Ensifer terangae (Sinorhizobium terangae)   | 1            |           |        |
| Ensifer xinjiangensis (Sinorhizobium xinjiangense)                                    | 1            |           |        |
| <b>Enteractinococcus</b>  |              |           |        |
| Enteractinococcus coprophilus   | 1            |           |        |
| Enteractinococcus fodinae (Yaniella fodinae)  | 1            |           |        |
| <b>Enterobacillus</b>   |              |           |        |
| Enterobacillus tribolii   | 1            |           | neu    |
| <b>Enterobacter</b>   |              |           |        |
| Enterobacter aerogenes = Klebsiella aerogenes (Klebsiella mobilis)                    | 2            | ht        | Umb.   |
| Enterobacter agglomerans → Pantoea agglomerans  |              |           |        |
| Enterobacter amnigenus → Lelliottia amnigena  |              |           |        |
| Enterobacter arachidis → Kosakonia arachidis  |              |           |        |
| Enterobacter asburiae   | 2            |           |        |
| Enterobacter bugandensis  | 2            |           | neu    |
| Enterobacter cancerogenus (Erwinia cancerogena)                                       | 2            |           |        |
| Enterobacter cloacae → Enterobacter cloacae subsp. cloacae                            |              |           |        |
| Enterobacter cloacae subsp. cloacae (Enterobacter cloacae)                            | 2            | ht        |        |
| Enterobacter cloacae subsp. dissolvens (Enterobacter dissolvens, Erwinia dissolvens)  | 1            | +, p      |        |
| Enterobacter cowanii → Kosakonia cowanii  |              |           |        |
| Enterobacter dissolvens (Erwinia dissolvens) → Enterobacter cloacae subsp. dissolvens |              |           |        |
| Enterobacter gergoviae → Pluralibacter gergoviae                                      |              |           |        |
| Enterobacter helveticus → Franconibacter helveticus                                   |              |           | Umb.   |
| Enterobacter hormaechei → Enterobacter hormaechei subsp. hormaechei                   |              |           | Umb.   |

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|---|--------------|-----------|--------|
| Enterobacter hormaechei subsp. hormaechei (Enterobacter hormaechei) | 2            | ht        | Umb.   |
| Enterobacter hormaechei subsp. oharae                               | 2            | ht        | neu    |
| Enterobacter hormaechei subsp. steigerwaltii                        | 2            | ht        | neu    |
| Enterobacter intermedius → Kluyvera intermedia                      |              |           |        |
| Enterobacter kobei  | 2            |           |        |
| Enterobacter ludwigii   | 2            |           |        |
| Enterobacter massiliensis → Metakosakonia massiliensis              |              |           | Umb.   |
| Enterobacter mori   | 1            | p2        |        |
| Enterobacter muelleri   | 1            |           | neu    |
| Enterobacter nimipressuralis → Lelliottia nimipressuralis           |              |           |        |
| Enterobacter oryzae → Kosakonia oryzae                              |              |           |        |
| Enterobacter oryzendophyticus → Kosakonia oryzendophytica           |              |           | Umb.   |
| Enterobacter oryziphilus → Kosakonia oryziphila                     |              |           | Umb.   |
| Enterobacter pulveris → Franconibacter pulveris                     |              |           | Umb.   |
| Enterobacter pyrinus → Pluralibacter pyrinus                        |              |           |        |
| Enterobacter radicincitans → Kosakonia radicincitans                |              |           |        |
| Enterobacter sacchari → Kosakonia sacchari                          |              |           | Umb.   |
| Enterobacter sakazakii → Cronobacter sakazakii                      |              |           |        |
| Enterobacter siamensis  | 1            |           | neu    |
| Enterobacter soli   | 1            |           |        |
| Enterobacter tabaci   | 1            |           | neu    |
| Enterobacter taylorae – synonym: Enterobacter cancerogenus          |              |           |        |
| Enterobacter turicensis → Siccibacter turicensis                    |              |           | Umb.   |
| Enterobacter xiangfangensis   | 1            |           | neu    |
| <b>Enterococcus</b>   |              |           |        |
| Enterococcus alcedinis  | 1            |           |        |
| Enterococcus aquimarinus  | 1            |           |        |
| Enterococcus asini  | 1            |           |        |
| Enterococcus avium  | 2            |           |        |
| Enterococcus bulliens   | 1            |           | neu    |
| Enterococcus caccae   | 1            |           |        |
| Enterococcus camelliae  | 1            |           |        |
| Enterococcus canintestini   | 1            |           |        |
| Enterococcus canis  | 1            | t+        |        |
| Enterococcus casseliflavus (Streptococcus casseliflavus)            | 2            |           |        |
| Enterococcus cecorum (Streptococcus cecorum)                        | 1            | +         |        |
| Enterococcus columbae   | 1            |           |        |
| Enterococcus crotali  | 1            |           | neu    |
| Enterococcus devriesei  | 1            |           |        |
| Enterococcus diestrammenae  | 1            |           |        |
| Enterococcus dispar   | 2            |           |        |
| Enterococcus durans (Streptococcus durans)                          | 2            | TA, ht    |        |

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|---|--------------|-----------|--------|
| <i>Enterococcus eurekaensis</i>   | 1            |           |        |
| <i>Enterococcus faecalis</i> ( <i>Streptococcus faecalis</i> )  | 2            | TA        | Bem.   |
| <i>Enterococcus faecium</i> ( <i>Streptococcus faecium</i> )  | 2            | TA        |        |
| <i>Enterococcus flavescens</i> – synonym: <i>Enterococcus casseliflavus</i>                               |              |           |        |
| <i>Enterococcus gallinarum</i> ( <i>Streptococcus gallinarum</i> )  | 2            | ht        |        |
| <i>Enterococcus gilvus</i>  | 1            | +         |        |
| <i>Enterococcus haemoperoxidus</i>  | 1            |           |        |
| <i>Enterococcus hermanniensis</i>   | 1            |           |        |
| <i>Enterococcus hirae</i>   | 2            | ht        |        |
| <i>Enterococcus italicus</i>  | 1            |           |        |
| <i>Enterococcus lactis</i>  | 1            |           |        |
| <i>Enterococcus lemanii</i>   | 1            |           |        |
| <i>Enterococcus malodoratus</i>   | 1            |           |        |
| <i>Enterococcus moraviensis</i>   | 1            |           |        |
| <i>Enterococcus mundtii</i>   | 1            | +         |        |
| <i>Enterococcus olivae</i>  | 1            |           | neu    |
| <i>Enterococcus pallens</i>   | 1            | +         |        |
| <i>Enterococcus phoeniculicola</i>  | 1            |           |        |
| <i>Enterococcus plantarum</i>   | 1            |           |        |
| <i>Enterococcus porcinus</i> – synonym: <i>Enterococcus villorum</i>                                      |              |           |        |
| <i>Enterococcus pseudoavium</i>   | 2            | t         |        |
| <i>Enterococcus quebecensis</i>   | 1            |           |        |
| <i>Enterococcus raffinosus</i>  | 2            |           |        |
| <i>Enterococcus ratti</i>   | 2            | t         |        |
| <i>Enterococcus rivorum</i>   | 1            |           |        |
| <i>Enterococcus rotai</i>   | 1            |           |        |
| <i>Enterococcus saccharolyticus</i> → <i>Enterococcus saccharolyticus</i> subsp. <i>saccharolyticus</i>   |              |           |        |
| <i>Enterococcus saccharolyticus</i> subsp. <i>saccharolyticus</i> ( <i>Enterococcus saccharolyticus</i> ) | 2            | t         |        |
| <i>Enterococcus saccharolyticus</i> subsp. <i>taiwanensis</i>   | 1            |           |        |
| <i>Enterococcus saccharominimus</i> – synonym: <i>Enterococcus italicus</i>                               |              |           |        |
| <i>Enterococcus saigonensis</i>   | 1            |           | neu    |
| <i>Enterococcus seriolicida</i> – synonym: <i>Lactococcus garvieae</i>                                    |              |           |        |
| <i>Enterococcus silesiacus</i>  | 1            |           |        |
| <i>Enterococcus solitarius</i> → <i>Tetragenococcus solitarius</i>  |              |           |        |
| <i>Enterococcus sulfureus</i>   | 1            |           |        |
| <i>Enterococcus termitis</i>  | 1            |           |        |
| <i>Enterococcus thailandicus</i>  | 1            |           |        |
| <i>Enterococcus ureasiticus</i>   | 1            |           |        |
| <i>Enterococcus ureilyticus</i>   | 1            |           |        |
| <i>Enterococcus viikkiensis</i>   | 1            |           |        |
| <i>Enterococcus villorum</i>  | 2            | t         |        |
| <i>Enterococcus wangshanyuanii</i>  | 1            |           | neu    |

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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| Enterococcus xiangfangensis  | 1            |           |        |
| <b>Enterorhabdus</b>   |              |           |        |
| Enterorhabdus caecimuris   | 1            | t+        | neu    |
| Enterorhabdus mucosicola   | 2            | t         |        |
| Enterorhabdus muris  | 1            |           | neu    |
| <b>Enterovibrio</b>  |              |           |        |
| Enterovibrio calviensis (Vibrio calviensis)                        | 1            |           |        |
| Enterovibrio corallii  | 1            | n         |        |
| Enterovibrio nigricans   | 1            | t+        |        |
| Enterovibrio norvegicus  | 1            |           |        |
| Enterovibrio pacificus   | 1            |           | neu    |
| <b>Enterovirga</b>   |              |           |        |
| Enterovirga rhinocerotis   | 1            |           | neu    |
| <b>Entomoplasma</b>  |              |           |        |
| Entomoplasma ellychniae (Mycoplasma ellychniae)                    | 1            |           |        |
| Entomoplasma freundtii   | 1            |           |        |
| Entomoplasma lucivorax (Mycoplasma lucivorax)                      | 1            |           |        |
| Entomoplasma luminosum (Mycoplasma luminosum)                      | 1            |           |        |
| Entomoplasma melaleucaae (Mycoplasma melaleucaae)                  | 1            |           |        |
| Entomoplasma somnilux (Mycoplasma somnilux)                        | 1            |           |        |
| <b>Etovoesia</b>   |              |           |        |
| Etovoesia caeni  | 1            |           |        |
| <b>Eperythroozoon</b>  |              |           |        |
| Eperythroozoon coccoides   | 2            | t         |        |
| Eperythroozoon ovis → Mycoplasma ovis                              |              |           |        |
| Eperythroozoon parvum  | 2            | t         |        |
| Eperythroozoon suis → Mycoplasma suis                              |              |           |        |
| Eperythroozoon wenyonii → Mycoplasma wenyonii                      |              |           |        |
| <b>Epibacterium</b>  |              |           |        |
| Epibacterium ulvae   | 1            |           |        |
| <b>Epilithonimonas</b>   |              |           |        |
| Epilithonimonas ginsengisoli → Chryseobacterium ginsengiterrae     |              |           | Umb.   |
| Epilithonimonas lactis → Chryseobacterium halperniae               |              |           | Umb.   |
| Epilithonimonas psychrotolerans → Chryseobacterium psychrotolerans |              |           | Umb.   |
| Epilithonimonas tenax → Chryseobacterium tenax                     |              |           | Umb.   |
| Epilithonimonas xixisoli → Chryseobacterium xixisoli               |              |           | Umb.   |
| <b>Ercella</b>   |              |           |        |
| Ercella succinigenes   | 1            |           | neu    |
| <b>Eremococcus</b>   |              |           |        |
| Eremococcus coleocola  | 1            |           |        |
| <b>Erwinia</b>   |              |           |        |

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|---|--------------|-----------|--------|
| <i>Erwinia alni</i> → <i>Brenneria alni</i>   |              |           |        |
| <i>Erwinia amylovora</i>  | 1            | p2        |        |
| <i>Erwinia ananas</i> → <i>Pantoea ananatis</i>   | 1            | p         |        |
| <i>Erwinia aphidicola</i>   | 1            | n         |        |
| <i>Erwinia billingiae</i>   | 1            | p         |        |
| <i>Erwinia cacticida</i> → <i>Pectobacterium cacticida</i>  |              |           |        |
| <i>Erwinia cancerogena</i> → <i>Enterobacter cancerogenus</i>   |              |           |        |
| <i>Erwinia carnegieana</i>  | 1            |           |        |
| <i>Erwinia carotovora</i> subsp. <i>atroseptica</i> → <i>Pectobacterium carotovorum</i> subsp. <i>atrosepticum</i>      |              |           |        |
| <i>Erwinia carotovora</i> subsp. <i>betavasculorum</i> → <i>Pectobacterium carotovorum</i> subsp. <i>betavasculorum</i> |              |           |        |
| <i>Erwinia carotovora</i> subsp. <i>carotovora</i> → <i>Pectobacterium carotovorum</i> subsp. <i>carotovorum</i>        |              |           |        |
| <i>Erwinia carotovora</i> subsp. <i>odorifera</i> → <i>Pectobacterium carotovorum</i> subsp. <i>odoriferum</i>          |              |           |        |
| <i>Erwinia carotovora</i> subsp. <i>wasabiae</i> → <i>Pectobacterium carotovorum</i> subsp. <i>wasabiae</i>             |              |           |        |
| <i>Erwinia chrysanthemi</i> → <i>Dickeya chrysanthemi</i>   |              |           |        |
| <i>Erwinia cyripedii</i> = <i>Pectobacterium cyripedii</i> → <i>Pantoea cyripedii</i>                                   |              |           |        |
| <i>Erwinia dissolvens</i> → <i>Enterobacter cloacae</i> subsp. <i>dissolvens</i>  |              |           |        |
| <i>Erwinia endophytica</i>  | 1            |           | neu    |
| <i>Erwinia gerundensis</i>  | 1            |           | neu    |
| <i>Erwinia herbicola</i> – synonym: <i>Pantoea agglomerans</i>  |              |           |        |
| <i>Erwinia iniecta</i>  | 1            | n         | neu    |
| <i>Erwinia mallotivora</i>  | 1            | p         |        |
| <i>Erwinia milletiae</i> – synonym: <i>Pantoea agglomerans</i>  |              |           |        |
| <i>Erwinia nigrifluens</i> → <i>Brenneria nigrifluens</i>   |              |           |        |
| <i>Erwinia nimipressuralis</i> → <i>Enterobacter nimipressuralis</i>  |              |           |        |
| <i>Erwinia oleae</i>  | 1            |           |        |
| <i>Erwinia papayae</i>  | 1            | p         |        |
| <i>Erwinia paradisiaca</i> → <i>Dickeya paradisiaca</i>   |              |           |        |
| <i>Erwinia persicina</i>  | 1            | p         |        |
| <i>Erwinia piriflorinigra</i>   | 1            | p         |        |
| <i>Erwinia psidii</i>   | 1            | p         |        |
| <i>Erwinia pyrifoliae</i>   | 1            | p         |        |
| <i>Erwinia quercina</i> → <i>Lonsdalea quercina</i>   |              |           | Umb.   |
| <i>Erwinia rhapontici</i>   | 1            | p         |        |
| <i>Erwinia rubrifaciens</i> → <i>Brenneria rubrifaciens</i>   |              |           |        |
| <i>Erwinia salicis</i> → <i>Brenneria salicis</i>   |              |           |        |
| <i>Erwinia stewartii</i> → <i>Pantoea stewartii</i> subsp. <i>stewartii</i>   |              |           |        |
| <i>Erwinia tasmaniensis</i>   | 1            |           |        |
| <i>Erwinia teleogrylli</i>  | 1            |           | neu    |



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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| <i>Erwinia toletana</i>   | 1            |           |        |
| <i>Erwinia tracheiphila</i>   | 1            | p         |        |
| <i>Erwinia typographi</i>   | 1            |           |        |
| <i>Erwinia uredovora</i> – synonym: <i>Pantoea ananatis</i>                         |              |           |        |
| <i>Erwinia uezensis</i>   | 1            | p2        |        |
| <b>Erysipelothrix</b>   |              |           |        |
| <i>Erysipelothrix inopinata</i>   | 1            |           |        |
| <i>Erysipelothrix rhusiopathiae</i> („ <i>Erysipelothrix insidiosa</i> “)           | 2            | Z         |        |
| <i>Erysipelothrix tonsillarum</i>   | 2            | t         |        |
| <b>Erythrobacter</b>  |              |           |        |
| <i>Erythrobacter aquimaris</i>  | 1            |           |        |
| <i>Erythrobacter aquimixticola</i>  | 1            |           | neu    |
| <i>Erythrobacter arachoides</i>   | 1            |           | neu    |
| <i>Erythrobacter atlanticus</i>   | 1            |           | neu    |
| <i>Erythrobacter citreus</i>  | 1            |           |        |
| <i>Erythrobacter flavus</i>   | 1            |           |        |
| <i>Erythrobacter gaetbuli</i>   | 1            |           |        |
| <i>Erythrobacter gangjinensis</i>   | 1            |           |        |
| <i>Erythrobacter jejuensis</i>  | 1            |           |        |
| <i>Erythrobacter litoralis</i>  | 1            |           |        |
| <i>Erythrobacter longus</i>   | 1            |           |        |
| <i>Erythrobacter luteolus</i> → <i>Altererythrobacter luteolus</i>                  |              |           |        |
| <i>Erythrobacter luteus</i>   | 1            |           | neu    |
| <i>Erythrobacter lutimaris</i>  | 1            |           | neu    |
| <i>Erythrobacter marinus</i>  | 1            |           |        |
| <i>Erythrobacter nanhaisediminis</i>  | 1            |           |        |
| <i>Erythrobacter odishensis</i>   | 1            |           |        |
| <i>Erythrobacter pelagi</i>   | 1            |           |        |
| <i>Erythrobacter seohaensis</i>   | 1            |           |        |
| <i>Erythrobacter vulgaris</i>   | 1            |           |        |
| <i>Erythrobacter xanthus</i>  | 1            |           | neu    |
| <b>Erythromicrobium</b>   |              |           |        |
| <i>Erythromicrobium ramosum</i>   | 1            |           |        |
| <b>Erythromonas</b> → <b>Blastomonas</b>  |              |           |        |
| <i>Erythromonas ursincola</i> → <i>Blastomonas ursincola</i>                        |              |           |        |
| <b>Escherichia</b>  |              |           |        |
| <i>Escherichia adecarboxylata</i> → <i>Leclercia adecarboxylata</i>                 |              |           |        |
| <i>Escherichia albertii</i>   | 2            | ht        |        |
| <i>Escherichia blattae</i> → <i>Shimwellia blattae</i>                              |              |           |        |
| <i>Escherichia coli</i> (andere Stämme)   | 2            | TA, ht    |        |
| <i>Escherichia coli</i> (enterohämorrhagische (EHEC) Stämme z.B. O157:H7 oder O103) | 3(**)        | T, Z      |        |
| <i>Escherichia fergusonii</i>   | 2            | ht        |        |
| <i>Escherichia hermannii</i>  | 2            |           |        |

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|---|--------------|-----------|--------------|
| <i>Escherichia marmotae</i>   | 1            |           | neu          |
| <i>Escherichia vulneris</i> → <i>Pseudoescherichia vulneris</i>                             |              |           | Umb.         |
| <b>Ethanoligenens</b>   |              |           |              |
| <i>Ethanoligenens harbinense</i>  | 1            |           |              |
| <b>Eubacterium</b>  |              |           |              |
| <i>Eubacterium acidaminophilum</i> → <i>Peptoclostridium acidaminophilum</i>                |              |           | Umb.         |
| <i>Eubacterium aerofaciens</i> → <i>Collinsella aerofaciens</i>                             |              |           |              |
| <i>Eubacterium aggregans</i>  | 1            |           |              |
| <i>Eubacterium alactolyticum</i> → <i>Pseudoramibacter alactolyticus</i>                    |              |           |              |
| <i>Eubacterium angustum</i> → <i>Andreesenia angusta</i>                                    |              |           | Umb.         |
| <i>Eubacterium barkeri</i> ( <i>Clostridium barkeri</i> )                                   | 1            |           |              |
| <i>Eubacterium bifforme</i> → <i>Holdemanella biformis</i>                                  |              |           | Umb.         |
| <i>Eubacterium brachy</i>   | 2            |           |              |
| <i>Eubacterium budayi</i>   | 1            |           |              |
| <i>Eubacterium callanderi</i>   | 1            |           |              |
| <i>Eubacterium cellulosolvens</i>   | 1            |           |              |
| <i>Eubacterium combesii</i>   | 2            |           |              |
| <i>Eubacterium contortum</i> → <i>Faecalicatena contorta</i>                                |              |           | Umb.         |
| <i>Eubacterium coprostanoligenes</i>  | 1            |           |              |
| <i>Eubacterium cylindroides</i> → <i>Faecalitalea cylindroides</i>                          |              |           | Umb.         |
| <i>Eubacterium desmolans</i> → <i>Butyricoccus desmolans</i>                                |              |           | Umb.         |
| <i>Eubacterium dolichum</i>   | 1            |           |              |
| <i>Eubacterium eligens</i>  | 1            |           |              |
| <i>Eubacterium exiguum</i> → <i>Slackia exigua</i>  |              |           |              |
| <i>Eubacterium fissicatena</i> → <i>Faecalicatena fissicatena</i>                           |              |           | Umb.         |
| <i>Eubacterium formicigenerans</i> → <i>Dorea formicigenerans</i>                           |              |           |              |
| <i>Eubacterium fossor</i> → <i>Atopobium fossor</i>   |              |           |              |
| <i>Eubacterium hadrum</i> → <i>Anaerostipes hadrus</i>                                      |              |           | Umb.         |
| <i>Eubacterium hallii</i>   | 1            |           |              |
| <i>Eubacterium infirmum</i>   | 2            |           |              |
| <i>Eubacterium lentum</i> → <i>Eggerthella lenta</i>  |              |           |              |
| <i>Eubacterium limosum</i>  | 1            | +         | Einst., Bem. |
| <i>Eubacterium minutum</i>  | 2            |           |              |
| <i>Eubacterium moniliforme</i> → <i>Clostridium moniliforme</i>                             |              |           | Umb.         |
| <i>Eubacterium multiforme</i>   | 1            | +         |              |
| <i>Eubacterium nitritogenes</i>   | 2            |           |              |
| <i>Eubacterium nodatum</i>  | 2            |           |              |
| <i>Eubacterium oxidoreducens</i>  | 1            |           |              |
| <i>Eubacterium plautii</i> ( <i>Fusobacterium plautii</i> ) → <i>Flavonifractor plautii</i> |              |           |              |
| <i>Eubacterium plexicaudatum</i>  | 1            |           |              |
| <i>Eubacterium pyruvativorans</i>   | 1            |           |              |

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|--|--------------|-----------|--------|
| Eubacterium ramulus                                    | 1            |           |        |
| Eubacterium rectale → Agathobacter rectalis            |              |           | Umb.   |
| Eubacterium ruminantium                                | 1            |           |        |
| Eubacterium saburreum → Lachnoanaerobaculum saburreum  |              |           |        |
| Eubacterium saphenum                                   | 2            |           |        |
| Eubacterium siraeum                                    | 1            |           |        |
| Eubacterium suis → Actinobaculum suis                  |              |           |        |
| Eubacterium sulci (Fusobacterium sulci)                | 2            |           |        |
| Eubacterium tarantellae → Clostridium tarantellae      |              |           | Umb.   |
| Eubacterium tardum – synonym: Eubacterium minutum      |              |           |        |
| Eubacterium tenue                                      | 2            |           |        |
| Eubacterium timidum → Mogibacterium timidum            |              |           |        |
| Eubacterium tortuosum                                  | 2            | ht        |        |
| Eubacterium uniforme                                   | 1            |           |        |
| Eubacterium ventriosum                                 | 2            |           |        |
| Eubacterium xylanophilum                               | 1            |           |        |
| Eubacterium yurii subsp. margaretiae                   | 2            |           |        |
| Eubacterium yurii subsp. schtitka                      | 2            |           |        |
| Eubacterium yurii subsp. yurii                         | 2            |           |        |
| <b>Eudoraea</b>  |              |           |        |
| Eudoraea adriatica                                     | 1            |           |        |
| <b>Euzebya</b>   |              |           |        |
| Euzebya tangerina                                      | 1            |           |        |
| <b>Euzebyella</b>                                      |              |           |        |
| Euzebyella marina                                      | 1            |           | neu    |
| Euzebyella saccharophila                               | 1            |           |        |
| <b>Ewingella</b>                                       |              |           |        |
| Ewingella americana                                    | 2            |           |        |
| <b>Excellospora → Actinomadura</b>                     |              |           |        |
| Excellospora rubrobrunea → Actinomadura rubrobrunea    |              |           |        |
| Excellospora viridilutea → Actinomadura viridilutea    |              |           |        |
| <b>Exiguobacterium</b>                                 |              |           |        |
| Exiguobacterium acetylicum (Brevibacterium acetylicum) | 1            |           |        |
| Exiguobacterium aestuarii                              | 1            |           |        |
| Exiguobacterium alkaliphilum                           | 1            |           |        |
| Exiguobacterium antarcticum                            | 1            |           |        |
| Exiguobacterium aquaticum                              | 1            |           |        |
| Exiguobacterium artemiae                               | 1            |           |        |
| Exiguobacterium aurantiacum                            | 1            |           |        |
| Exiguobacterium enclense                               | 1            |           | neu    |
| Exiguobacterium indicum                                | 1            |           |        |
| Exiguobacterium marinum                                | 1            |           |        |
| Exiguobacterium mexicanum                              | 1            |           |        |

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|--|--------------|-----------|--------|
| <i>Exiguobacterium oxidotolerans</i>                                     | 1            |           |        |
| <i>Exiguobacterium profundum</i>   | 1            |           |        |
| <i>Exiguobacterium sibiricum</i>   | 1            |           |        |
| <i>Exiguobacterium soli</i>  | 1            |           |        |
| <i>Exiguobacterium undae</i>   | 1            |           |        |
| <b>Exilispira</b>  |              |           |        |
| <i>Exilispira thermophila</i>  | 1            |           |        |
| <b>Extensimonas</b>  |              |           |        |
| <i>Extensimonas vulgaris</i>   | 1            |           |        |
| <b>Extibacter</b>  |              |           |        |
| <i>Extibacter muris</i>  | 1            |           | neu    |
| <b>Ezakiella</b>   |              |           |        |
| <i>Ezakiella peruensis</i>   | 1            |           | neu    |
| <b>Fabibacter</b>  |              |           |        |
| <i>Fabibacter halotolerans</i>   | 1            |           |        |
| <i>Fabibacter misakiensis</i>  | 1            |           | neu    |
| <i>Fabibacter pacificus</i>  | 1            |           |        |
| <b>Fabivirga</b>   |              |           |        |
| <i>Fabivirga thermotolerans</i>  | 1            |           | neu    |
| <b>Facklamia</b>   |              |           |        |
| <i>Facklamia hominis</i>   | 2            |           |        |
| <i>Facklamia ignava</i>  | 2            |           |        |
| <i>Facklamia languida</i>  | 2            |           |        |
| <i>Facklamia miroungae</i>   | 1            |           | neu    |
| <i>Facklamia sourekii</i>  | 1            | +         |        |
| <i>Facklamia tabacinasalis</i>   | 1            |           |        |
| <b>Faecalibacterium</b>  |              |           |        |
| <i>Faecalibacterium prausnitzii</i> ( <i>Fusobacterium prausnitzii</i> ) | 1            |           | Einst. |
| <b>Faecalibaculum</b>  |              |           |        |
| <i>Faecalibaculum rodentium</i>  | 1            |           | neu    |
| <b>Faecalicatena</b>   |              |           |        |
| <i>Faecalicatena contorta</i> ( <i>Eubacterium contortum</i> )           | 2            |           | Umb.   |
| <i>Faecalicatena fissicatena</i> ( <i>Eubacterium fissicatena</i> )      | 1            |           | Umb.   |
| <i>Faecalicatena orotica</i> ( <i>Clostridium oroticum</i> )             | 2            |           | Umb.   |
| <b>Faecalicoccus</b>   |              |           |        |
| <i>Faecalicoccus acidiformans</i>  | 1            |           | neu    |
| <i>Faecalicoccus pleomorphus</i> ( <i>Streptococcus pleomorphus</i> )    | 1            |           | Umb.   |
| <b>Faecalimonas</b>  |              |           |        |
| <i>Faecalimonas umbilicata</i>   | 1            |           | neu    |
| <b>Faecalitalea</b>  |              |           |        |
| <i>Faecalitalea cylindroides</i> ( <i>Eubacterium cylindroides</i> )     | 1            |           | Umb.   |
| <b>Faenia → Saccharopolyspora</b>  |              |           |        |
| <i>Faenia rectivirgula</i> → <i>Saccharopolyspora rectivirgula</i>       |              |           |        |

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|--|--------------|-----------|--------|
| <b>Falcatimonas</b>                                    |              |           |        |
| Falcatimonas natans                                    | 1            |           | neu    |
| <b>Falcivibrio</b>                                     |              |           |        |
| Falcivibrio grandis                                    | 2            |           |        |
| Falcivibrio vaginalis                                  | 2            |           |        |
| <b>Falsibacillus</b>                                   |              |           |        |
| Falsibacillus pallidus                                 | 1            |           |        |
| <b>Falsiporphyromonas</b>                              |              |           |        |
| Falsiporphyromonas endometrii                          | 1            | t+        |        |
| <b>Falsirhodobacter</b>                                |              |           |        |
| Falsirhodobacter deserti                               | 1            |           | neu    |
| Falsirhodobacter halotolerans                          | 1            |           |        |
| <b>Falsochrobactrum</b>                                |              |           |        |
| Falsochrobactrum ovis                                  | 1            |           |        |
| <b>Fangia</b>  |              |           |        |
| Fangia hongkongensis                                   | 1            |           |        |
| <b>Fastidiosibacter</b>                                |              |           |        |
| Fastidiosibacter lacustris                             | 1            |           | neu    |
| <b>Fastidiosipila</b>                                  |              |           |        |
| Fastidiosipila sanguinis                               | 1            | +         | Einst. |
| <b>Fermentibacillus</b>                                |              |           |        |
| Fermentibacillus polygoni                              | 1            |           | neu    |
| <b>Fermentimonas</b>                                   |              |           |        |
| Fermentimonas caenicola                                | 1            |           | neu    |
| <b>Ferribacterium</b>                                  |              |           |        |
| Ferribacterium limneticum                              | 1            |           |        |
| <b>Ferrimicrobium</b>                                  |              |           |        |
| Ferrimicrobium acidiphilum                             | 1            |           |        |
| <b>Ferrimonas</b>                                      |              |           |        |
| Ferrimonas balearica                                   | 1            |           |        |
| Ferrimonas futtsuensis                                 | 1            |           |        |
| Ferrimonas gelatinilytica                              | 1            |           |        |
| Ferrimonas kyonanensis                                 | 1            |           |        |
| Ferrimonas marina                                      | 1            |           |        |
| Ferrimonas pelagia                                     | 1            |           |        |
| Ferrimonas sediminum                                   | 1            |           |        |
| Ferrimonas senticii                                    | 1            |           |        |
| <b>Ferriphaselus</b>                                   |              |           |        |
| Ferriphaselus amnicola                                 | 1            |           |        |
| <b>Ferrithrix</b>                                      |              |           |        |
| Ferrithrix thermotolerans                              | 1            |           |        |
| <b>Ferroglobus</b>                                     |              |           |        |
| Ferroglobus placidus                                   | 1            |           |        |
| <b>Ferroplasma</b>                                     |              |           |        |
| Ferroplasma acidiphilum                                | 1            |           |        |
| Ferroplasma cupricumulans → Acidiplasma cupri-cumulans |              |           |        |

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|---|--------------|-----------|--------|
| <b>Ferrovibrio</b>  |              |           |        |
| Ferrovibrio denitrificans   | 1            |           |        |
| Ferrovibrio soli  | 1            |           | neu    |
| Ferrovibrio xuzhouensis   | 1            |           | neu    |
| <b>Ferruginibacter</b>  |              |           |        |
| Ferruginibacter alkalilentus  | 1            |           |        |
| Ferruginibacter lapsinans   | 1            |           |        |
| Ferruginibacter paludis   | 1            |           | neu    |
| Ferruginibacter yonginensis   | 1            |           |        |
| <b>Fervidicella</b>   |              |           |        |
| Fervidicella metallireducens  | 1            |           |        |
| <b>Fervidicoccus</b>  |              |           |        |
| <i>Fervidicoccus fontis</i>   | 1            |           |        |
| <b>Fervidicola</b>  |              |           |        |
| Fervidicola ferrireducens   | 1            |           |        |
| <b>Fervidobacterium</b>   |              |           |        |
| Fervidobacterium changbaicum  | 1            |           |        |
| Fervidobacterium gondwanense  | 1            |           |        |
| Fervidobacterium islandicum   | 1            |           |        |
| Fervidobacterium nodosum  | 1            |           |        |
| Fervidobacterium pennivorans  | 1            |           |        |
| Fervidobacterium riparium   | 1            |           |        |
| Fervidobacterium thailandense   | 1            |           | neu    |
| <b>Fibrella</b>   |              |           |        |
| Fibrella aestuarina   | 1            |           |        |
| <b>Fibrisoma</b>  |              |           |        |
| Fibrisoma limi  | 1            |           |        |
| <b>Fibrobacter</b>  |              |           |        |
| Fibrobacter intestinalis  | 1            |           |        |
| Fibrobacter succinogenes subsp. elongatus                               | 1            |           |        |
| Fibrobacter succinogenes subsp. succinogenes (Bacteroides succinogenes) | 1            |           |        |
| <b>Fictibacillus</b>  |              |           |        |
| Fictibacillus aquaticus   | 1            |           | neu    |
| Fictibacillus arsenicus (Bacillus arsenicus)                            | 1            |           |        |
| Fictibacillus barbaricus (Bacillus barbaricus)                          | 1            |           |        |
| Fictibacillus enclensis   | 1            |           |        |
| Fictibacillus gelatini (Bacillus gelatini)                              | 1            |           |        |
| Fictibacillus halophilus  | 1            |           | neu    |
| Fictibacillus macauensis (Bacillus macauensis)                          | 1            |           |        |
| Fictibacillus nonhaiensis (Bacillus nonhaiensis)                        | 1            |           |        |
| Fictibacillus phosphorivorans   | 1            |           |        |
| Fictibacillus rigui (Bacillus rigui)                                    | 1            |           |        |
| Fictibacillus solisalsi (Bacillus solisalsi)                            | 1            |           |        |
| <b>Filibacter</b>   |              |           |        |
| Filibacter limicola   | 1            |           |        |
| <b>Filifactor</b>   |              |           |        |

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|--|--------------|-----------|--------|
| Filifactor alocis (Fusobacterium alocis)                         | 2            |           |        |
| Filifactor villosus (Clostridium villosum)                       | 1            |           |        |
| <b>Filimonas</b>   |              |           |        |
| Filimonas aquilariae   | 1            |           | neu    |
| Filimonas aurantiibacter   | 1            |           | neu    |
| Filimonas endophytica  | 1            |           | neu    |
| Filimonas lacunae  | 1            |           |        |
| Filimonas zeae   | 1            |           | neu    |
| <b>Filobacillus</b>  |              |           |        |
| Filobacillus milosensis  | 1            |           |        |
| <b>Filobacterium</b>   |              |           |        |
| Filobacterium rodentium  | 2            | t         | neu    |
| <b>Filomicrobium</b>   |              |           |        |
| Filomicrobium fusiforme  | 1            |           |        |
| Filomicrobium insigne  | 1            |           |        |
| <b>Fimbrioglobus</b>   |              |           |        |
| Fimbrioglobus ruber  | 1            |           | neu    |
| <b>Fimbriimonas</b>  |              |           |        |
| Fimbriimonas ginsengisoli  | 1            |           |        |
| <b>Finegoldia</b>  |              |           |        |
| Finegoldia magna (Peptococcus magnus, Peptostreptococcus magnus) | 2            |           |        |
| <b>Flagellimonas</b>   |              |           |        |
| Flagellimonas eckloniae  | 1            |           |        |
| <b>Flammeovirga</b>  |              |           |        |
| Flammeovirga aprica (Cytophaga aprica)                           | 1            |           |        |
| Flammeovirga arenaria  | 1            |           |        |
| Flammeovirga kamogawensis  | 1            |           |        |
| Flammeovirga pacifica  | 1            |           |        |
| Flammeovirga yaeyamensis   | 1            |           |        |
| <b>Flaviaesturariibacter</b>                                     |              |           |        |
| Flaviaesturariibacter amylovorans                                | 1            |           | neu    |
| Flaviaesturariibacter luteus                                     | 1            |           | neu    |
| Flaviaesturariibacter terrae                                     | 1            |           | neu    |
| <b>Flavicella</b>  |              |           |        |
| Flavicella marina  | 1            |           | neu    |
| <b>Flaviflexus</b>   |              |           |        |
| Flaviflexus huanghaiensis  | 1            |           |        |
| Flaviflexus salsibiostraticola                                   | 1            |           | neu    |
| <b>Flaviumibacter</b>  |              |           |        |
| Flaviumibacter cheonanensis                                      | 1            |           | neu    |
| Flaviumibacter petaseus  | 1            |           |        |
| Flaviumibacter sediminis   | 1            |           | neu    |
| Flaviumibacter solisilvae  | 1            |           | neu    |
| Flaviumibacter stibioxidans                                      | 1            |           | neu    |
| <b>Flavimarina</b>   |              |           |        |
| Flavimarina flava  | 1            |           | neu    |

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|---|--------------|-----------|--------|
| Flavimarina pacifica  | 1            |           | neu    |
| <b>Flavimonas – synonym: Pseudomonas</b>                      |              |           |        |
| Flavimonas oryzihabitans – synonym: Pseudomonas oryzihabitans |              |           |        |
| <b>Flaviramulus</b>   |              |           |        |
| Flaviramulus aestuariivivens                                  | 1            |           | neu    |
| Flaviramulus aquimarinus                                      | 1            |           | neu    |
| Flaviramulus basaltis   | 1            |           |        |
| Flaviramulus ichthyoenteri                                    | 1            |           |        |
| <b>Flavirhabdus</b>   |              |           |        |
| Flavirhabdus iliipiscaria → Lacinutrix iliipiscaria           |              |           | Umb.   |
| <b>Flavisolibacter</b>  |              |           |        |
| Flavisolibacter ginsengisoli                                  | 1            |           |        |
| Flavisolibacter ginsengiterrae                                | 1            |           |        |
| Flavisolibacter ginsenosidimutans                             | 1            |           | neu    |
| Flavisolibacter rigui   | 1            |           | neu    |
| Flavisolibacter tropicus                                      | 1            |           | neu    |
| <b>Flavitalea</b>   |              |           |        |
| Flavitalea antarctica   | 1            |           | neu    |
| Flavitalea gansuensis   | 1            |           |        |
| Flavitalea populi   | 1            |           |        |
| Flavitalea soli   | 1            |           | neu    |
| <b>Flavivirga</b>   |              |           |        |
| Flavivirga amylovorans  | 1            |           |        |
| Flavivirga aquimarina   | 1            |           | neu    |
| Flavivirga eckloniae  | 1            |           | neu    |
| Flavivirga jejuensis  | 1            |           |        |
| <b>Flavobacterium</b>   |              |           |        |
| Flavobacterium acidificum                                     | 1            |           |        |
| Flavobacterium aciduliphilum                                  | 1            |           |        |
| Flavobacterium acidurans                                      | 1            |           |        |
| Flavobacterium ahnfeltiae                                     | 1            |           | neu    |
| Flavobacterium akiainvivens                                   | 1            |           |        |
| Flavobacterium algicola                                       | 1            |           |        |
| Flavobacterium amniphilum                                     | 1            |           | neu    |
| Flavobacterium anatoliense                                    | 1            |           |        |
| Flavobacterium anhuiense                                      | 1            |           |        |
| Flavobacterium antarcticum                                    | 1            |           |        |
| Flavobacterium aquaticum                                      | 1            |           |        |
| Flavobacterium aquatile                                       | 1            |           |        |
| Flavobacterium aquicola                                       | 1            |           | neu    |
| Flavobacterium aquidurens                                     | 1            |           |        |
| Flavobacterium araucananum                                    | 1            | t+        |        |
| Flavobacterium arcticum                                       | 1            |           | neu    |
| Flavobacterium ardleyense                                     | 1            |           | neu    |
| Flavobacterium arsenatis                                      | 1            |           | neu    |
| Flavobacterium arsenitoxidans                                 | 1            |           | neu    |



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|---|--------------|-----------|--------|
| Flavobacterium balustinum → Chryseobacterium balustinum                 |              |           |        |
| Flavobacterium banpakuense  | 1            |           |        |
| Flavobacterium beibuense  | 1            |           |        |
| Flavobacterium branchiarum  | 1            | t+        | neu    |
| Flavobacterium branchiicola   | 1            | t+        | neu    |
| Flavobacterium branchiophilum   | 1            | t2        |        |
| Flavobacterium breve → Empedobacter brevis                              |              |           |        |
| Flavobacterium brevivitae   | 1            |           | neu    |
| Flavobacterium buctense   | 1            |           | neu    |
| Flavobacterium caeni  | 1            |           |        |
| Flavobacterium capsulatum → Novosphingobium capsulatum                  |              |           |        |
| Flavobacterium cauense  | 1            |           |        |
| Flavobacterium ceti   | 1            | ht+       | neu    |
| Flavobacterium cheniae  | 1            |           |        |
| Flavobacterium cheonanense  | 1            |           |        |
| Flavobacterium cheonhonense   | 1            |           |        |
| Flavobacterium chilense   | 1            | t+        |        |
| Flavobacterium chuncheonense  | 1            |           | neu    |
| Flavobacterium chungangense   | 1            |           |        |
| Flavobacterium chungbukense   | 1            |           |        |
| Flavobacterium chungnamense   | 1            |           |        |
| Flavobacterium cloacae  | 1            |           | neu    |
| Flavobacterium collinsense  | 1            |           | neu    |
| Flavobacterium collinsii  | 1            | t+        | neu    |
| Flavobacterium columnare (Cytophaga columnaris, Flexibacter columnaris) | 1            | t2        |        |
| Flavobacterium commune  | 1            |           | neu    |
| Flavobacterium compostarboris   | 1            |           |        |
| Flavobacterium crassostreae   | 1            |           | neu    |
| Flavobacterium croceum  | 1            |           |        |
| Flavobacterium cucumis  | 1            |           |        |
| Flavobacterium cutihirudinis  | 1            |           |        |
| Flavobacterium daejeonense  | 1            |           |        |
| Flavobacterium daemonensis  | 1            |           | neu    |
| Flavobacterium dankookense  | 1            |           |        |
| Flavobacterium defluvii   | 1            |           |        |
| Flavobacterium degerlachei  | 1            |           |        |
| Flavobacterium denitrificans  | 1            |           |        |
| Flavobacterium devorans   | 1            |           |        |
| Flavobacterium dispersum  | 1            |           | neu    |
| Flavobacterium dongtanense  | 1            |           |        |
| Flavobacterium eburneum   | 1            |           | neu    |
| Flavobacterium endophyticum   | 1            |           | neu    |
| Flavobacterium enshiense  | 1            |           |        |
| Flavobacterium esteraromaticum → Microbacterium esteraromaticum         |              |           |        |

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|---|--------------|-----------|--------|
| Flavobacterium faecale  | 1            |           | neu    |
| Flavobacterium ferrugineum → Terrimonas ferruginea            |              |           |        |
| Flavobacterium filum  | 1            |           |        |
| Flavobacterium flaviflagrans                                  | 1            |           | neu    |
| Flavobacterium flevense (Cytophaga flevensis)                 | 1            |           |        |
| Flavobacterium fluminis                                       | 1            |           | neu    |
| Flavobacterium fluvii   | 1            |           |        |
| Flavobacterium fontis   | 1            |           |        |
| Flavobacterium frigidarium                                    | 1            |           |        |
| Flavobacterium frigidimaris                                   | 1            |           |        |
| Flavobacterium frigoris                                       | 1            |           |        |
| Flavobacterium fryxellicola                                   | 1            |           |        |
| Flavobacterium fulvum   | 1            |           | neu    |
| Flavobacterium gelidilacus                                    | 1            |           |        |
| Flavobacterium gillisiae                                      | 1            |           |        |
| Flavobacterium gilvum   | 1            |           | neu    |
| Flavobacterium ginsengisoli                                   | 1            |           |        |
| Flavobacterium ginsenosidimutans                              | 1            |           |        |
| Flavobacterium glaciei  | 1            |           |        |
| Flavobacterium gleum → Chryseobacterium gleum                 |              |           |        |
| Flavobacterium glycines                                       | 1            |           |        |
| Flavobacterium gondwanense → Psychroflexus gondwanensis       |              |           |        |
| Flavobacterium gossypii                                       | 1            |           | neu    |
| Flavobacterium granuli  | 1            |           |        |
| Flavobacterium gyeonganense                                   | 1            |           | neu    |
| Flavobacterium halmephilum → Halomonas halmophila             |              |           |        |
| Flavobacterium haoranii                                       | 1            |           |        |
| Flavobacterium hauense  | 1            |           |        |
| Flavobacterium heparinum → Pedobacter heparinus               |              |           |        |
| Flavobacterium hercynium                                      | 1            |           |        |
| Flavobacterium hibernum                                       | 1            |           |        |
| Flavobacterium hibisci  | 1            |           | neu    |
| Flavobacterium humicola                                       | 1            |           | neu    |
| Flavobacterium hydatis (Cytophaga aquatilis)                  | 1            | t2        |        |
| Flavobacterium indicum  | 1            |           |        |
| Flavobacterium indologenes → Chryseobacterium indologenes     |              |           |        |
| Flavobacterium indoltheticum → Chryseobacterium indoltheticum |              |           |        |
| Flavobacterium inkyongense                                    | 1            |           | neu    |
| Flavobacterium jejuensis                                      | 1            |           | neu    |
| Flavobacterium johnsoniae (Cytophaga johnsonae)               | 1            | t2        |        |
| Flavobacterium jumunjinense                                   | 1            |           |        |

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|---|--------------|-----------|--------|
| Flavobacterium keumense   | 1            |           | neu    |
| Flavobacterium koreense   | 1            |           |        |
| Flavobacterium kyungheense  | 1            |           |        |
| Flavobacterium lacunae  | 1            |           | neu    |
| Flavobacterium lacus  | 1            |           |        |
| Flavobacterium limi   | 1            |           | neu    |
| Flavobacterium limicola   | 1            |           |        |
| Flavobacterium limnosediminis   | 1            |           |        |
| Flavobacterium lindanitolerans  | 1            | +         |        |
| Flavobacterium longum   | 1            |           |        |
| Flavobacterium luteum   | 1            |           | neu    |
| Flavobacterium luticocti  | 1            |           | neu    |
| Flavobacterium lutivivi   | 1            |           | neu    |
| Flavobacterium macrobrachii   | 1            |           |        |
| Flavobacterium maotaiense   | 1            |           | neu    |
| Flavobacterium marinotypicum → Microbacterium maritypicum                       |              |           |        |
| Flavobacterium marinum  | 1            |           |        |
| Flavobacterium maris  | 1            |           | neu    |
| Flavobacterium meningosepticum → Elizabethkingia meningoseptica                 |              |           |        |
| Flavobacterium micromati  | 1            |           |        |
| Flavobacterium mizutaii (Sphingobacterium mizutaii) → Sphingobacterium mizutaii |              |           |        |
| Flavobacterium multivorum → Sphingobacterium multivorum                         |              |           |        |
| Flavobacterium myungsuense  | 1            |           |        |
| Flavobacterium naphthae   | 1            |           | neu    |
| Flavobacterium nitratireducens  | 1            |           |        |
| Flavobacterium nitrogenifigens  | 1            |           | neu    |
| Flavobacterium noncentrifugens  | 1            |           |        |
| Flavobacterium notoginsengisoli   | 1            |           | neu    |
| Flavobacterium oceanosedimentum   | 1            |           |        |
| Flavobacterium odoratum → Myroides odoratus                                     |              |           |        |
| Flavobacterium okeanokoites → Planomicrobium okeanokoites                       |              |           |        |
| Flavobacterium olei   | 1            |           | neu    |
| Flavobacterium omnivorum  | 1            |           |        |
| Flavobacterium oncorhynchi  | 1            | t2        |        |
| Flavobacterium orientale  | 1            |           | neu    |
| Flavobacterium oryzae   | 1            |           | neu    |
| Flavobacterium palustre   | 1            |           | neu    |
| Flavobacterium paronense  | 1            |           | neu    |
| Flavobacterium pectinovorum (Cytophaga pectinovora)                             | 1            |           |        |
| Flavobacterium pedocola   | 1            |           | neu    |
| Flavobacterium phragmitis   | 1            |           |        |
| Flavobacterium piscis   | 1            | t2        |        |
| Flavobacterium plurextorum  | 1            | t2        |        |

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|--|--------------|-----------|--------|
| Flavobacterium ponti   | 1            |           |        |
| Flavobacterium procerum  | 1            |           | neu    |
| Flavobacterium psychrolimnae   | 1            |           |        |
| Flavobacterium psychrophilum (Cytophaga psychrophila, Flexibacter psychrophilus) | 1            | t2        |        |
| Flavobacterium qiangtangense   | 1            |           | neu    |
| Flavobacterium quisquiliarum   | 1            |           | neu    |
| Flavobacterium rakeshii  | 1            |           |        |
| Flavobacterium reichenbachii   | 1            |           |        |
| Flavobacterium resinovorum → Novosphingobium resinovorum                         | 1            |           |        |
| Flavobacterium resistens   | 1            |           |        |
| Flavobacterium rivuli  | 1            |           |        |
| Flavobacterium saccharophilum (Cytophaga saccharophila)                          | 1            |           |        |
| Flavobacterium salegens → Salegentibacter salegens                               |              |           |        |
| Flavobacterium saliperosum   | 1            |           |        |
| Flavobacterium sasangense  | 1            |           |        |
| Flavobacterium scophthalmum → Chryseobacterium scophthalmum                      |              |           |        |
| Flavobacterium segetis   | 1            |           |        |
| Flavobacterium seoulense   | 1            |           | neu    |
| Flavobacterium sinopsychrotolerans   | 1            |           |        |
| Flavobacterium soli  | 1            |           |        |
| Flavobacterium soyangense  | 1            |           | neu    |
| Flavobacterium spartansii  | 1            | t2        | neu    |
| Flavobacterium spiritivorum → Sphingobacterium spiritivorum                      |              |           |        |
| Flavobacterium squillarum  | 1            |           |        |
| Flavobacterium suaedae   | 1            |           | neu    |
| Flavobacterium subsaxonicum  | 1            |           |        |
| Flavobacterium succinicans (Cytophaga succinicans)                               | 1            |           |        |
| Flavobacterium suncheonense  | 1            |           |        |
| Flavobacterium suzhouense  | 1            |           | neu    |
| Flavobacterium swingsii  | 1            |           |        |
| Flavobacterium tegetincola   | 1            |           |        |
| Flavobacterium terrae  | 1            |           |        |
| Flavobacterium terrigena   | 1            |           |        |
| Flavobacterium terriphilum   | 1            |           | neu    |
| Flavobacterium thalpophilum → Sphingobacterium thalpophilum                      |              |           |        |
| Flavobacterium thermophilum  | 1            |           |        |
| Flavobacterium tiangeerense  | 1            |           |        |
| Flavobacterium tilapiae  | 1            |           |        |
| Flavobacterium tistriani   | 1            |           | neu    |
| Flavobacterium tractae   | 1            | t2        |        |
| Flavobacterium tyrosinilyticum   | 1            |           | neu    |

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|--|--------------|-----------|--------|
| Flavobacterium uliginosum → Zobellia uliginosa   |              |           |        |
| Flavobacterium ummariense  | 1            |           |        |
| Flavobacterium urocaniciphilum   | 1            |           |        |
| Flavobacterium urumqiense  | 1            |           |        |
| Flavobacterium verecundum  | 1            |           | neu    |
| Flavobacterium vireti  | 1            |           | neu    |
| Flavobacterium weaverense  | 1            |           |        |
| Flavobacterium xanthum   | 1            |           |        |
| Flavobacterium xinjiangense  | 1            |           |        |
| Flavobacterium xueshanense   | 1            |           |        |
| Flavobacterium yabuuchiae – synonym: Sphingobacterium spiritivorum                           |              |           |        |
| Flavobacterium yanchengense  | 1            |           |        |
| Flavobacterium yonginense  | 1            |           |        |
| <b>Flavonifractor</b>  |              |           |        |
| Flavonifractor plautii (Clostridium orbiscindens, Eubacterium plautii, Fusobacterium plauti) | 2            |           |        |
| <b>Flectobacillus</b>  |              |           |        |
| Flectobacillus fontis  | 1            |           | neu    |
| Flectobacillus glomeratus → Polaribacter glomeratus  |              |           |        |
| Flectobacillus lacus   | 1            |           |        |
| Flectobacillus major   | 1            |           |        |
| Flectobacillus marinus → Cyclobacterium marinum  |              |           |        |
| Flectobacillus pallidus  | 1            |           | neu    |
| Flectobacillus rhizosphaerae   | 1            |           | neu    |
| Flectobacillus roseus  | 1            |           |        |
| <b>Flexibacter</b>   |              |           |        |
| Flexibacter aggregans – synonym: Flexithrix dorothaeae                                       |              |           |        |
| Flexibacter aurantiacus  | 1            |           |        |
| Flexibacter canadensis → Solitalea canadensis  |              |           |        |
| Flexibacter columnaris → Flavobacterium columnare  |              |           |        |
| Flexibacter elegans → Eisenibacter elegans   |              |           | Umb.   |
| Flexibacter filiformis → Chitinophaga filiformis   |              |           |        |
| Flexibacter flexilis   | 1            |           |        |
| Flexibacter japonensis → Chitinophaga japonensis   |              |           |        |
| Flexibacter litoralis → Bernardetia litoralis  |              |           | Umb.   |
| Flexibacter maritimus → Tenacibaculum maritimum  |              |           |        |
| Flexibacter ovolyticus → Tenacibaculum ovolyticum  |              |           |        |
| Flexibacter polymorphus → Garritya polymorpha  |              |           | Umb.   |
| Flexibacter psychrophilus → Flavobacterium psychrophilum                                     |              |           |        |
| Flexibacter roseolus → Hugenholtzia roseola  |              |           | Umb.   |
| Flexibacter ruber → Thermoflexibacter ruber  |              |           | Umb.   |

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|---|--------------|-----------|--------|
| Flexibacter sancti → Chitinophaga sancti      |              |           |        |
| Flexibacter tractuosus → Marivirga tractuosa  |              |           |        |
| <b>Flexilinea</b>                             |              |           |        |
| Flexilinea flocculi                           | 1            |           | neu    |
| <b>Flexistipes</b>                            |              |           |        |
| Flexistipes sinusarabici                      | 1            |           |        |
| <b>Flexithrix</b>                             |              |           |        |
| Flexithrix dorotheae                          | 1            |           |        |
| <b>Flexivirga</b>                             |              |           |        |
| Flexivirga alba                               | 1            |           |        |
| Flexivirga endophytica                        | 1            |           | neu    |
| Flexivirga lutea                              | 1            |           | neu    |
| Flexivirga oryzae                             | 1            |           | neu    |
| <b>Flindersiella</b>                          |              |           |        |
| Flindersiella endophytica                     | 1            |           |        |
| <b>Flintibacter</b>                           |              |           |        |
| Flintibacter butyricus                        | 1            |           | neu    |
| <b>Floricoccus</b>                            |              |           |        |
| Floricoccus penangensis                       | 1            |           | neu    |
| Floricoccus tropicus                          | 1            |           | neu    |
| <b>Fluoribacter</b>                           |              |           |        |
| Fluoribacter bozemanii (Legionella bozemanii) | 2            |           |        |
| Fluoribacter dumoffii (Legionella dumoffii)   | 2            |           |        |
| Fluoribacter gormanii (Legionella gormanii)   | 2            |           |        |
| <b>Fluviicoccus</b>                           |              |           |        |
| Fluviicoccus keumensis                        | 1            |           | neu    |
| <b>Fluviicola</b>                             |              |           |        |
| Fluviicola hefeinensis                        | 1            |           |        |
| Fluviicola taffensis                          | 1            |           |        |
| <b>Fluviimonas</b>                            |              |           |        |
| Fluviimonas pallidilutea                      | 1            |           |        |
| <b>Fodinibacter</b>                           |              |           |        |
| Fodinibacter luteus                           | 1            |           |        |
| <b>Fodinibius</b>                             |              |           |        |
| Fodinibius salinus                            | 1            |           |        |
| <b>Fodinicola</b>                             |              |           |        |
| Fodinicola feengrottensis                     | 1            |           |        |
| <b>Fodinicurvata</b>                          |              |           |        |
| Fodinicurvata fenggangensis                   | 1            |           |        |
| Fodinicurvata halophila                       | 1            |           | neu    |
| Fodinicurvata sediminis                       | 1            |           |        |
| <b>Fontibacillus</b>                          |              |           |        |
| Fontibacillus aquaticus                       | 1            |           |        |
| Fontibacillus panacisegetis                   | 1            |           |        |
| Fontibacillus phaseoli                        | 1            |           | neu    |
| Fontibacillus solani                          | 1            |           | neu    |

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|---|--------------|-----------|--------------|
| <b>Fontibacter</b>  |              |           |              |
| Fontibacter ferrireducens   | 1            |           |              |
| Fontibacter flavus  | 1            |           |              |
| <b>Fonticella</b>   |              |           |              |
| Fonticella tunisiensis  | 1            |           |              |
| <b>Fontimonas</b>   |              |           |              |
| Fontimonas thermophila  | 1            |           |              |
| <b>Formivibrio</b>  |              |           |              |
| Formivibrio citricus  | 1            |           |              |
| <b>Formosa</b>  |              |           |              |
| Formosa agariphila  | 1            |           |              |
| Formosa algae   | 1            |           |              |
| Formosa arctica   | 1            |           |              |
| Formosa haliotis  | 1            |           | neu          |
| Formosa spongicola  | 1            |           |              |
| Formosa undariae  | 1            |           |              |
| <b>Formosimonas</b>   |              |           |              |
| Formosimonas limnophila   | 1            |           | neu          |
| <b>Fournierella</b>   |              |           |              |
| Fournierella massiliensis   | 1            |           | neu          |
| <b>Francisella</b>  |              |           |              |
| Francisella guangzhouensis → Allofrancisella guangzhouensis                                     |              |           | Umb.         |
| Francisella haliotida   | 1            | n         |              |
| Francisella hispaniensis  | 2            |           |              |
| Francisella noatunensis subsp. noatunensis (Francisella philomiragia subsp. noatunensis)        | 1            | t2        |              |
| Francisella noatunensis subsp. orientalis   | 1            | t2        |              |
| Francisella novicida → Francisella tularensis subsp. novicida                                   |              |           |              |
| Francisella persica (Wolbachia persica)   | 1            |           | Umb.         |
| Francisella philomiragia (Francisella philomiragia subsp. philomiragia, Yersinia philomiragia)  | 2            | ht        |              |
| Francisella philomiragia subsp. noatunensis → Francisella noatunensis subsp. noatunensis        |              |           |              |
| Francisella philomiragia subsp. philomiragia (Yersinia philomiragia) → Francisella philomiragia |              |           |              |
| Francisella piscicida – synonym: Francisella noatunensis subsp. noatunensis                     |              |           |              |
| Francisella tularensis subsp. holarctica  | 2            | Z         |              |
| Francisella tularensis subsp. mediasiatica  | 2            | Z         |              |
| Francisella tularensis subsp. novicida (Francisella novicida)                                   | 2            |           |              |
| Francisella tularensis subsp. tularensis  | 3            | Z         |              |
| <b>Franconibacter</b>   |              |           |              |
| Franconibacter daqui  | 1            |           | neu          |
| Franconibacter helveticus (Cronobacter helveticus, Enterobacter helveticus)                     | 1            |           | Umb., Einst. |
| Franconibacter pulveris (Cronobacter pulveris, Enterobacter pulveris)                           | 1            |           | Umb., Einst. |

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|---|--------------|-----------|--------|
| <b>Frankia</b>  |              |           |        |
| Frankia alni  | 1            |           |        |
| Frankia asymbiotica   | 1            |           | neu    |
| Frankia casuarinae  | 1            |           | neu    |
| Frankia coriariae   | 1            |           | neu    |
| Frankia discariae   | 1            |           | neu    |
| Frankia elaeagni  | 1            |           | neu    |
| Frankia inefficax   | 1            |           | neu    |
| <b>Frateuria</b>  |              |           |        |
| Frateuria aurantia  | 1            |           |        |
| Frateuria terrea  | 1            |           |        |
| <b>Frederiksenia</b>  |              |           |        |
| Frederiksenia canicola  | 2            | Z         | neu    |
| <b>Fretibacter</b>  |              |           |        |
| Fretibacter rubidus   | 1            |           |        |
| <b>Fretibacterium</b>   |              |           |        |
| Fretibacterium fastidiosum                                    | 1            | +         |        |
| <b>Friedmanniella</b>   |              |           |        |
| Friedmanniella aerolata                                       | 1            |           | neu    |
| Friedmanniella antarctica                                     | 1            |           |        |
| Friedmanniella capsulata                                      | 1            |           |        |
| Friedmanniella endophytica                                    | 1            |           | neu    |
| Friedmanniella flava  | 1            |           |        |
| Friedmanniella lacustris                                      | 1            |           |        |
| Friedmanniella lucida   | 1            |           |        |
| Friedmanniella luteola  | 1            |           |        |
| Friedmanniella okinawensis                                    | 1            |           |        |
| Friedmanniella sagamiharensis                                 | 1            |           |        |
| Friedmanniella spumicola                                      | 1            |           |        |
| <b>Frigidibacter</b>  |              |           |        |
| Frigidibacter albus   | 1            |           | neu    |
| <b>Frigoribacterium</b>                                       |              |           |        |
| Frigoribacterium endophyticum                                 | 1            |           | neu    |
| Frigoribacterium faeni  | 1            |           |        |
| Frigoribacterium mesophilum → Parafrigoribacterium mesophilum |              |           | Umb.   |
| Frigoribacterium salinisoli                                   | 1            |           | neu    |
| <b>Frischella</b>   |              |           |        |
| Frischella perrara  | 1            |           |        |
| <b>Frisingicoccus</b>   |              |           |        |
| Frisingicoccus caecimuris                                     | 1            |           | neu    |
| <b>Frondebacter</b>   |              |           |        |
| Frondebacter aureus   | 1            |           | neu    |
| Frondebacter mangrovi   | 1            |           | neu    |
| <b>Frondicola → Frondihabitans</b>                            |              |           |        |
| Frondicola australicus → Frondihabitans australicus           |              |           |        |



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|---|--------------|-----------|--------|
| <b>Fron dihabitans</b>  |              |           |        |
| Fron dihabitans australicus (Fron dicola australicus)                     | 1            |           |        |
| Fron dihabitans cladoniiphilus  | 1            |           |        |
| Fron dihabitans peucedani   | 1            |           |        |
| Fron dihabitans sucicola  | 1            |           |        |
| <b>Fructobacillus</b>   |              |           |        |
| Fructobacillus durionis (Leuconostoc durionis)                            | 1            |           |        |
| Fructobacillus ficulneus (Leuconostoc ficulneum)                          | 1            |           |        |
| Fructobacillus fructosus (Leuconostoc fructosum, Lactobacillus fructosus) | 1            |           |        |
| Fructobacillus pseudoficulneus (Leuconostoc pseudoficulneum)              | 1            |           |        |
| Fructobacillus tropaeoli  | 1            |           |        |
| <b>Fuchsiella</b>   |              |           |        |
| Fuchsiella alkaliacetigena  | 1            |           |        |
| Fuchsiella ferrireducens  | 1            |           | neu    |
| <b>Fulvibacter</b>  |              |           |        |
| Fulvibacter tottoriensis  | 1            |           |        |
| <b>Fulvimarina</b>  |              |           |        |
| Fulvimarina manganooxydans  | 1            |           | neu    |
| Fulvimarina pelagi  | 1            |           |        |
| <b>Fulvimonas</b>   |              |           |        |
| Fulvimonas soli   | 1            |           |        |
| Fulvimonas yonginensis  | 1            |           | neu    |
| <b>Fulvitalea</b>   |              |           |        |
| Fulvitalea axinellae  | 1            |           | neu    |
| <b>Fulvivirga</b>   |              |           |        |
| Fulvivirga imtechensis  | 1            |           | neu    |
| Fulvivirga kasyanovii   | 1            |           |        |
| Fulvivirga lutimaris  | 1            |           | neu    |
| <b>Fundibacter</b> → <b>Alcanivorax</b>                                   |              |           |        |
| Fundibacter jadensis → Alcanivorax jadensis                               |              |           |        |
| <b>Fusibacter</b>   |              |           |        |
| Fusibacter bizertensis  | 1            |           | neu    |
| Fusibacter fontis   | 1            |           | neu    |
| Fusibacter paucivorans  | 1            |           |        |
| Fusibacter tunisiensis  | 1            |           |        |
| <b>Fusicatenibacter</b>   |              |           |        |
| Fusicatenibacter saccharivorans   | 1            |           |        |
| <b>Fusobacterium</b>  |              |           |        |
| Fusobacterium alocis → Filifactor alocis                                  |              |           |        |
| Fusobacterium canifelinum   | 2            | Z         |        |
| Fusobacterium equinum   | 2            | t         |        |
| Fusobacterium gonidiaformans  | 2            |           |        |
| Fusobacterium mortiferum  | 2            |           |        |
| Fusobacterium naviforme   | 2            | ht        |        |
| Fusobacterium necrogenes  | 2            |           |        |

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|--|--------------|-----------|--------|
| <i>Fusobacterium necrophorum</i> subsp. <i>funduliforme</i>  | 2            | ht        |        |
| <i>Fusobacterium necrophorum</i> subsp. <i>necrophorum</i>   | 2            | ht        |        |
| <i>Fusobacterium nucleatum</i> subsp. <i>animalis</i>  | 2            |           |        |
| <i>Fusobacterium nucleatum</i> subsp. <i>fusiforme</i> - synonym: <i>Fusobacterium nucleatum</i> subsp. <i>vincentii</i> |              |           | Umb.   |
| <i>Fusobacterium nucleatum</i> subsp. <i>nucleatum</i>   | 2            |           |        |
| <i>Fusobacterium nucleatum</i> subsp. <i>polymorphum</i>   | 2            |           |        |
| <i>Fusobacterium nucleatum</i> subsp. <i>vincentii</i>   | 2            |           |        |
| <i>Fusobacterium perfoetens</i>  | 1            | +         |        |
| <i>Fusobacterium periodonticum</i>   | 2            |           |        |
| <i>Fusobacterium plauti</i> → <i>Flavonifractor plautii</i>  |              |           | Umb.   |
| <i>Fusobacterium polysaccharolyticum</i> → <i>Clostridium polysaccharolyticum</i>  |              |           |        |
| <i>Fusobacterium prausnitzii</i> → <i>Faecalibacterium prausnitzii</i>   |              |           |        |
| <i>Fusobacterium pseudonecrophorum</i> – synonym: <i>Fusobacterium varium</i>  |              |           |        |
| <i>Fusobacterium russii</i>  | 2            |           |        |
| <i>Fusobacterium simiae</i>  | 1            |           |        |
| <i>Fusobacterium sulci</i> → <i>Eubacterium sulci</i>  |              |           |        |
| <i>Fusobacterium ulcerans</i>  | 2            |           |        |
| <i>Fusobacterium varium</i>  | 2            | ht        |        |
| <b>Gabonibacter</b>  |              |           |        |
| <i>Gabonibacter massiliensis</i>   | 1            |           | neu    |
| <b>Gaetbulibacter</b>  |              |           |        |
| <i>Gaetbulibacter aestuarii</i>  | 1            |           |        |
| <i>Gaetbulibacter aquiaggeris</i>  | 1            |           | neu    |
| <i>Gaetbulibacter lutimaris</i>  | 1            |           |        |
| <i>Gaetbulibacter marinus</i>  | 1            |           |        |
| <i>Gaetbulibacter saemankumensis</i>   | 1            |           |        |
| <b>Gaetbulicola</b>  |              |           |        |
| <i>Gaetbulicola byunsanensis</i>   | 1            |           |        |
| <b>Gaetbulimicrobium</b> → <b>Aquimarina</b>   |              |           |        |
| <i>Gaetbulimicrobium brevivittae</i> → <i>Aquimarina brevivittae</i>   |              |           |        |
| <b>Gaiella</b>   |              |           |        |
| <i>Gaiella occulta</i>   | 1            |           |        |
| <b>Galbibacter</b>   |              |           |        |
| <i>Galbibacter marinus</i>   | 1            |           |        |
| <i>Galbibacter mesophilus</i>  | 1            |           |        |
| <b>Galbitalea</b>  |              |           |        |
| <i>Galbitalea soli</i>   | 1            |           |        |
| <b>Galenea</b>   |              |           |        |
| <i>Galenea microaerophila</i>  | 1            |           |        |
| <b>Gallaecimonas</b>   |              |           |        |
| <i>Gallaecimonas pentaromativorans</i>   | 1            |           |        |
| <i>Gallaecimonas xiamenensis</i>   | 1            |           |        |
| <b>Gallibacterium</b>  |              |           |        |

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|--|--------------|-----------|--------|
| Gallibacterium anatis (Pasteurella anatis)       | 2            | t         |        |
| Gallibacterium melopsittaci                      | 2            | t         |        |
| Gallibacterium salpingitidis                     | 2            | t         |        |
| Gallibacterium trehalosifermentans               | 2            | t         |        |
| <b>Gallicola</b>                                 |              |           |        |
| Gallicola barnesae (Peptostreptococcus barnesae) | 1            | +         |        |
| <b>Gallionella</b>                               |              |           |        |
| Gallionella ferruginea                           | 1            |           |        |
| <b>Galliscardovia</b>                            |              |           |        |
| Galliscardovia ingluviei                         | 1            |           | neu    |
| <b>Gangjinia</b>                                 |              |           |        |
| Gangjinia marincola                              | 1            |           |        |
| <b>Garciella</b>                                 |              |           |        |
| Garciella nitratireducens                        | 1            |           |        |
| <b>Gardnerella</b>                               |              |           |        |
| Gardnerella vaginalis (Haemophilus vaginalis)    | 2            |           |        |
| <b>Garicola</b>                                  |              |           |        |
| Garicola koreensis                               | 1            |           | neu    |
| <b>Garritya</b>                                  |              |           |        |
| Garritya polymorpha (Flexibacter polymorphus)    | 1            |           | Umb.   |
| <b>Gelatiniphilus</b>                            |              |           |        |
| Gelatiniphilus marinus                           | 1            |           | neu    |
| <b>Gelidibacter</b>                              |              |           |        |
| Gelidibacter algens                              | 1            |           |        |
| Gelidibacter gilvus                              | 1            |           |        |
| Gelidibacter mesophilus                          | 1            |           |        |
| Gelidibacter salicanalis                         | 1            |           |        |
| Gelidibacter sediminis                           | 1            |           | neu    |
| <b>Gellertiella</b>                              |              |           |        |
| Gellertiella hungarica                           | 1            |           | neu    |
| <b>Gelria</b>                                    |              |           |        |
| Gelria glutamica                                 | 1            |           |        |
| <b>Gemella</b>                                   |              |           |        |
| Gemella asaccharolytica                          | 2            |           |        |
| Gemella bergeri                                  | 2            |           |        |
| Gemella cuniculi                                 | 2            | t         |        |
| Gemella haemolysans                              | 2            |           |        |
| Gemella morbillorum (Streptococcus morbillorum)  | 2            |           |        |
| Gemella palaticanis                              | 1            |           |        |
| Gemella parahaemolysans                          | 2            |           |        |
| Gemella sanguinis                                | 2            |           |        |
| Gemella taiwanensis                              | 2            |           |        |
| <b>Geminicoccus</b>                              |              |           |        |
| Geminicoccus roseus                              | 1            |           |        |
| <b>Gemmata</b>                                   |              |           |        |
| Gemmata obscuriglobus                            | 1            |           |        |

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|--|--------------|-----------|--------|
| <b>Gemmatimonas</b>  |              |           |        |
| Gemmatimonas aurantiaca  | 1            |           |        |
| Gemmatimonas phototrophica   | 1            |           | neu    |
| <b>Gemmiger</b>  |              |           |        |
| Gemmiger formicilis  | 1            |           |        |
| <b>Gemmobacter</b>   |              |           |        |
| Gemmobacter aquaticus (Catellibacterium aquatile)                              | 1            |           |        |
| Gemmobacter aquatilis  | 1            |           |        |
| Gemmobacter caeni (Catellibacterium caeni)                                     | 1            |           |        |
| Gemmobacter changlensis (Catellibacterium changlense, Rhodobacter changlensis) | 1            |           |        |
| Gemmobacter changlensis → Cereibacter changlensis                              |              |           | Umb.   |
| Gemmobacter fontiphilus  | 1            |           |        |
| Gemmobacter intermedius  | 1            |           | neu    |
| Gemmobacter lanyuensis   | 1            |           |        |
| Gemmobacter megaterium   | 1            |           |        |
| Gemmobacter nanjingensis (Catellibacterium nanjingense)                        | 1            |           |        |
| Gemmobacter nectariphilus (Catellibacterium nectariphilum)                     | 1            |           |        |
| Gemmobacter straminiformis   | 1            |           | neu    |
| Gemmobacter tilapiae   | 1            |           |        |
| <b>Geoalkalibacter</b>   |              |           |        |
| Geoalkalibacter ferrihydriticus  | 1            |           |        |
| Geoalkalibacter subterraneus   | 1            |           |        |
| <b>Geobacillus</b>   |              |           |        |
| Geobacillus caldxylosilyticus (Saccharococcus caldxylosilyticus)               | 1            |           |        |
| Geobacillus debilis → Caldibacillus debilis                                    |              |           |        |
| Geobacillus galactosidasius  | 1            |           |        |
| Geobacillus gargensis – synonym: Geobacillus thermocatenulatus                 |              |           |        |
| Geobacillus icigianus  | 1            |           | neu    |
| Geobacillus jurassicus   | 1            |           |        |
| Geobacillus kaustophilus (Bacillus kaustophilus)                               | 1            |           |        |
| Geobacillus lituanicus   | 1            |           |        |
| Geobacillus pallidus (Bacillus pallidus) → Aeribacillus pallidus               |              |           |        |
| Geobacillus stearothermophilus (Bacillus stearothermophilus)                   | 1            |           |        |
| Geobacillus subterraneus subsp. aromaticivorans                                | 1            |           |        |
| Geobacillus subterraneus subsp. subterraneus (Geobacillus subterraneus)        | 1            |           |        |
| Geobacillus subterraneus → Geobacillus subterraneus subsp. subterraneus        | 1            |           |        |
| Geobacillus tepidamans → Anoxybacillus tepidamans                              |              |           |        |
| Geobacillus thermantarcticus (Bacillus thermantarcticus)                       | 1            |           |        |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| Geobacillus thermocatenulatus (Bacillus thermocatenulatus)  | 1            |           |        |
| Geobacillus thermodenitrificans (Bacillus thermodenitrificans) → Geobacillus thermodenitrificans subsp. thermodenitrificans |              |           |        |
| Geobacillus thermodenitrificans subsp. calidus  | 1            |           |        |
| Geobacillus thermodenitrificans subsp. thermosdenitrificans (Geobacillus thermodenitrificans, Bacillus thermodenitrificans) | 1            |           |        |
| Geobacillus thermoglucosidans (Bacillus thermoglucosidasius)  | 1            |           |        |
| Geobacillus thermoleovorans (Bacillus thermoleovorans)  | 1            |           |        |
| Geobacillus toebii  | 1            |           |        |
| Geobacillus uzenensis   | 1            |           |        |
| Geobacillus vulcani (Bacillus vulcani)  | 1            |           |        |
| <b>Geobacter</b>  |              |           |        |
| Geobacter anodireducens   | 1            |           | neu    |
| Geobacter argillaceus   | 1            |           |        |
| Geobacter bemidjiensis  | 1            |           |        |
| Geobacter bremsensis  | 1            |           |        |
| Geobacter chapellei   | 1            |           |        |
| Geobacter daltonii  | 1            |           |        |
| Geobacter grbiciae  | 1            |           |        |
| Geobacter hydrogenophilus   | 1            |           |        |
| Geobacter lovleyi   | 1            |           |        |
| Geobacter luticola  | 1            |           |        |
| Geobacter metallireducens   | 1            |           |        |
| Geobacter pelophilus  | 1            |           |        |
| Geobacter pickeringii   | 1            |           |        |
| Geobacter psychrophilus   | 1            |           |        |
| Geobacter soli  | 1            |           | neu    |
| Geobacter sulfurreducens  | 1            |           |        |
| Geobacter sulfurreducens → Geobacter sulfurreducens subsp. sulfurreducens   |              |           | Umb.   |
| Geobacter sulfurreducens subsp. ethanolicus   | 1            |           | neu    |
| Geobacter sulfurreducens subsp. sulfurreducens (Geobacter sulfurreducens)   | 1            |           | Umb.   |
| Geobacter thiogenes (Trichlorobacter thiogenes)   | 1            |           |        |
| Geobacter toluenoxydans   | 1            |           |        |
| Geobacter uraniireducens  | 1            |           |        |
| <b>Geodermatophilus</b>   |              |           |        |
| Geodermatophilus africanus  | 1            |           |        |
| Geodermatophilus amargosae  | 1            |           | neu    |
| Geodermatophilus aquaeductus  | 1            |           | neu    |
| Geodermatophilus arenarius  | 1            |           |        |
| Geodermatophilus brasiliensis   | 1            |           | neu    |
| Geodermatophilus bullaregiensis   | 1            |           | neu    |
| Geodermatophilus daqingensis  | 1            |           | neu    |

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|----------------------------------|---------------------|------------------|---------------|
| Geodermatophilus dictyosporus    | 1                   |                  | neu           |
| Geodermatophilus nigrescens      | 1                   |                  |               |
| Geodermatophilus normandii       | 1                   |                  |               |
| Geodermatophilus obscurus        | 1                   |                  |               |
| Geodermatophilus poikilotrophus  | 1                   |                  | neu           |
| Geodermatophilus pulveris        | 1                   |                  | neu           |
| Geodermatophilus ruber           | 1                   |                  |               |
| Geodermatophilus sabuli          | 1                   |                  | neu           |
| Geodermatophilus saharensis      | 1                   |                  |               |
| Geodermatophilus siccatus        | 1                   |                  |               |
| Geodermatophilus soli            | 1                   |                  |               |
| Geodermatophilus taihuensis      | 1                   |                  |               |
| Geodermatophilus telluris        | 1                   |                  |               |
| Geodermatophilus terrae          | 1                   |                  |               |
| Geodermatophilus tzadiensis      | 1                   |                  |               |
| <b>Geofilum</b>                  |                     |                  |               |
| Geofilum rhodophaeum             | 1                   |                  | neu           |
| Geofilum rubicundum              | 1                   |                  |               |
| <b>Geoglobus</b>                 |                     |                  |               |
| <i>Geoglobus acetivorans</i>     | 1                   |                  |               |
| <i>Geoglobus ahangari</i>        | 1                   |                  |               |
| <b>Geojedonia</b>                |                     |                  |               |
| Geojedonia litorea               | 1                   |                  |               |
| <b>Geomicrobium</b>              |                     |                  |               |
| Geomicrobium halophilum          | 1                   |                  |               |
| Geomicrobium sediminis           | 1                   |                  |               |
| <b>Geopsychrobacter</b>          |                     |                  |               |
| Geopsychrobacter electrodiphilus | 1                   |                  |               |
| <b>Georgenia</b>                 |                     |                  |               |
| Georgenia daeguensis             | 1                   |                  |               |
| Georgenia halophila              | 1                   |                  |               |
| Georgenia muralis                | 1                   |                  |               |
| Georgenia ruanii                 | 1                   |                  |               |
| Georgenia satyanarayanai         | 1                   |                  |               |
| Georgenia sediminis              | 1                   |                  |               |
| Georgenia soli                   | 1                   |                  |               |
| Georgenia subflava               | 1                   |                  | neu           |
| Georgenia thermotolerans         | 1                   |                  |               |
| <b>Georgfuchsia</b>              |                     |                  |               |
| Georgfuchsia toluolica           | 1                   |                  |               |
| <b>Geosporobacter</b>            |                     |                  |               |
| Geosporobacter subterraneus      | 1                   |                  |               |
| <b>Geothermobacter</b>           |                     |                  |               |
| Geothermobacter ehrlichii        | 1                   |                  |               |
| <b>Geothermomicrobium</b>        |                     |                  |               |
| Geothermomicrobium terrae        | 1                   |                  | neu           |

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|--|--------------|-----------|--------|
| <b>Geothrix</b>  |              |           |        |
| Geothrix fermentans                                    | 1            |           |        |
| <b>Geotoga</b>   |              |           |        |
| Geotoga petraea  | 1            |           |        |
| Geotoga subterranea                                    | 1            |           |        |
| Geotoga weaveri  | 1            |           |        |
| <b>Geovibrio</b>                                       |              |           |        |
| Geovibrio ferrireducens                                | 1            |           |        |
| Geovibrio thiophilus                                   | 1            |           |        |
| <b>Gibbsiella</b>                                      |              |           |        |
| Gibbsiella dentisursi                                  | 1            |           | Umb.   |
| Gibbsiella greigii                                     | 1            | p+        | neu    |
| Gibbsiella papilionis – synonym: Gibbsiella dentisursi |              |           | Umb.   |
| Gibbsiella quercinecans                                | 1            | p2        |        |
| <b>Giesbergeria</b>                                    |              |           |        |
| Giesbergeria anulus (Aquaspirillum anulus)             | 1            |           |        |
| Giesbergeria giesbergeri (Aquaspirillum giesbergeri)   | 1            |           |        |
| Giesbergeria kuznetsovii                               | 1            |           |        |
| Giesbergeria sinuosa (Aquaspirillum sinuosum)          | 1            |           |        |
| Giesbergeria voronezhensis                             | 1            |           |        |
| <b>Gilliamella</b>                                     |              |           |        |
| Gilliamella apicola                                    | 1            |           |        |
| Gilliamella bombi                                      | 1            |           | neu    |
| Gilliamella bombicola                                  | 1            |           | neu    |
| Gilliamella intestini                                  | 1            |           | neu    |
| Gilliamella mensalis                                   | 1            |           | neu    |
| <b>Gillisia</b>  |              |           |        |
| Gillisia hiemivivida                                   | 1            |           |        |
| Gillisia illustrilutea                                 | 1            |           |        |
| Gillisia limnaea                                       | 1            |           |        |
| Gillisia marina  | 1            |           |        |
| Gillisia mitskevichiae                                 | 1            |           |        |
| Gillisia myxillae                                      | 1            |           |        |
| Gillisia sandarakina                                   | 1            |           |        |
| <b>Gilvibacter</b>                                     |              |           |        |
| Gilvibacter sediminis                                  | 1            |           |        |
| <b>Gilvimarinus</b>                                    |              |           |        |
| Gilvimarinus chinensis                                 | 1            |           |        |
| Gilvimarinus japonicus                                 | 1            |           | neu    |
| Gilvimarinus polysaccharolyticus                       | 1            |           | neu    |
| <b>Gimesia</b>   |              |           |        |
| Gimesia maris (Planctomyces maris)                     | 1            |           | Umb.   |
| <b>Glaciecola</b>                                      |              |           |        |
| Glaciecola agarilytica → Paraglaciecola agarilytica    |              |           | Umb.   |

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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| Glaciecola aquimarina → Paraglaciecola aquimarina  |              |           | Umb.   |
| Glaciecola arctica → Paraglaciecola arctica  |              |           | Umb.   |
| Glaciecola chathamensis → Paraglaciecola chathamensis  |              |           | Umb.   |
| Glaciecola lipolytica → Aliiglaciecola lipolytica  |              |           |        |
| Glaciecola mesophila → Paraglaciecola mesophila  |              |           | Umb.   |
| Glaciecola nitratireducens   | 1            |           |        |
| Glaciecola pallidula   | 1            |           |        |
| Glaciecola polaris → Paraglaciecola polaris  |              |           | Umb.   |
| Glaciecola psychrophila → Paraglaciecola psychrophila  |              |           | Umb.   |
| Glaciecola punicea   | 1            |           |        |
| <b>Glaciibacter</b>  |              |           |        |
| Glaciibacter superstes   | 1            |           |        |
| <b>Glaciihabitans</b>  |              |           |        |
| Glaciihabitans tibetensis  | 1            |           |        |
| <b>Glaciimonas</b>   |              |           |        |
| Glaciimonas alpina   | 1            |           | neu    |
| Glaciimonas frigoris   | 1            |           | neu    |
| Glaciimonas immobilis  | 1            |           |        |
| Glaciimonas singularis   | 1            |           |        |
| <b>Globicatella</b>  |              |           |        |
| Globicatella sanguinis   | 2            | ht        |        |
| Globicatella sulfidifaciens  | 2            | t         |        |
| <b>Gluconacetobacter</b>   |              |           |        |
| Gluconacetobacter aggeris  | 1            |           |        |
| Gluconacetobacter asukensis  | 1            |           |        |
| Gluconacetobacter azotocaptans   | 1            |           |        |
| Gluconacetobacter diazotrophicus (Acetobacter diazotrophicus)                                    | 1            |           |        |
| Gluconacetobacter entanii  | 1            |           |        |
| Gluconacetobacter europaeus (Acetobacter europaeus) → Komagataeibacter europaeus                 |              |           |        |
| Gluconacetobacter hansenii → Komagataeibacter hansenii   |              |           |        |
| Gluconacetobacter intermedius → Komagataeibacter intermedius                                     |              |           |        |
| Gluconacetobacter johannae   | 1            |           |        |
| Gluconacetobacter kakiaceti → Komagataeibacter kakiaceti   |              |           |        |
| Gluconacetobacter kombuchae – synonym: Gluconacetobacter hansenii → Komagataeibacter kombuchae   |              |           |        |
| Gluconacetobacter liquefaciens (Acetobacter aceti subsp. liquefaciens, Acetobacter liquefaciens) | 1            |           |        |
| Gluconacetobacter maltaceti → Komagataeibacter maltaceti   |              |           |        |
| Gluconacetobacter medellinensis → Komagataeibacter medellinensis                                 |              |           |        |



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|--|--------------|-----------|--------|
| Gluconacetobacter nataicola → Komagataeibacter nataicola   |              |           |        |
| Gluconacetobacter oboediens (Acetobacter oboediens) → Komagataeibacter oboediens   |              |           |        |
| Gluconacetobacter rhaeticus → Komagataeibacter rhaeticus   |              |           |        |
| Gluconacetobacter sacchari   | 1            |           |        |
| Gluconacetobacter saccharivorans → Komagataeibacter saccharivorans   |              |           |        |
| Gluconacetobacter sucrofermentans (Acetobacter xylinus subsp. sucrofermentans, Gluconacetobacter xylinus subsp. sucrofermentans) → Komagataeibacter sucrofermentans                      |              |           |        |
| Gluconacetobacter swingsii → Komagataeibacter swingsii   |              |           |        |
| Gluconacetobacter takamatsuzukensis  | 1            |           |        |
| Gluconacetobacter tumulicola   | 1            |           |        |
| Gluconacetobacter tumulisoli   | 1            |           |        |
| Gluconacetobacter xylinus (Acetobacter aceti subsp. xylinus, Acetobacter xylinus subsp. xylinus, Gluconacetobacter xylinus subsp. xylinus) → Komagataeibacter xylinus                    |              |           |        |
| Gluconacetobacter xylinus subsp. sucrofermentans (Acetobacter xylinus subsp. sucrofermentans) → Komagataeibacter sucrofermentans   |              |           |        |
| Gluconacetobacter xylinus subsp. xylinus (Acetobacter aceti subsp. xylinus, Acetobacter xylinus subsp. xylinus) → Komagataeibacter xylinus   |              |           |        |
| <b>Gluconobacter</b>   |              |           |        |
| Gluconobacter albidus  | 1            |           |        |
| Gluconobacter asaii – synonym: Gluconobacter cerinus   |              |           |        |
| Gluconobacter cerevisiae   | 1            |           |        |
| Gluconobacter cerinus  | 1            |           |        |
| Gluconobacter frateurii  | 1            |           |        |
| Gluconobacter japonicus  | 1            |           |        |
| Gluconobacter kanchanaburiensis  | 1            |           |        |
| Gluconobacter kondonii   | 1            |           |        |
| Gluconobacter nephelii – synonym: Gluconobacter japonicus  |              |           | Umb.   |
| Gluconobacter oxydans (Gluconobacter oxydans subsp. oxydans, Gluconobacter oxydans subsp. industrius, Gluconobacter oxydans subsp. melanogenes, Gluconobacter oxydans subsp. suboxydans) | 1            |           | Umb.   |
| Gluconobacter oxydans subsp. industrius – synonym: Gluconobacter oxydans   |              |           | Umb.   |
| Gluconobacter oxydans subsp. melanogenes – synonym: Gluconobacter oxydans  |              |           | Umb.   |
| Gluconobacter oxydans subsp. oxydans → Gluconobacter oxydans   |              |           | Umb.   |
| Gluconobacter oxydans subsp. suboxydans - synonym: Gluconobacter oxydans   |              |           | Umb.   |
| Gluconobacter roseus   | 1            |           |        |

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|--|--------------|-----------|--------|
| <i>Gluconobacter sphaericus</i> ( <i>Gluconobacter oxydans</i> subsp. <i>sphaericus</i> )                                | 1            |           |        |
| <i>Gluconobacter thailandicus</i>  | 1            |           |        |
| <i>Gluconobacter uchimurae</i> – synonym: <i>Gluconobacter oxydans</i>   |              |           | Umb.   |
| <i>Gluconobacter wancherniae</i>   | 1            |           |        |
| <b>Glutamicibacter</b>   |              |           |        |
| <i>Glutamicibacter ardleyensis</i> ( <i>Arthrobacter ardleyensis</i> )   | 1            |           | Umb.   |
| <i>Glutamicibacter arilaitensis</i> ( <i>Arthrobacter arilaitensis</i> )   | 1            |           | Umb.   |
| <i>Glutamicibacter bergerei</i> ( <i>Arthrobacter bergerei</i> )   | 1            |           | Umb.   |
| <i>Glutamicibacter creatinolyticus</i> ( <i>Arthrobacter creatinolyticus</i> )   | 1            |           | Umb.   |
| <i>Glutamicibacter halophytocola</i>   | 1            |           | neu    |
| <i>Glutamicibacter mysorens</i> ( <i>Arthrobacter mysorens</i> )   | 1            |           | Umb.   |
| <i>Glutamicibacter nicotianae</i> ( <i>Arthrobacter nicotianae</i> )   | 1            |           | Umb.   |
| <i>Glutamicibacter protophormiae</i> ( <i>Arthrobacter protophormiae</i> , <i>Brevibacterium protophormiae</i> )         | 1            |           | Umb.   |
| <i>Glutamicibacter soli</i> ( <i>Arthrobacter soli</i> )   | 1            |           | Umb.   |
| <i>Glutamicibacter uratoxydans</i> ( <i>Arthrobacter uratoxydans</i> )   | 1            |           | Umb.   |
| <b>Glycocaulis</b>   |              |           |        |
| <i>Glycocaulis abyssii</i>   | 1            |           |        |
| <i>Glycocaulis albus</i>   | 1            |           | neu    |
| <i>Glycocaulis alkaliphilus</i>  | 1            |           | neu    |
| <b>Glycomyces</b>  |              |           |        |
| <i>Glycomyces albus</i>  | 1            |           | neu    |
| <i>Glycomyces algeriensis</i>  | 1            |           |        |
| <i>Glycomyces arizonensis</i>  | 1            |           |        |
| <i>Glycomyces artemisiae</i>   | 1            |           | neu    |
| <i>Glycomyces endophyticus</i>   | 1            |           |        |
| <i>Glycomyces fuscus</i>   | 1            |           | neu    |
| <i>Glycomyces halotolerans</i>   | 1            |           |        |
| <i>Glycomyces harbinensis</i>  | 1            |           |        |
| <i>Glycomyces lacisalsi</i>  | 1            |           | neu    |
| <i>Glycomyces lechevalierae</i>  | 1            |           |        |
| <i>Glycomyces mayteni</i>  | 1            |           |        |
| <i>Glycomyces phytohabitans</i>  | 1            |           | neu    |
| <i>Glycomyces rhizosphaerae</i>  | 1            |           | neu    |
| <i>Glycomyces rutgersensis</i>   | 1            |           |        |
| <i>Glycomyces sambucus</i>   | 1            |           |        |
| <i>Glycomyces scopariae</i>  | 1            |           |        |
| <i>Glycomyces tarimensis</i>   | 1            |           | neu    |
| <i>Glycomyces tenuis</i>   | 1            |           |        |
| <b>Goodfellowiella</b>   |              |           |        |
| <i>Goodfellowiella coeruleoviolacea</i> ( <i>Saccharothrix coeruleoviolacea</i> , <i>Actinomadura coeruleoviolacea</i> ) | 1            |           |        |

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| <b>Gordonia</b>                                       |              |           |        |
| Gordonia aichiensis (Rhodococcus aichiensis)          | 2            |           |        |
| Gordonia alkaliphila                                  | 1            |           |        |
| Gordonia alkanivorans                                 | 1            |           |        |
| Gordonia amarae (Nocardia amarae)                     | 1            |           |        |
| Gordonia amicalis                                     | 1            |           |        |
| Gordonia araii  | 1            | +         |        |
| Gordonia bronchialis (Rhodococcus bronchialis)        | 2            |           |        |
| Gordonia caeni  | 1            |           |        |
| Gordonia cholesterolivorans                           | 1            |           |        |
| Gordonia defluvii                                     | 1            |           |        |
| Gordonia desulfuricans                                | 1            |           |        |
| Gordonia didemni                                      | 1            |           | neu    |
| Gordonia effusa                                       | 1            | +         |        |
| Gordonia hankookensis                                 | 1            |           |        |
| Gordonia hirsuta                                      | 1            |           |        |
| Gordonia hongkongensis                                | 1            | +         | neu    |
| Gordonia humi   | 1            |           |        |
| Gordonia hydrophobica                                 | 1            |           |        |
| Gordonia iterans                                      | 1            | +         | neu    |
| Gordonia jinhuensis                                   | 1            |           | neu    |
| Gordonia kroppenstedtii                               | 1            |           |        |
| Gordonia lacunae                                      | 1            |           | neu    |
| Gordonia malaquae                                     | 1            |           |        |
| Gordonia namibiensis                                  | 1            |           |        |
| Gordonia neofelifaecis                                | 1            |           |        |
| Gordonia nitida – synonym: Gordonia alkanivorans      |              |           |        |
| Gordonia otitidis                                     | 2            |           |        |
| Gordonia paraffinivorans                              | 1            |           |        |
| Gordonia phosphorivorans                              | 1            |           |        |
| Gordonia phthalatica                                  | 1            |           | neu    |
| Gordonia polyisoprenivorans                           | 1            |           |        |
| Gordonia rhizosphaera                                 | 1            |           |        |
| Gordonia rubripertincta (Rhodococcus rubropertinctus) | 1            |           |        |
| Gordonia shandongensis                                | 1            |           |        |
| Gordonia sihwensis                                    | 1            |           |        |
| Gordonia sinesedis                                    | 1            |           |        |
| Gordonia soli   | 1            |           |        |
| Gordonia sputi (Rhodococcus sputi)                    | 2            |           |        |
| Gordonia terrae (Rhodococcus terrae)                  | 2            |           |        |
| Gordonia westfalica                                   | 1            |           |        |
| <b>Gordonibacter</b>                                  |              |           |        |
| Gordonibacter faecihominis                            | 1            |           | neu    |
| Gordonibacter pamelaee                                | 1            | +         |        |
| Gordonibacter urolithinifaciens                       | 1            |           | neu    |

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|---|--------------|-----------|--------|
| <b>Gorillibacterium</b>                               |              |           |        |
| Gorillibacterium massiliense                          | 1            |           | neu    |
| <b>Gottschalkia</b>                                   |              |           |        |
| Gottschalkia acidurici (Clostridium acidurici)        | 1            |           | Umb.   |
| Gottschalkia purinilytica (Clostridium purinilyticum) | 1            |           | Umb.   |
| <b>Gracilibacillus</b>                                |              |           |        |
| Gracilibacillus alcaliphilus                          | 1            |           | neu    |
| Gracilibacillus bigeumensis                           | 1            |           |        |
| Gracilibacillus boracitolerans                        | 1            |           |        |
| Gracilibacillus dipsosauri (Bacillus dipsosauri)      | 1            |           |        |
| Gracilibacillus halophilus                            | 1            |           |        |
| Gracilibacillus halotolerans                          | 1            |           |        |
| Gracilibacillus kekensis                              | 1            |           |        |
| Gracilibacillus lacisalsi                             | 1            |           |        |
| Gracilibacillus massiliensis                          | 1            |           | neu    |
| Gracilibacillus orientalis                            | 1            |           |        |
| Gracilibacillus saliphilus                            | 1            |           |        |
| Gracilibacillus thailandensis                         | 1            |           |        |
| Gracilibacillus ureilyticus                           | 1            |           |        |
| <b>Gracilibacter</b>                                  |              |           |        |
| Gracilibacter thermotolerans                          | 1            |           |        |
| <b>Gracilimonas</b>                                   |              |           |        |
| Gracilimonas halophila                                | 1            |           | neu    |
| Gracilimonas mengyeensis                              | 1            |           |        |
| Gracilimonas rosea                                    | 1            |           |        |
| Gracilimonas tropica                                  | 1            |           |        |
| <b>Grahamella → Bartonella</b>                        |              |           |        |
| Grahamella peromysci → Bartonella peromysci           |              |           |        |
| Grahamella talpae → Bartonella talpae                 |              |           |        |
| <b>Gramella</b>                                       |              |           |        |
| Gramella aestuarii                                    | 1            |           |        |
| Gramella aestuariivivens                              | 1            |           | neu    |
| Gramella antarctica                                   | 1            |           | neu    |
| Gramella aquimixticola                                | 1            |           | neu    |
| Gramella echinicola                                   | 1            |           |        |
| Gramella flava  | 1            |           |        |
| Gramella forsetii                                     | 1            |           | neu    |
| Gramella gaetbulicola                                 | 1            |           |        |
| Gramella lutea  | 1            |           | neu    |
| Gramella marina                                       | 1            |           |        |
| Gramella oceani                                       | 1            |           | neu    |
| Gramella planctonica                                  | 1            |           | neu    |
| Gramella portivictoriae                               | 1            |           |        |
| Gramella sediminilitoris                              | 1            |           | neu    |
| <b>Granulibacter</b>                                  |              |           |        |
| Granulibacter thesedensis                             | 1            | +         |        |

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|--|--------------|-----------|--------------|
| <b>Granulicatella</b>  |              |           |              |
| Granulicatella adiacens (Streptococcus adiacens, Abiotrophia adiacens)       | 2            |           |              |
| Granulicatella balaenopterae (Abiotrophia balaenopterae)                     | 1            | t+        | Einst., Umb. |
| Granulicatella elegans (Abiotrophia elegans)                                 | 2            |           |              |
| <b>Granulicella</b>  |              |           |              |
| Granulicella acidiphila  | 1            |           | neu          |
| Granulicella aggregans   | 1            |           |              |
| Granulicella arctica   | 1            |           |              |
| Granulicella cerasi  | 1            |           | neu          |
| Granulicella mallensis   | 1            |           |              |
| Granulicella paludicola  | 1            |           |              |
| Granulicella pectinivorans   | 1            |           |              |
| Granulicella rosea   | 1            |           |              |
| Granulicella sapmiensis  | 1            |           |              |
| Granulicella tundricola  | 1            |           |              |
| <b>Granulicoccus</b>   |              |           |              |
| Granulicoccus phenolivorans  | 1            |           |              |
| <b>Granulosicoccus</b>   |              |           |              |
| Granulosicoccus antarcticus  | 1            |           |              |
| Granulosicoccus coccoides  | 1            |           |              |
| Granulosicoccus marinus  | 1            |           | neu          |
| Granulosicoccus undariae   | 1            |           | neu          |
| <b>Grimontia</b>   |              |           |              |
| Grimontia celer  | 1            |           | neu          |
| Grimontia hollisae (Vibrio hollisae)   | 2            | Z         |              |
| Grimontia marina   | 1            |           |              |
| <b>Gryllotalpicola</b>   |              |           |              |
| Gryllotalpicola daejeonensis   | 1            |           |              |
| Gryllotalpicola ginsengisoli (Curtobacterium ginsengisoli)                   | 1            |           |              |
| Gryllotalpicola koreensis  | 1            |           |              |
| Gryllotalpicola kribbensis   | 1            |           |              |
| Gryllotalpicola reticulitermitis   | 1            |           | neu          |
| Gryllotalpicola soli   | 1            |           | neu          |
| <b>Guggenheimella</b>  |              |           |              |
| Guggenheimella bovis   | 2            | t         |              |
| <b>Gulbenkiania</b>  |              |           |              |
| Gulbenkiania indica  | 1            |           |              |
| Gulbenkiania mobilis   | 1            |           |              |
| <b>Gulosibacter</b>  |              |           |              |
| Gulosibacter chungangensis   | 1            |           |              |
| Gulosibacter molinativorax   | 1            |           |              |
| <b>Guyarkeria</b>  |              |           |              |
| Guyarkeria halophila (Halothiobacillus halo-philus, Thiobacillus halophilus) | 1            |           | Umb.         |

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| Guyparkeria hydrothermalis (Halothiobacillus hydrothermalis, Thiobacillus hydrothermalis)   | 1            |           | Umb.   |
| <b>Gynuella</b>   |              |           |        |
| Gynuella sunshinyii   | 1            |           | neu    |
| <b>Haematobacter</b>  |              |           |        |
| Haematobacter massiliensis (Rhodobacter massiliensis)                                       | 1            | +         |        |
| Haematobacter missouriensis   | 1            | +         |        |
| <b>HaematOMICROBIUM</b>   |              |           |        |
| HaematOMICROBIUM sanguinis (Arthrobacter sanguinis)   | 1            | +         | Umb.   |
| <b>HaematOSPIRILLUM</b>   |              |           |        |
| HaematOSPIRILLUM jordaniae  | 1            | +         | neu    |
| <b>HaemOBARTONELLA</b>  |              |           |        |
| HaemOBARTONELLA canis   | 2            | t         |        |
| HaemOBARTONELLA felis → Mycoplasma haemofelis   |              |           |        |
| HaemOBARTONELLA muris → Mycoplasma haemomuris   |              |           |        |
| <b>Haemophilus</b>  |              |           |        |
| Haemophilus actinomycetemcomitans → Aggregatibacter actinomycetemcomitans                   |              |           |        |
| Haemophilus aegyptius   | 2            |           |        |
| Haemophilus aphrophilus → Aggregatibacter aphrophilus                                       |              |           |        |
| Haemophilus avium → Avibacterium avium  |              |           |        |
| Haemophilus ducreyi   | 2            |           |        |
| Haemophilus equigenitalis → Taylorella equigenitalis  |              |           |        |
| Haemophilus felis   | 2            | t         |        |
| Haemophilus haemoglobinophilus  | 2            |           |        |
| Haemophilus haemolyticus  | 1            | +         |        |
| Haemophilus influenzae  | 2            | V         | Bem.   |
| Haemophilus massiliensis  | 1            | +         | neu    |
| Haemophilus paracuniculus   | 2            | t         |        |
| Haemophilus paragallinarum → Avibacterium paragallinarum                                    |              |           |        |
| Haemophilus parahaemolyticus  | 2            |           |        |
| Haemophilus parainfluenzae  | 2            |           |        |
| Haemophilus paraphrohaemolyticus  | 2            |           |        |
| Haemophilus paraphrophilus – synonym: Haemophilus aphrophilus → Aggregatibacter aphrophilus |              |           |        |
| Haemophilus parasuis  | 2            | t         |        |
| Haemophilus piscium   | 2            | t         |        |
| Haemophilus pittmaniae  | 2            |           |        |
| Haemophilus pleuropneumoniae → Actinobacillus pleuropneumoniae                              |              |           |        |
| Haemophilus segnis → Aggregatibacter segnis   |              |           |        |
| Haemophilus sputorum  | 2            |           |        |
| Haemophilus vaginalis → Gardnerella vaginalis   |              |           |        |

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|--|--------------|-----------|--------|
| <b>Hafnia</b>  |              |           |        |
| <i>Hafnia alvei</i>  | 2            | TA, ht    |        |
| <i>Hafnia paralvei</i>   | 2            | ht        |        |
| <i>Hafnia psychrotolerans</i>  | 1            |           | neu    |
| <b>Hahella</b>   |              |           |        |
| <i>Hahella antarctica</i> → <i>Allohahella antarctica</i>  |              |           | Umb.   |
| <i>Hahella chejuensis</i>  | 1            |           |        |
| <i>Hahella ganghwensis</i>   | 1            |           |        |
| <b>Haladaptatus</b>  |              |           |        |
| <i>Haladaptatus cibarius</i>   | 1            |           |        |
| <i>Haladaptatus litoreus</i>   | 1            |           |        |
| <i>Haladaptatus pallidirubidus</i>   | 1            |           | neu    |
| <i>Haladaptatus paucihalophilus</i>  | 1            |           |        |
| <b>Halalkalibacillus</b>   |              |           |        |
| <i>Halalkalibacillus halophilus</i>  | 1            |           |        |
| <b>Halalkalicoccus</b>   |              |           |        |
| <i>Halalkalicoccus jeotgali</i>  | 1            |           |        |
| <i>Halalkalicoccus paucihalophilus</i>   | 1            |           |        |
| <i>Halalkalicoccus tibetensis</i>  | 1            |           |        |
| <b>Halanaeroarchaeum</b>   |              |           |        |
| <i>Halanaeroarchaeum sulfurireducens</i>   | 1            |           | neu    |
| <b>Halanaerobacter</b>   |              |           |        |
| <i>Halanaerobacter chitinivorans</i>   | 1            |           |        |
| <i>Halanaerobacter jeridensis</i>  | 1            |           |        |
| <i>Halanaerobacter lacunarum</i> ( <i>Halobacteroides lacunarum</i> )  | 1            |           |        |
| <i>Halanaerobacter salinarius</i>  | 1            |           |        |
| <b>Halanaerobaculum</b>  |              |           |        |
| <i>Halanaerobaculum tunisiense</i>   | 1            |           |        |
| <b>Halanaerobium</b>   |              |           |        |
| <i>Halanaerobium acetethylicum</i> ( <i>Halobacteroides acetoethylicus</i> )   | 1            |           |        |
| <i>Halanaerobium alcaliphilum</i>  | 1            |           |        |
| <i>Halanaerobium congolense</i>  | 1            |           |        |
| <i>Halanaerobium fermentans</i>  | 1            |           |        |
| <i>Halanaerobium kushneri</i>  | 1            |           |        |
| <i>Halanaerobium lacusrosei</i>  | 1            |           |        |
| <i>Halanaerobium praevalens</i>  | 1            |           |        |
| <i>Halanaerobium saccharolyticum</i> subsp. <i>saccharolyticum</i> ( <i>Haloincola saccharolyticus</i> subsp. <i>saccharolyticus</i> ) | 1            |           |        |
| <i>Halanaerobium saccharolyticum</i> subsp. <i>senegalensis</i> ( <i>Haloincola saccharolyticus</i> subsp. <i>senegalensis</i> )       | 1            |           |        |
| <i>Halanaerobium salsuginis</i>  | 1            |           |        |
| <i>Halanaerobium sehlinense</i>  | 1            |           |        |
| <b>Halapricum</b>  |              |           |        |
| <i>Halapricum salinum</i>  | 1            |           | neu    |

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|---|--------------|-----------|--------|
| <b>Halarchaeum</b>  |              |           |        |
| <i>Halarchaeum acidiphilum</i>                              | 1            |           |        |
| <i>Halarchaeum grantii</i>                                  | 1            |           | neu    |
| <i>Halarchaeum nitratireducens</i>                          | 1            |           |        |
| <i>Halarchaeum rubridurum</i>                               | 1            |           |        |
| <i>Halarchaeum solikamskense</i>                            | 1            |           |        |
| <b>Halarsenatibacter</b>                                    |              |           |        |
| <i>Halarsenatibacter silvermanii</i>                        | 1            |           |        |
| <b>Haliangium</b>   |              |           |        |
| <i>Haliangium ochraceum</i>                                 | 1            |           |        |
| <i>Haliangium tepidum</i>                                   | 1            |           |        |
| <b>Haliea</b>   |              |           |        |
| <i>Haliea atlantica</i>                                     | 1            |           | neu    |
| <i>Haliea mediterranea</i> → <i>Parahaliea mediterranea</i> |              |           | Umb.   |
| <i>Haliea rubra</i> → <i>Pseudohaliea rubra</i>             |              |           |        |
| <i>Haliea salexigens</i>                                    | 1            |           |        |
| <b>Halioglobus</b>  |              |           |        |
| <i>Halioglobus japonicus</i>                                | 1            |           |        |
| <i>Halioglobus pacificus</i>                                | 1            |           |        |
| <b>Haliscomenobacter</b>                                    |              |           |        |
| <i>Haliscomenobacter hydrossis</i>                          | 1            |           |        |
| <b>Hallella</b>   |              |           |        |
| <i>Hallella sergens</i>                                     | 2            |           |        |
| <b>Haloactinobacterium</b>                                  |              |           |        |
| <i>Haloactinobacterium album</i>                            | 1            |           |        |
| <b>Haloactinomyces</b>                                      |              |           |        |
| <i>Haloactinomyces albus</i>                                | 1            |           | neu    |
| <b>Haloactinopolyspora</b>                                  |              |           |        |
| <i>Haloactinopolyspora alba</i>                             | 1            |           |        |
| <i>Haloactinopolyspora alkaliphila</i>                      | 1            |           |        |
| <b>Haloactinospora</b>                                      |              |           |        |
| <i>Haloactinospora alba</i>                                 | 1            |           |        |
| <b>Haloarchaeobius</b>                                      |              |           |        |
| <i>Haloarchaeobius amylolyticus</i>                         | 1            |           | neu    |
| <i>Haloarchaeobius baliensis</i>                            | 1            |           | neu    |
| <i>Haloarchaeobius iranensis</i>                            | 1            |           |        |
| <i>Haloarchaeobius litoreus</i>                             | 1            |           | neu    |
| <i>Haloarchaeobius salinus</i>                              | 1            |           | neu    |
| <b>Haloarchaeum</b>   |              |           |        |
| <i>Haloarchaeum salinum</i>                                 | 1            |           |        |
| <b>Haloarcula</b>   |              |           |        |
| <i>Haloarcula amylolytica</i>                               | 1            |           |        |
| <i>Haloarcula argentinensis</i>                             | 1            |           |        |
| <i>Haloarcula hispanica</i>                                 | 1            |           |        |
| <i>Haloarcula japonica</i>                                  | 1            |           |        |
| <i>Haloarcula marismortui</i>                               | 1            |           |        |



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|---|--------------|-----------|--------|
| <i>Haloarcula mukohataei</i> → <i>Halomicrobium mukohataei</i>        |              |           |        |
| <i>Haloarcula quadrata</i>  | 1            |           |        |
| <i>Haloarcula salaria</i>   | 1            |           |        |
| <i>Haloarcula tradensis</i>   | 1            |           |        |
| <i>Haloarcula vallismortis</i> ( <i>Halobacterium vallismortis</i> )  | 1            |           |        |
| <b>Halobacillus</b>   |              |           |        |
| <i>Halobacillus aitingensis</i>                                       | 1            |           |        |
| <i>Halobacillus alkaliphilus</i>                                      | 1            |           |        |
| <i>Halobacillus andaensis</i>   | 1            |           | neu    |
| <i>Halobacillus campisalis</i>  | 1            |           |        |
| <i>Halobacillus dabanensis</i>  | 1            |           |        |
| <i>Halobacillus faecis</i>  | 1            |           |        |
| <i>Halobacillus halophilus</i> ( <i>Sporosarcina halophila</i> )      | 1            |           |        |
| <i>Halobacillus karajensis</i>  | 1            |           |        |
| <i>Halobacillus kuroshimensis</i>                                     | 1            |           |        |
| <i>Halobacillus litoralis</i>   | 1            |           |        |
| <i>Halobacillus locisalis</i>   | 1            |           |        |
| <i>Halobacillus mangrovi</i>  | 1            |           |        |
| <i>Halobacillus naozhouensis</i>                                      | 1            |           |        |
| <i>Halobacillus profundus</i>   | 1            |           |        |
| <i>Halobacillus salicampi</i>   | 1            |           | neu    |
| <i>Halobacillus salinus</i>   | 1            |           |        |
| <i>Halobacillus salsuginis</i>  | 1            |           |        |
| <i>Halobacillus sediminis</i>   | 1            |           | neu    |
| <i>Halobacillus seohaensis</i>  | 1            |           |        |
| <i>Halobacillus trueperi</i>  | 1            |           |        |
| <i>Halobacillus yeomjeoni</i>   | 1            |           |        |
| <b>Halobacteriovorax</b>  |              |           |        |
| <i>Halobacteriovorax litoralis</i> ( <i>Bacteriovorax litoralis</i> ) | 1            |           | Umb.   |
| <i>Halobacteriovorax marinus</i> ( <i>Bacteriovorax marinus</i> )     | 1            |           | Umb.   |
| <b>Halobacterium</b>  |              |           |        |
| <i>Halobacterium cutirubrum</i>                                       | 1            |           |        |
| <i>Halobacterium denitrificans</i> → <i>Haloferax denitrificans</i>   |              |           |        |
| <i>Halobacterium distributum</i> → <i>Halorubrum distributum</i>      |              |           |        |
| <i>Halobacterium halobium</i>   | 1            |           |        |
| <i>Halobacterium jilantaiense</i>                                     | 1            |           |        |
| <i>Halobacterium lacusprofundi</i> → <i>Halorubrum lacusprofundi</i>  |              |           |        |
| <i>Halobacterium litoreum</i>   | 1            |           | neu    |
| <i>Halobacterium mediterranei</i> → <i>Haloferax mediterranei</i>     |              |           |        |
| <i>Halobacterium noricense</i>  | 1            |           |        |
| <i>Halobacterium pharaonis</i> → <i>Natronomonas pharaonis</i>        |              |           |        |

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|--|--------------|-----------|--------|
| <i>Halobacterium piscisalsi</i> – synonym: <i>Halobacterium salinarum</i>      |              |           |        |
| <i>Halobacterium rubrum</i>  | 1            |           | neu    |
| <i>Halobacterium saccharovorum</i> → <i>Halorubrum saccharovorum</i>           |              |           |        |
| <i>Halobacterium salinarum</i>   | 1            |           |        |
| <i>Halobacterium sodomense</i> → <i>Halorubrum sodomense</i>                   |              |           |        |
| <i>Halobacterium trapanicum</i> → <i>Halorubrum trapanicum</i>                 |              |           |        |
| <i>Halobacterium vallismortis</i> → <i>Haloarcula vallismortis</i>             |              |           |        |
| <i>Halobacterium volcanii</i> → <i>Haloferax volcanii</i>                      |              |           |        |
| <b>Halobacteroides</b>   |              |           |        |
| <i>Halobacteroides acetoethylicus</i> → <i>Halanaerobium acetethylicum</i>     |              |           |        |
| <i>Halobacteroides elegans</i>   | 1            |           |        |
| <i>Halobacteroides halobius</i>  | 1            |           |        |
| <i>Halobacteroides lacunaris</i> → <i>Halanaerobacter lacunarium</i>           |              |           |        |
| <b>Halobaculum</b>   |              |           |        |
| <i>Halobaculum gomorrense</i>  | 1            |           |        |
| <i>Halobaculum magnesiophilum</i>  | 1            |           |        |
| <i>Halobaculum roseum</i>  | 1            |           | neu    |
| <b>Halobellus</b>  |              |           |        |
| <i>Halobellus clavatus</i>   | 1            |           |        |
| <i>Halobellus inordinatus</i>  | 1            |           |        |
| <i>Halobellus limi</i>   | 1            |           |        |
| <i>Halobellus litoreus</i>   | 1            |           |        |
| <i>Halobellus ramosii</i>  | 1            |           | neu    |
| <i>Halobellus rarus</i>  | 1            |           |        |
| <i>Halobellus rufus</i>  | 1            |           | neu    |
| <i>Halobellus salinus</i>  | 1            |           |        |
| <b>Halobiforma</b>   |              |           |        |
| <i>Halobiforma haloterrestis</i>   | 1            |           |        |
| <i>Halobiforma lacisalsi</i>   | 1            |           |        |
| <i>Halobiforma nitratireducens</i> ( <i>Natronobacterium nitratireducens</i> ) | 1            |           |        |
| <b>Halobium</b>  |              |           |        |
| <i>Halobium palmae</i>   | 1            |           | neu    |
| <b>Halocalculus</b>  |              |           |        |
| <i>Halocalculus aciditolerans</i>  | 1            |           | neu    |
| <b>Halocella</b>   |              |           |        |
| <i>Halocella cellulositytica</i>   | 1            |           |        |
| <b>Halochromatium</b>  |              |           |        |
| <i>Halochromatium glycolicum</i> ( <i>Chromatium glycolicum</i> )              | 1            |           |        |
| <i>Halochromatium roseum</i>   | 1            |           |        |
| <i>Halochromatium salexigens</i> ( <i>Chromatium salexigens</i> )              | 1            |           |        |

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| <b>Halococcus</b>   |              |           |        |
| <i>Halococcus agarilyticus</i>  | 1            |           | neu    |
| <i>Halococcus dombrowskii</i>   | 1            |           |        |
| <i>Halococcus hamelinensis</i>  | 1            |           |        |
| <i>Halococcus morrhuae</i>  | 1            |           |        |
| <i>Halococcus qingdaonensis</i>   | 1            |           |        |
| <i>Halococcus saccharolyticus</i>   | 1            |           |        |
| <i>Halococcus salifodinae</i>   | 1            |           |        |
| <i>Halococcus sediminicola</i>  | 1            |           |        |
| <i>Halococcus thailandensis</i>   | 1            |           |        |
| <i>Halococcus turkmenicus</i> → <i>Haloterrigena turkmenica</i>   |              |           |        |
| <b>Halocynthiibacter</b>  |              |           |        |
| <i>Halocynthiibacter arcticus</i>   | 1            |           | neu    |
| <i>Halocynthiibacter namhaensis</i>   | 1            |           | neu    |
| <b>Halodesulfovibrio</b>  |              |           |        |
| <i>Halodesulfovibrio aestuarii</i> ( <i>Desulfovibrio desulfuricans</i> subsp. <i>aestuarii</i> )               | 1            |           | Umb.   |
| <i>Halodesulfovibrio marinisediminis</i> ( <i>Desulfovibrio marinisediminis</i> )                               | 1            |           | Umb.   |
| <i>Halodesulfovibrio oceani</i> subsp. <i>galataeae</i> ( <i>Desulfovibrio oceani</i> subsp. <i>galataeae</i> ) | 1            |           | Umb.   |
| <i>Halodesulfovibrio oceani</i> subsp. <i>oceani</i> ( <i>Desulfovibrio oceani</i> subsp. <i>oceani</i> )       | 1            |           | Umb.   |
| <i>Halodesulfovibrio spirochaetisodalis</i>   | 1            |           | neu    |
| <b>Halodesulfurarchaeum</b>   |              |           |        |
| <i>Halodesulfurarchaeum formicicum</i>  | 1            |           | neu    |
| <b>Halodurantibacterium</b>   |              |           |        |
| <i>Halodurantibacterium flavum</i>  | 1            |           | neu    |
| <b>Haloechothrix</b>  |              |           |        |
| <i>Haloechothrix alba</i>   | 1            |           |        |
| <b>Haloferax</b>  |              |           |        |
| <i>Haloferax alexandrinus</i>   | 1            |           |        |
| <i>Haloferax chudinovii</i>   | 1            |           |        |
| <i>Haloferax denitrificans</i> ( <i>Halobacterium denitrificans</i> )   | 1            |           |        |
| <i>Haloferax elongans</i>   | 1            |           |        |
| <i>Haloferax gibbonsii</i>  | 1            |           |        |
| <i>Haloferax larsenii</i>   | 1            |           |        |
| <i>Haloferax lucentense</i>   | 1            |           |        |
| <i>Haloferax mediterranei</i> ( <i>Halobacterium mediterranei</i> )   | 1            |           |        |
| <i>Haloferax mucosum</i>  | 1            |           |        |
| <i>Haloferax namakaokahaiaae</i>  | 1            |           | neu    |
| <i>Haloferax prahovense</i>   | 1            |           |        |
| <i>Haloferax sulfurifontis</i>  | 1            |           |        |
| <i>Haloferax volcanii</i> ( <i>Halobacterium volcanii</i> )   | 1            |           |        |
| <b>Haloferula</b>   |              |           |        |
| <i>Haloferula chungangensis</i>   | 1            |           |        |

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|---|--------------|-----------|--------|
| <i>Haloferula harenae</i>   | 1            |           |        |
| <i>Haloferula helveola</i>  | 1            |           |        |
| <i>Haloferula luteola</i>   | 1            |           |        |
| <i>Haloferula phyci</i>   | 1            |           |        |
| <i>Haloferula rosea</i>   | 1            |           |        |
| <i>Haloferula sargassicola</i>  | 1            |           |        |
| <b>Halofilum</b>  |              |           |        |
| <i>Halofilum ochraceum</i>  | 1            |           | neu    |
| <b>Halogeometricum</b>  |              |           |        |
| <i>Halogeometricum borinquense</i>  | 1            |           |        |
| <i>Halogeometricum limi (Halosarcina limi)</i>  | 1            |           |        |
| <i>Halogeometricum pallidum (Halosarcina pallida)</i>   | 1            |           |        |
| <i>Halogeometricum rufum</i>  | 1            |           |        |
| <b>Haloglycomyces</b>   |              |           |        |
| <i>Haloglycomyces albus</i>   | 1            |           |        |
| <b>Halogranum</b>   |              |           |        |
| <i>Halogranum amylolyticum</i>  | 1            |           |        |
| <i>Halogranum gelatinilyticum</i>   | 1            |           |        |
| <i>Halogranum rubrum</i>  | 1            |           |        |
| <i>Halogranum salarium</i>  | 1            |           |        |
| <b>Halohasta</b>  |              |           |        |
| <i>Halohasta litchfieldiae</i>  | 1            |           |        |
| <i>Halohasta litorea</i>  | 1            |           |        |
| <b>Haloimpatiens</b>  |              |           |        |
| <i>Haloimpatiens lingqiaonensis</i>   | 1            |           | neu    |
| <b>Haloicola</b>  |              |           |        |
| <i>Haloicola saccharolyticus</i> subsp. <i>saccharolyticus</i> → <i>Halanaerobium saccharolyticum</i> subsp. <i>saccharolyticum</i> |              |           |        |
| <i>Haloicola saccharolyticus</i> subsp. <i>senegalensis</i> → <i>Halanaerobium saccharolyticum</i> subsp. <i>senegalensis</i>       |              |           |        |
| <b>Halolactibacillus</b>  |              |           |        |
| <i>Halolactibacillus alkaliphilus</i>   | 1            |           |        |
| <i>Halolactibacillus halophilus</i>   | 1            |           |        |
| <i>Halolactibacillus miurensis</i>  | 1            |           |        |
| <b>Halolamina</b>   |              |           |        |
| <i>Halolamina litorea</i>   | 1            |           | neu    |
| <i>Halolamina pelagica</i>  | 1            |           |        |
| <i>Halolamina rubra</i>   | 1            |           | neu    |
| <i>Halolamina salifodinae</i>   | 1            |           |        |
| <i>Halolamina salina</i>  | 1            |           |        |
| <i>Halolamina sediminis</i>   | 1            |           | neu    |
| <b>Halomarina</b>   |              |           |        |
| <i>Halomarina oriensis</i>  | 1            |           |        |
| <i>Halomarina rubra</i>   | 1            |           | neu    |
| <i>Halomarina salina</i>  | 1            |           | neu    |

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|---|--------------|-----------|--------|
| <b>Halomethanococcus</b>  |              |           |        |
| <i>Halomethanococcus doii</i>   | 1            |           |        |
| <b>Halomicroarcula</b>  |              |           |        |
| <i>Halomicroarcula limicola</i>   | 1            |           |        |
| <i>Halomicroarcula pellucida</i>  | 1            |           |        |
| <i>Halomicroarcula salina</i>   | 1            |           | neu    |
| <b>Halomicrobium</b>  |              |           |        |
| <i>Halomicrobium katesii</i>  | 1            |           |        |
| <i>Halomicrobium mukohataei</i> ( <i>Haloarcula mukohataei</i> )                          | 1            |           |        |
| <i>Halomicrobium zhouii</i>   | 1            |           |        |
| <b>Halomonas</b>  |              |           |        |
| <i>Halomonas aestuarii</i>  | 1            |           | neu    |
| <i>Halomonas alimentaria</i>  | 1            |           |        |
| <i>Halomonas alkaliantarctica</i>   | 1            |           |        |
| <i>Halomonas alkalicola</i>   | 1            |           | neu    |
| <i>Halomonas alkaliphila</i>  | 1            |           |        |
| <i>Halomonas almeriensis</i>  | 1            |           |        |
| <i>Halomonas andesensis</i>   | 1            |           |        |
| <i>Halomonas anticariensis</i>  | 1            |           |        |
| <i>Halomonas aquamarina</i> ( <i>Alcaligenes aquamarinus</i> , <i>Deleya aquamarina</i> ) | 1            | n         |        |
| <i>Halomonas arcis</i>  | 1            |           |        |
| <i>Halomonas avicenniae</i> → <i>Kushneria avicenniae</i>                                 |              |           |        |
| <i>Halomonas axialensis</i>   | 1            |           |        |
| <i>Halomonas beimenensis</i>  | 1            |           |        |
| <i>Halomonas boliviensis</i>  | 1            |           |        |
| <i>Halomonas campaniensis</i>   | 1            |           |        |
| <i>Halomonas campisalis</i>   | 1            |           |        |
| <i>Halomonas canadensis</i> → <i>Chromohalobacter canadensis</i>                          |              |           |        |
| <i>Halomonas caseinilytica</i>  | 1            |           |        |
| <i>Halomonas cerina</i>   | 1            |           |        |
| <i>Halomonas cibimaris</i>  | 1            |           |        |
| <i>Halomonas cupida</i> ( <i>Alcaligenes cupidus</i> , <i>Deleya cupida</i> )             | 1            |           |        |
| <i>Halomonas daqiaonensis</i>   | 1            |           |        |
| <i>Halomonas daqingensis</i>  | 1            |           |        |
| <i>Halomonas denitrificans</i>  | 1            |           |        |
| <i>Halomonas desiderata</i>   | 1            |           |        |
| <i>Halomonas elongata</i>   | 1            |           |        |
| <i>Halomonas eurihalina</i> ( <i>Volcaniella eurihalina</i> )                             | 1            |           |        |
| <i>Halomonas flava</i>  | 1            |           |        |
| <i>Halomonas fontilapidosi</i>  | 1            |           |        |
| <i>Halomonas garicola</i>   | 1            |           | neu    |
| <i>Halomonas gomseomensis</i>   | 1            |           |        |
| <i>Halomonas gudaonensis</i>  | 1            |           |        |

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|--|--------------|-----------|--------|
| Halomonas halmophila (Flavobacterium halme-philum)           | 1            |           |        |
| Halomonas halocynthiae                                       | 1            |           |        |
| Halomonas halodenitrificans (Paracoccus halode-nitrificans)  | 1            |           |        |
| Halomonas halodurans – synonym: Cobetia ma-rina              |              |           |        |
| Halomonas halophila (Deleya halophila)                       | 1            |           |        |
| Halomonas hamiltonii   | 1            |           |        |
| Halomonas heilongjiangensis                                  | 1            |           | neu    |
| Halomonas huangheensis                                       | 1            |           |        |
| Halomonas hydrothermalis                                     | 1            |           |        |
| Halomonas illicicola   | 1            |           |        |
| Halomonas indalinina → Kushneria indalinina                  |              |           |        |
| Halomonas israelensis → Chromohalobacter isra-elensis        |              |           |        |
| Halomonas janggokensis                                       | 1            |           |        |
| Halomonas jeotgali   | 1            |           |        |
| Halomonas johnsoniae   | 1            |           |        |
| Halomonas kenyensis  | 1            |           |        |
| Halomonas koreensis  | 1            |           |        |
| Halomonas korlensis  | 1            |           |        |
| Halomonas kribbensis   | 1            |           |        |
| Halomonas lutea  | 1            |           |        |
| Halomonas lutescens  | 1            |           | neu    |
| Halomonas magadiensis  | 1            |           |        |
| Halomonas marina → Cobetia marina                            |              |           |        |
| Halomonas marisflavi → Kushneria marisflavi                  |              |           |        |
| Halomonas maura  | 1            |           |        |
| Halomonas meridiana  | 1            |           |        |
| Halomonas mongoliensis                                       | 1            |           |        |
| Halomonas muralis  | 1            |           |        |
| Halomonas nanhaiensis  | 1            |           |        |
| Halomonas neptunia   | 1            |           |        |
| Halomonas nigrificans  | 1            |           | neu    |
| Halomonas nitroreducens                                      | 1            |           |        |
| Halomonas olivaria   | 1            |           |        |
| Halomonas organivorans                                       | 1            |           |        |
| Halomonas pacifica (Alcaligenes pacificus, De-leya pacifica) | 1            |           |        |
| Halomonas pantelleriensis                                    | 1            |           |        |
| Halomonas qiaohouensis                                       | 1            |           | neu    |
| Halomonas qijiaojiangensis                                   | 1            |           |        |
| Halomonas ramblicola   | 1            |           |        |
| Halomonas rifensis   | 1            |           |        |
| Halomonas sabkhae  | 1            |           |        |
| Halomonas saccharevitans                                     | 1            |           |        |
| Halomonas salaria → Salinicola salarius                      |              |           |        |

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|--|--------------|-----------|--------|
| <i>Halomonas salicampi</i>   | 1            |           | neu    |
| <i>Halomonas salifodinae</i>   | 1            |           |        |
| <i>Halomonas salina</i> ( <i>Deleya salina</i> )                                 | 1            |           |        |
| <i>Halomonas sediminicola</i>  | 1            |           | neu    |
| <i>Halomonas shengliensis</i>  | 1            |           |        |
| <i>Halomonas sinaiensis</i> – synonym: <i>Halomonas caseinilytica</i>            |              |           | Umb.   |
| <i>Halomonas smyrnensis</i>  | 1            |           |        |
| <i>Halomonas songnenensis</i>  | 1            |           |        |
| <i>Halomonas stenophila</i>  | 1            |           |        |
| <i>Halomonas stevensii</i>   | 1            | +         |        |
| <i>Halomonas subglaciescola</i>  | 1            |           |        |
| <i>Halomonas subterranea</i>   | 1            |           |        |
| <i>Halomonas sulfidaeris</i>   | 1            |           |        |
| <i>Halomonas taeanensis</i>  | 1            |           |        |
| <i>Halomonas titanicae</i>   | 1            |           |        |
| <i>Halomonas urumqiensis</i>   | 1            |           | neu    |
| <i>Halomonas variabilis</i> ( <i>Halovibrio variabilis</i> )                     | 1            |           |        |
| <i>Halomonas ventosae</i>  | 1            |           |        |
| <i>Halomonas venusta</i> ( <i>Alcaligenes venustus</i> , <i>Deleya venusta</i> ) | 1            |           |        |
| <i>Halomonas vilamensis</i>  | 1            |           |        |
| <i>Halomonas xianhensis</i>  | 1            |           |        |
| <i>Halomonas xinjiangensis</i>   | 1            |           |        |
| <i>Halomonas zhanjiangensis</i>  | 1            |           |        |
| <i>Halomonas zincidurans</i>   | 1            |           |        |
| <b>Halonatronum</b>  |              |           |        |
| <i>Halonatronum saccharophilum</i>   | 1            |           |        |
| <b>Halonotius</b>  |              |           |        |
| <i>Halonotius pteroides</i>  | 1            |           |        |
| <b>Haloparvum</b>  |              |           |        |
| <i>Haloparvum alkalitolerans</i>   | 1            |           | neu    |
| <i>Haloparvum sedimenti</i>  | 1            |           | neu    |
| <b>Halopelagius</b>  |              |           |        |
| <i>Halopelagius fulvigenes</i>   | 1            |           |        |
| <i>Halopelagius inordinatus</i>  | 1            |           |        |
| <i>Halopelagius longus</i>   | 1            |           |        |
| <b>Halopenitus</b>   |              |           |        |
| <i>Halopenitus malekzadehii</i>  | 1            |           |        |
| <i>Halopenitus persicus</i>  | 1            |           |        |
| <i>Halopenitus salinus</i>   | 1            |           | neu    |
| <b>Halopeptonella</b>  |              |           |        |
| <i>Halopeptonella vilamensis</i>   | 1            |           | neu    |
| <b>Halopiger</b>   |              |           |        |
| <i>Halopiger aswanensis</i>  | 1            |           |        |
| <i>Halopiger djelfimassiliensis</i>  | 1            |           | neu    |
| <i>Halopiger goleamassiliensis</i>   | 1            |           | neu    |

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|--|--------------|-----------|--------|
| <i>Halopiger salifodinae</i>   | 1            |           |        |
| <i>Halopiger thermotolerans</i>  | 1            |           | neu    |
| <i>Halopiger xanaduensis</i>   | 1            |           |        |
| <b>Haloplanus</b>  |              |           |        |
| <i>Haloplanus aerogenes</i>  | 1            |           |        |
| <i>Haloplanus litoreus</i>   | 1            |           | neu    |
| <i>Haloplanus natans</i>   | 1            |           |        |
| <i>Haloplanus ruber</i>  | 1            |           | neu    |
| <i>Haloplanus salinarum</i>  | 1            |           | neu    |
| <i>Haloplanus salinus</i>  | 1            |           |        |
| <i>Haloplanus vescus</i>   | 1            |           |        |
| <b>Haloplasma</b>  |              |           |        |
| <i>Haloplasma contractile</i>  | 1            |           |        |
| <b>Halopolyspora</b>   |              |           |        |
| <i>Halopolyspora alba</i>  | 1            |           | neu    |
| <i>Halopolyspora algeriensis</i> (Mzabimyces algeriensis)                      | 1            |           | Umb.   |
| <b>Haloprofundus</b>   |              |           |        |
| <i>Haloprofundus marisrubri</i>  | 1            |           | neu    |
| <b>Haloquadratum</b>   |              |           |        |
| <i>Haloquadratum walsbyi</i>   | 1            |           |        |
| <b>Halorhabdus</b>   |              |           |        |
| <i>Halorhabdus rudnickae</i>   | 1            |           | neu    |
| <i>Halorhabdus tiamatea</i>  | 1            |           |        |
| <i>Halorhabdus utahensis</i>   | 1            |           |        |
| <b>Halorhodospira</b>  |              |           |        |
| <i>Halorhodospira abdelmalekii</i> (Ectothiorhodospira abdelmalekii)           | 1            |           |        |
| <i>Halorhodospira halochloris</i> (Ectothiorhodospira halochloris)             | 1            |           |        |
| <i>Halorhodospira halophila</i> (Ectothiorhodospira halophila)                 | 1            |           |        |
| <i>Halorhodospira neutriphila</i>  | 1            |           |        |
| <b>Halorientalis</b>   |              |           |        |
| <i>Halorientalis brevis</i>  | 1            |           | neu    |
| <i>Halorientalis persicus</i>  | 1            |           |        |
| <i>Halorientalis regularis</i>   | 1            |           |        |
| <b>Halorubellus</b>  |              |           |        |
| <i>Halorubellus litoreus</i>   | 1            |           |        |
| <i>Halorubellus salinus</i>  | 1            |           |        |
| <b>Halorubrobacterium</b>  |              |           |        |
| <i>Halorubrobacterium coriense</i> – synonym: <i>Halorubrum coriense</i>       |              |           |        |
| <i>Halorubrobacterium distributum</i> – synonym: <i>Halorubrum distributum</i> |              |           |        |
| <i>Halorubrobacterium lacusprofundi</i> = <i>Halorubrum lacusprofundi</i>      | 1            |           |        |
| <i>Halorubrobacterium saccharovororum</i> = <i>Halorubrum saccharovororum</i>  | 1            |           |        |



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| <i>Halorubrobacterium sodomense</i> = <i>Halorubrum sodomense</i>  | 1            |           |        |
| <b>Halorubrum</b>  |              |           |        |
| <i>Halorubrum aethiopicum</i>  | 1            |           | neu    |
| <i>Halorubrum aidingense</i>   | 1            |           |        |
| <i>Halorubrum alkaliphilum</i>   | 1            |           |        |
| <i>Halorubrum aquaticum</i>  | 1            |           |        |
| <i>Halorubrum arcis</i>  | 1            |           |        |
| <i>Halorubrum californiense</i>  | 1            |           |        |
| <i>Halorubrum chaoviator</i>   | 1            |           |        |
| <i>Halorubrum cibi</i>   | 1            |           |        |
| <i>Halorubrum coriense</i>   | 1            |           |        |
| <i>Halorubrum distributum</i> ( <i>Halobacterium distributum</i> , <i>Halorubrobacterium distributum</i> )       | 1            |           |        |
| <i>Halorubrum ejinorensense</i>  | 1            |           |        |
| <i>Halorubrum ezzemoulense</i>   | 1            |           |        |
| <i>Halorubrum gandharaense</i>   | 1            |           | neu    |
| <i>Halorubrum halodurans</i>   | 1            |           | neu    |
| <i>Halorubrum halophilum</i>   | 1            |           |        |
| <i>Halorubrum kocurii</i>  | 1            |           |        |
| <i>Halorubrum lacusprofundi</i> ( <i>Halobacterium lacusprofundi</i> ) = <i>Halorubrobacterium lacusprofundi</i> | 1            |           |        |
| <i>Halorubrum laminariae</i>   | 1            |           | neu    |
| <i>Halorubrum lipolyticum</i>  | 1            |           |        |
| <i>Halorubrum litoreum</i>   | 1            |           |        |
| <i>Halorubrum luteum</i>   | 1            |           |        |
| <i>Halorubrum orientale</i>  | 1            |           |        |
| <i>Halorubrum pallidum</i>   | 1            |           | neu    |
| <i>Halorubrum persicum</i>   | 1            |           | neu    |
| <i>Halorubrum rubrum</i>   | 1            |           |        |
| <i>Halorubrum rutilum</i>  | 1            |           | neu    |
| <i>Halorubrum saccharovorum</i> ( <i>Halobacterium saccharovorum</i> ) = <i>Halorubrobacterium saccharovorum</i> | 1            |           |        |
| <i>Halorubrum salinum</i>  | 1            |           | neu    |
| <i>Halorubrum sodomense</i> ( <i>Halobacterium sodomense</i> ) = <i>Halorubrobacterium sodomense</i>             | 1            |           |        |
| <i>Halorubrum tebenquichense</i>   | 1            |           |        |
| <i>Halorubrum terrestre</i>  | 1            |           |        |
| <i>Halorubrum tibetense</i>  | 1            |           |        |
| <i>Halorubrum trapanicum</i> ( <i>Halobacterium trapanicum</i> )   | 1            |           |        |
| <i>Halorubrum trueperi</i>   | 1            |           | neu    |
| <i>Halorubrum vacuolatum</i> ( <i>Natronobacterium vacuolatum</i> )  | 1            |           |        |
| <i>Halorubrum xinjiangense</i>   | 1            |           |        |
| <i>Halorubrum yunnanense</i>   | 1            |           | neu    |
| <b>Halorussus</b>  |              |           |        |
| <i>Halorussus amylolyticus</i>   | 1            |           | neu    |

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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| <i>Halorussus rarus</i>  | 1            |           |        |
| <i>Halorussus ruber</i>  | 1            |           | neu    |
| <i>Halorussus salinus</i>  | 1            |           | neu    |
| <b>Halosarcina</b> → <b>Halogeometricum</b>                                |              |           |        |
| <i>Halosarcina limi</i> → <i>Halogeometricum limi</i>                      |              |           |        |
| <i>Halosarcina pallida</i> → <i>Halogeometricum pallidum</i>               |              |           |        |
| <b>Halosiccatus</b>  |              |           |        |
| <i>Halosiccatus urmianus</i>   | 1            |           | neu    |
| <b>Halosimplex</b>   |              |           |        |
| <i>Halosimplex carlsbadense</i>  | 1            |           |        |
| <i>Halosimplex litoreum</i>  | 1            |           | neu    |
| <i>Halosimplex pelagicum</i>   | 1            |           |        |
| <i>Halosimplex rubrum</i>  | 1            |           |        |
| <b>Halospina</b>   |              |           |        |
| <i>Halospina denitrificans</i>   | 1            |           |        |
| <b>Halostagnicola</b>  |              |           |        |
| <i>Halostagnicola alkaliphila</i>  | 1            |           |        |
| <i>Halostagnicola bangensis</i>  | 1            |           | neu    |
| <i>Halostagnicola kamekurae</i>  | 1            |           |        |
| <i>Halostagnicola larsenii</i>   | 1            |           |        |
| <b>Halostella</b>  |              |           |        |
| <i>Halostella salina</i>   | 1            |           | neu    |
| <b>Halotalea</b>   |              |           |        |
| <i>Halotalea alkalilenta</i>   | 1            |           |        |
| <b>Haloterrigena</b>   |              |           |        |
| <i>Haloterrigena daqingensis</i>   | 1            |           |        |
| <i>Haloterrigena hispanica</i>   | 1            |           |        |
| <i>Haloterrigena jeotgali</i>  | 1            |           |        |
| <i>Haloterrigena limicola</i>  | 1            |           |        |
| <i>Haloterrigena longa</i>   | 1            |           |        |
| <i>Haloterrigena mahii</i>   | 1            |           | neu    |
| <i>Haloterrigena saccharevitans</i>  | 1            |           |        |
| <i>Haloterrigena salina</i>  | 1            |           |        |
| <i>Haloterrigena thermotolerans</i>  | 1            |           |        |
| <i>Haloterrigena turkmenica</i> ( <i>Halococcus turkmenicus</i> )          | 1            |           |        |
| <b>Halothermothrix</b>   |              |           |        |
| <i>Halothermothrix orenii</i>  | 1            |           |        |
| <b>Halothiobacillus</b>  |              |           |        |
| <i>Halothiobacillus halophilus</i> → <i>Guyparkeria halophila</i>          |              |           | Umb.   |
| <i>Halothiobacillus hydrothermalis</i> → <i>Guyparkeria hydrothermalis</i> |              |           | Umb.   |
| <i>Halothiobacillus kellyi</i>   | 1            |           |        |
| <i>Halothiobacillus neapolitanus</i> ( <i>Thiobacillus neapolitanus</i> )  | 1            |           |        |
| <b>Halovarius</b>  |              |           |        |
| <i>Halovarius luteus</i>   | 1            |           | neu    |

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|--|--------------|-----------|------------|
| <b>Halovenus</b>   |              |           |            |
| <i>Halovenus aranensis</i>                                 | 1            |           |            |
| <i>Halovenus rubra</i>                                     | 1            |           | neu        |
| <i>Halovenus salina</i>                                    | 1            |           | neu        |
| <b>Halovibrio</b>  |              |           |            |
| <i>Halovibrio denitrificans</i>                            | 1            |           |            |
| <i>Halovibrio variabilis</i>                               | 1            |           |            |
| <b>Halovivax</b>   |              |           |            |
| <i>Halovivax asiaticus</i>                                 | 1            |           |            |
| <i>Halovivax cerinus</i>                                   | 1            |           | neu        |
| <i>Halovivax limisalsi</i>                                 | 1            |           | neu        |
| <i>Halovivax ruber</i>                                     | 1            |           |            |
| <b>Halovulum</b>   |              |           |            |
| <i>Halovulum dunhuangense</i>                              | 1            |           | neu        |
| <b>Hamadaea</b>  |              |           |            |
| <i>Hamadaea flava</i>                                      | 1            |           | neu        |
| <i>Hamadaea tsunoensis</i> (Catellatospora tsunoense)      | 1            |           |            |
| <b>Hansschlegelia</b>                                      |              |           |            |
| <i>Hansschlegelia beijingsis</i>                           | 1            |           |            |
| <i>Hansschlegelia plantiphila</i>                          | 1            |           |            |
| <i>Hansschlegelia zhihuaiae</i>                            | 1            |           |            |
| <b>Hanstruepera</b>  |              |           |            |
| <i>Hanstruepera neustonica</i>                             | 1            |           | neu        |
| <b>Haoranjiana</b>   |              |           |            |
| <i>Haoranjiana flava</i>                                   | 1            |           | neu        |
| <b>Haploangium</b>   |              |           |            |
| <i>Haploangium minus</i> (Polyangium minor)                | 1            |           |            |
| <i>Haploangium rugiseptum</i> (Polyangium rugiseptum)      | 1            |           |            |
| <b>Harryflintia</b>  |              |           |            |
| <i>Harryflintia acetispora</i>                             | 1            |           | neu        |
| <b>Hartmannibacter</b>                                     |              |           |            |
| <i>Hartmannibacter diazotrophicus</i>                      | 1            |           | neu        |
| <b>Hasllibacter</b>  |              |           |            |
| <i>Hasllibacter halocynthiae</i>                           | 1            |           |            |
| <b>Hathewayia</b>  |              |           |            |
| <i>Hathewayia histolytica</i> (Clostridium histolyticum)   | 2            |           | Umb.       |
| <i>Hathewayia limosa</i> (Clostridium limosum)             | 2            | ht        | Bem., Umb. |
| <i>Hathewayia proteolytica</i> (Clostridium proteolyticum) | 1            |           | Umb.       |
| <b>Hazenella</b>   |              |           |            |
| <i>Hazenella coriacea</i>                                  | 1            | +         |            |
| <b>Helcobacillus</b>                                       |              |           |            |
| <i>Helcobacillus massiliensis</i>                          | 1            | +         |            |
| <b>Helcococcus</b>   |              |           |            |
| <i>Helcococcus kunzii</i>                                  | 2            |           |            |
| <i>Helcococcus ovis</i>                                    | 2            | t         |            |

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|---|--------------|-----------|--------|
| <i>Helicococcus sueciensis</i>  | 1            | +         |        |
| <b>Helicobacter</b>   |              |           |        |
| <i>Helicobacter acinonychis</i>   | 2            | t         |        |
| <i>Helicobacter ailurogastricus</i>   | 1            | t+        | neu    |
| <i>Helicobacter anseris</i>   | 1            |           | neu    |
| <i>Helicobacter aurati</i>  | 2            | t         |        |
| <i>Helicobacter baculiformis</i>  | 1            | t+        | neu    |
| <i>Helicobacter bilis</i>   | 2            | t         |        |
| <i>Helicobacter bizzozeronii</i>  | 2            | ht        |        |
| <i>Helicobacter brantae</i>   | 1            |           | neu    |
| <i>Helicobacter canadensis</i>  | 2            | ht        |        |
| <i>Helicobacter canicola</i>  | 2            | t         | neu    |
| <i>Helicobacter canis</i>   | 2            | ht        |        |
| <i>Helicobacter cetorum</i>   | 2            | t         |        |
| <i>Helicobacter cholecystus</i>   | 2            | t         |        |
| <i>Helicobacter cinaedi</i> ( <i>Campylobacter cinaedi</i> )  | 2            | ht        |        |
| <i>Helicobacter cynogastricus</i>   | 1            | t+        | neu    |
| <i>Helicobacter equorum</i>   | 1            | ht+       | neu    |
| <i>Helicobacter felis</i>   | 2            | ht        |        |
| <i>Helicobacter fennelliae</i> ( <i>Campylobacter fennelliae</i> )  | 2            |           |        |
| <i>Helicobacter ganmani</i>   | 1            | ht+       | neu    |
| <i>Helicobacter heilmannii</i>  | 2            | ht        |        |
| <i>Helicobacter hepaticus</i>   | 2            | t         |        |
| <i>Helicobacter himalayensis</i>  | 2            | t         | neu    |
| <i>Helicobacter jaachi</i>  | 2            | t         | neu    |
| <i>Helicobacter japonicus</i>   | 1            | t+        | neu    |
| <i>Helicobacter macacae</i>   | 2            | t         |        |
| <i>Helicobacter marmotae</i>  | 2            | t         |        |
| <i>Helicobacter mastomyrinus</i>  | 1            | t+        |        |
| <i>Helicobacter mesocricetorum</i>  | 1            |           |        |
| <i>Helicobacter muridarum</i>   | 2            | t         |        |
| <i>Helicobacter mustelae</i> ( <i>Campylobacter pylori</i> subsp. <i>mustelae</i> , <i>Campylobacter mustelae</i> ) | 2            | t         |        |
| <i>Helicobacter nemestrinae</i> – synonym: <i>Helicobacter pylori</i>   |              |           |        |
| <i>Helicobacter pametensis</i>  | 1            |           |        |
| <i>Helicobacter pullorum</i>  | 2            | ht        |        |
| <i>Helicobacter pylori</i> ( <i>Campylobacter pylori</i> subsp. <i>pylori</i> , <i>Campylobacter pylori</i> )       | 2            |           |        |
| <i>Helicobacter rodentium</i>   | 2            | t         |        |
| <i>Helicobacter saguini</i>   | 2            | t         | neu    |
| <i>Helicobacter salomonis</i>   | 1            |           |        |
| <i>Helicobacter suis</i>  | 2            | Z         |        |
| <i>Helicobacter trogonum</i>  | 1            | t+        |        |
| <i>Helicobacter typhlonius</i>  | 2            |           |        |
| <i>Helicobacter valdiviensis</i>  | 1            | ht+       | neu    |
| <b>Heliimonas</b>   |              |           |        |

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|---|--------------|-----------|--------|
| Heliomonas saccharivorans   | 1            |           |        |
| <b>Heliobacillus</b>  |              |           |        |
| Heliobacillus mobilis   | 1            |           |        |
| <b>Heliobacterium</b>   |              |           |        |
| Heliobacterium chlorum  | 1            |           |        |
| Heliobacterium gestii   | 1            |           |        |
| Heliobacterium modesticaldum  | 1            |           |        |
| Heliobacterium sulfidophilum  | 1            |           |        |
| Heliobacterium undosum  | 1            |           |        |
| <b>Heliophilum</b>  |              |           |        |
| Heliophilum fasciatum   | 1            |           |        |
| <b>Heliorestis</b>  |              |           |        |
| Heliorestis baculata  | 1            |           |        |
| Heliorestis daurensis   | 1            |           |        |
| <b>Heliothrix</b>   |              |           |        |
| Heliothrix oregonensis  | 1            |           |        |
| <b>Hellea</b>   |              |           |        |
| Hellea balneolensis   | 1            |           |        |
| <b>Henriciella</b>  |              |           |        |
| Henriciella algicola  | 1            |           | neu    |
| Henriciella aquimarina (Maribaculum marinum)  | 1            |           |        |
| Henriciella barbarentis   | 1            |           | neu    |
| Henriciella litoralis   | 1            |           |        |
| Henriciella marina  | 1            |           |        |
| Henriciella pelagia   | 1            |           | neu    |
| <b>Hephaestia</b>   |              |           |        |
| Hephaestia caeni  | 1            |           |        |
| <b>Herbaspirillum</b>   |              |           |        |
| Herbaspirillum aquaticum  | 1            |           |        |
| Herbaspirillum aurantiacum → Noviherbaspirillum aurantiacum                                   |              |           |        |
| Herbaspirillum autotrophicum (Aquaspirillum autotrophicum)                                    | 1            |           |        |
| Herbaspirillum canariense → Noviherbaspirillum canariense                                     |              |           |        |
| Herbaspirillum chlorophenicum   | 1            |           |        |
| Herbaspirillum frisingense  | 1            |           |        |
| Herbaspirillum hiltneri   | 1            |           |        |
| Herbaspirillum huttiense (Pseudomonas huttiensis) → Herbaspirillum huttiense subsp. huttiense |              |           |        |
| Herbaspirillum huttiense subsp. huttiense (Herbaspirillum huttiense, Pseudomonas huttiensis)  | 1            |           |        |
| Herbaspirillum huttiense subsp. putei (Herbaspirillum putei)                                  | 1            |           |        |
| Herbaspirillum lusitanum  | 1            |           |        |
| Herbaspirillum massiliense → Noviherbaspirillum massiliense                                   |              |           | Umb.   |
| Herbaspirillum psychrotolerans → Noviherbaspirillum psychrotolerans                           |              |           |        |

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|--|--------------|-----------|--------|
| Herbaspirillum putei → Herbaspirillum huttiense subsp. putei   |              |           |        |
| Herbaspirillum rhizosphaerae                                   | 1            |           |        |
| Herbaspirillum rubrisubalbicans (Pseudomonas rubrisubalbicans) | 1            | p         |        |
| Herbaspirillum seropedicae                                     | 1            |           |        |
| Herbaspirillum soli → Novitherbaspirillum soli                 |              |           |        |
| <b>Herbiconiux</b>   |              |           |        |
| Herbiconiux flava  | 1            |           |        |
| Herbiconiux ginsengi (Leifsonia ginsengi)                      | 1            |           |        |
| Herbiconiux moechotypicola                                     | 1            |           |        |
| Herbiconiux solani   | 1            |           |        |
| <b>Herbidospora</b>  |              |           |        |
| Herbidospora cretacea  | 1            |           |        |
| Herbidospora daliensis   | 1            |           |        |
| Herbidospora mongoliensis                                      | 1            |           |        |
| Herbidospora osyris – synonym: Herbidospora cretacea           |              |           |        |
| Herbidospora sakaeratensis                                     | 1            |           |        |
| Herbidospora soli  | 1            |           | neu    |
| Herbidospora yilanensis  | 1            |           |        |
| <b>Herbihabitans</b>   |              |           |        |
| Herbihabitans rhizosphaerae                                    | 1            |           | neu    |
| <b>Herbinix</b>  |              |           |        |
| Herbinix hemicellulosilytica                                   | 1            |           | neu    |
| Herbinix luporum   | 1            |           | neu    |
| <b>Herbivorax</b>  |              |           |        |
| Herbivorax saccincola  | 1            |           | neu    |
| <b>Herminiimonas</b>   |              |           |        |
| Herminiimonas aquatilis  | 1            |           |        |
| Herminiimonas arsenicoxydans                                   | 1            |           |        |
| Herminiimonas contaminans                                      | 1            |           |        |
| Herminiimonas fonticola  | 1            |           |        |
| Herminiimonas glaciei  | 1            |           |        |
| Herminiimonas saxobsidens                                      | 1            |           |        |
| <b>Herpetosiphon</b>   |              |           |        |
| Herpetosiphon aurantiacus                                      | 1            |           |        |
| Herpetosiphon cohaerens → Lewinella cohaerens                  |              |           |        |
| Herpetosiphon geysericola                                      | 1            |           |        |
| Herpetosiphon giganteus  | 1            |           | neu    |
| Herpetosiphon gulosus  | 1            |           | neu    |
| Herpetosiphon nigricans → Lewinella nigricans                  |              |           |        |
| Herpetosiphon persicus → Lewinella persicus                    |              |           |        |
| <b>Hespellia</b>   |              |           |        |
| Hespellia porcina  | 1            |           |        |
| Hespellia stercorisuis   | 1            |           |        |
| <b>Hippea</b>  |              |           |        |

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|--|--------------|-----------|--------|
| <i>Hippea alviniae</i>   | 1            |           |        |
| <i>Hippea jasoniae</i>   | 1            |           |        |
| <i>Hippea maritima</i>   | 1            |           |        |
| <b>Hirschia</b>  |              |           |        |
| <i>Hirschia baltica</i>  | 1            |           |        |
| <i>Hirschia litorea</i>  | 1            |           |        |
| <i>Hirschia maritima</i>   | 1            |           |        |
| <b>Histophilus</b>   |              |           |        |
| <i>Histophilus somni</i>   | 2            | t         |        |
| <b>Hoeflea</b>   |              |           |        |
| <i>Hoeflea alexandrii</i>  | 1            |           |        |
| <i>Hoeflea anabaenae</i>   | 1            |           |        |
| <i>Hoeflea halophila</i>   | 1            |           |        |
| <i>Hoeflea marina</i>  | 1            |           |        |
| <i>Hoeflea olei</i>  | 1            |           | neu    |
| <i>Hoeflea phototrophica</i>   | 1            |           |        |
| <i>Hoeflea suaedae</i> → <i>Pseudohoeflea suaedae</i>                  |              |           | Umb.   |
| <b>Holdemanella</b>  |              |           |        |
| <i>Holdemanella biformis</i> (Eubacterium biforme)                     | 1            |           | Umb.   |
| <b>Holdemania</b>  |              |           |        |
| <i>Holdemania filiformis</i>   | 1            |           |        |
| <i>Holdemania massiliensis</i>   | 1            |           | neu    |
| <b>Hollandina</b>  |              |           |        |
| <i>Hollandina pterotermitidis</i>                                      | 1            |           |        |
| <b>Holophaga</b>   |              |           |        |
| <i>Holophaga foetida</i>   | 1            |           |        |
| <b>Holospora</b>   |              |           |        |
| <i>Holospora caryophila</i>  | 1            |           |        |
| <i>Holospora elegans</i>   | 1            |           |        |
| <i>Holospora obtusa</i>  | 1            |           |        |
| <i>Holospora undulata</i>  | 1            |           |        |
| <b>Homoserinibacter</b>  |              |           |        |
| <i>Homoserinibacter gongjuensis</i>                                    | 1            |           | neu    |
| <b>Homoserinimonas</b>   |              |           |        |
| <i>Homoserinimonas aerilata</i>  | 1            |           |        |
| <b>Hongia</b>  |              |           |        |
| <i>Hongia koreensis</i> → <i>Kribbella koreensis</i>                   |              |           |        |
| <b>Hongiella</b>   |              |           |        |
| <i>Hongiella halophila</i> → <i>Algoriphagus halophilus</i>            |              |           |        |
| <i>Hongiella mannitolivorans</i> → <i>Algoriphagus mannitolivorans</i> |              |           |        |
| <i>Hongiella marincola</i> → <i>Algoriphagus marincola</i>             |              |           |        |
| <i>Hongiella ornithinivorans</i> → <i>Algoriphagus ornithinivorans</i> |              |           |        |
| <b>Hoppeia</b>   |              |           |        |
| <i>Hoppeia youngheungensis</i>   | 1            |           |        |
| <b>Howardella</b>  |              |           |        |

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|--|--------------|-----------|--------|
| Howardella ureilytica                              | 1            |           |        |
| <b>Hoyosella</b>                                   |              |           |        |
| Hoyosella altamirensis                             | 1            |           |        |
| Hoyosella rhizosphaerae                            | 1            |           | neu    |
| Hoyosella subflava (Amycolicococcus subflavus)     | 1            |           | Umb.   |
| <b>Huaishuia</b>                                   |              |           |        |
| Huaishuia halophila                                | 1            |           |        |
| Huaishuia halophila → Celeribacter halophilus      |              |           | Umb.   |
| <b>Huakuichenia</b>                                |              |           |        |
| Huakuichenia soli                                  | 1            |           | neu    |
| <b>Huanghella</b>                                  |              |           |        |
| Huanghella arctica                                 | 1            |           |        |
| <b>Hughenoltzia</b>                                |              |           |        |
| Hughenoltzia roseola (Flexibacter roseolus)        | 1            |           | Umb.   |
| <b>Humibacillus</b>                                |              |           |        |
| Humibacillus xanthopallidus                        | 1            |           |        |
| <b>Humibacter</b>                                  |              |           |        |
| Humibacter albus                                   | 1            |           |        |
| Humibacter antri                                   | 1            |           |        |
| Humibacter aquilariae                              | 1            |           | neu    |
| Humibacter ginsengisoli                            | 1            |           | neu    |
| Humibacter ginsengiterrae                          | 1            |           | neu    |
| Humibacter soli                                    | 1            |           | neu    |
| <b>Humicoccus → Nakamurella</b>                    |              |           |        |
| Humicoccus flavidus → Nakamurella flavida          |              |           |        |
| <b>Humihabitans → Intrasporangium</b>              |              |           |        |
| Humihabitans oryzae → Intrasporangium oryzae       |              |           |        |
| <b>Humitalea</b>                                   |              |           |        |
| Humitalea rosea                                    | 1            |           |        |
| <b>Hungatella</b>                                  |              |           |        |
| Hungatella effluvii                                | 1            |           |        |
| Hungatella hathewayi (Clostridium hathewayi)       | 1            |           |        |
| <b>Hwangdonia</b>                                  |              |           |        |
| Hwangdonia seohaensis                              | 1            |           |        |
| <b>Hwanghaeicola</b>                               |              |           |        |
| Hwanghaeicola aestuarii                            | 1            |           |        |
| <b>Hyalangium</b>                                  |              |           |        |
| Hyalangium minutum                                 | 1            |           |        |
| <b>Hydrobacter</b>                                 |              |           |        |
| Hydrobacter penzbergensis                          | 1            |           | neu    |
| <b>Hydrocarboniphaga</b>                           |              |           |        |
| Hydrocarboniphaga daqingensis                      | 1            |           |        |
| Hydrocarboniphaga effusa                           | 1            |           |        |
| <b>Hydrogenibacillus</b>                           |              |           |        |
| Hydrogenibacillus schlegelii (Bacillus schlegelii) | 1            |           |        |
| <b>Hydrogenimonas</b>                              |              |           |        |



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|--|--------------|-----------|--------|
| Hydrogenimonas thermophila   | 1            |           |        |
| <b>Hydrogenispora</b>  |              |           |        |
| Hydrogenispora ethanolica  | 1            |           |        |
| <b>Hydrogenivirga</b>  |              |           |        |
| Hydrogenivirga caldilitoris  | 1            |           |        |
| Hydrogenivirga okinawensis   | 1            |           |        |
| <b>Hydrogenoanaerobacterium</b>                                    |              |           |        |
| Hydrogenoanaerobacterium saccharovorans                            | 1            |           |        |
| <b>Hydrogenobacter</b>   |              |           |        |
| Hydrogenobacter acidophilus → Hydrogenobaculum acidophilum         |              |           |        |
| Hydrogenobacter hydrogenophilus (Calderobacterium hydrogenophilum) | 1            |           |        |
| Hydrogenobacter subterraneus                                       | 1            |           |        |
| Hydrogenobacter thermophilus                                       | 1            |           |        |
| <b>Hydrogenobaculum</b>  |              |           |        |
| Hydrogenobaculum acidophilum (Hydrogenobacter acidophilus)         | 1            |           |        |
| <b>Hydrogenophaga</b>  |              |           |        |
| Hydrogenophaga aquatica  | 1            |           | neu    |
| Hydrogenophaga atypica   | 1            |           |        |
| Hydrogenophaga bisanensis  | 1            |           |        |
| Hydrogenophaga caeni   | 1            |           |        |
| Hydrogenophaga crassostreae  | 1            |           | neu    |
| Hydrogenophaga defluvii  | 1            |           |        |
| Hydrogenophaga flava (Pseudomonas flava)                           | 1            |           |        |
| Hydrogenophaga intermedia  | 1            |           |        |
| Hydrogenophaga laconesensis  | 1            |           | neu    |
| Hydrogenophaga luteola   | 1            |           | neu    |
| Hydrogenophaga palleronii (Pseudomonas palleronii)                 | 1            |           |        |
| Hydrogenophaga pseudoflava (Pseudomonas pseudoflava)               | 1            |           |        |
| Hydrogenophaga soli  | 1            |           | neu    |
| Hydrogenophaga taeniospiralis (Pseudomonas taeniospiralis)         | 1            |           |        |
| <b>Hydrogenophilus</b>   |              |           |        |
| Hydrogenophilus hirschii   | 1            |           |        |
| Hydrogenophilus islandicus   | 1            |           |        |
| Hydrogenophilus thermoluteolus                                     | 1            |           |        |
| <b>Hydrogenothermus</b>  |              |           |        |
| Hydrogenothermus marinus   | 1            |           |        |
| <b>Hydrogenovibrio</b>   |              |           |        |
| Hydrogenovibrio crunogenus (Thiomicrospira crunogena)              | 1            |           | Umb.   |
| Hydrogenovibrio halophilus (Thiomicrospira halophila)              | 1            |           | Umb.   |
| Hydrogenovibrio kuenenii (Thiomicrospira kuenenii)                 | 1            |           | Umb.   |
| Hydrogenovibrio marinus  | 1            |           |        |

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|---|--------------|-----------|--------|
| Hydrogenovibrio thermophilus (Thiomicrospira thermophila) | 1            |           | Umb.   |
| <b>Hydromonas</b>   |              |           |        |
| Hydromonas duriensis                                      | 1            |           | neu    |
| <b>Hydrotalea</b>   |              |           |        |
| Hydrotalea flava  | 1            |           |        |
| Hydrotalea sandarakina                                    | 1            |           |        |
| <b>Hylemonella</b>  |              |           |        |
| Hylemonella gracilis (Aquaspirillum gracile)              | 1            |           |        |
| <b>Hymenobacter</b>                                       |              |           |        |
| Hymenobacter actinosclerus                                | 1            |           |        |
| Hymenobacter aerophilus                                   | 1            |           |        |
| Hymenobacter algoricola                                   | 1            |           |        |
| Hymenobacter antarcticus                                  | 1            |           |        |
| Hymenobacter aquaticus                                    | 1            |           | neu    |
| Hymenobacter arcticus                                     | 1            |           |        |
| Hymenobacter arizonensis                                  | 1            |           |        |
| Hymenobacter cavernae                                     | 1            |           | neu    |
| Hymenobacter chitinivorans                                | 1            |           |        |
| Hymenobacter coalescens                                   | 1            |           | neu    |
| Hymenobacter coccineus                                    | 1            |           | neu    |
| Hymenobacter daecheongensis                               | 1            |           |        |
| Hymenobacter daeguensis                                   | 1            |           | neu    |
| Hymenobacter defluvii                                     | 1            |           | neu    |
| Hymenobacter deserti                                      | 1            |           |        |
| Hymenobacter elongatus                                    | 1            |           |        |
| Hymenobacter fastidiosus                                  | 1            |           |        |
| Hymenobacter flocculans                                   | 1            |           |        |
| Hymenobacter frigidus                                     | 1            |           | neu    |
| Hymenobacter gelipurpurascens                             | 1            |           |        |
| Hymenobacter ginsengisoli                                 | 1            |           |        |
| Hymenobacter glacialis                                    | 1            |           | neu    |
| Hymenobacter glaciei                                      | 1            |           |        |
| Hymenobacter glacieicola                                  | 1            |           | neu    |
| Hymenobacter gummosus                                     | 1            |           | neu    |
| Hymenobacter humi   | 1            |           | neu    |
| Hymenobacter kanuolensis                                  | 1            |           |        |
| Hymenobacter koreensis                                    | 1            |           |        |
| Hymenobacter lapidarius                                   | 1            |           | neu    |
| Hymenobacter latericoloratus                              | 1            |           | neu    |
| Hymenobacter luteus                                       | 1            |           | neu    |
| Hymenobacter marinus                                      | 1            |           | neu    |
| Hymenobacter metalli                                      | 1            |           |        |
| Hymenobacter monticola                                    | 1            |           | neu    |
| Hymenobacter mucosus                                      | 1            |           | neu    |
| Hymenobacter nivis  | 1            |           | neu    |
| Hymenobacter norwichensis                                 | 1            |           |        |

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|---|--------------|-----------|--------|
| <i>Hymenobacter ocellatus</i>                                 | 1            |           |        |
| <i>Hymenobacter pallidus</i>                                  | 1            |           | neu    |
| <i>Hymenobacter paludis</i>                                   | 1            |           | neu    |
| <i>Hymenobacter perfusus</i>                                  | 1            |           |        |
| <i>Hymenobacter psychrophilus</i>                             | 1            |           |        |
| <i>Hymenobacter psychrotolerans</i>                           | 1            |           |        |
| <i>Hymenobacter qilianensis</i>                               | 1            |           | neu    |
| <i>Hymenobacter rigui</i>                                     | 1            |           |        |
| <i>Hymenobacter roseosalivarius</i>                           | 1            |           |        |
| <i>Hymenobacter roseus</i>                                    | 1            |           | neu    |
| <i>Hymenobacter ruber</i>                                     | 1            |           |        |
| <i>Hymenobacter rubidus</i>                                   | 1            |           | neu    |
| <i>Hymenobacter rutilus</i>                                   | 1            |           | neu    |
| <i>Hymenobacter saemangeumensis</i>                           | 1            |           |        |
| <i>Hymenobacter sedentarius</i>                               | 1            |           | neu    |
| <i>Hymenobacter seoulensis</i>                                | 1            |           | neu    |
| <i>Hymenobacter soli</i>                                      | 1            |           |        |
| <i>Hymenobacter swuensis</i>                                  | 1            |           | neu    |
| <i>Hymenobacter tenuis</i>                                    | 1            |           | neu    |
| <i>Hymenobacter terrae</i>                                    | 1            |           | neu    |
| <i>Hymenobacter terrenus</i>                                  | 1            |           | neu    |
| <i>Hymenobacter tibetensis</i>                                | 1            |           |        |
| <i>Hymenobacter wuonensis</i>                                 | 1            |           | neu    |
| <i>Hymenobacter xinjiangensis</i>                             | 1            |           |        |
| <i>Hymenobacter yonginensis</i>                               | 1            |           |        |
| <b><i>Hyperthermus</i></b>                                    |              |           |        |
| <i>Hyperthermus butylicus</i>                                 | 1            |           |        |
| <b>Hyphobacterium</b>   |              |           |        |
| <i>Hyphobacterium vulgare</i>                                 | 1            |           | neu    |
| <b>Hyphococcus</b>  |              |           |        |
| <i>Hyphococcus flavus</i>                                     | 1            |           | neu    |
| <b>Hyphomicrobium</b>   |              |           |        |
| <i>Hyphomicrobium aestuarii</i>                               | 1            |           |        |
| <i>Hyphomicrobium chloromethanicum</i>                        | 1            |           |        |
| <i>Hyphomicrobium coagulans</i>                               | 1            |           |        |
| <i>Hyphomicrobium denitrificans</i>                           | 1            |           |        |
| <i>Hyphomicrobium facile</i> subsp. <i>facile</i>             | 1            |           |        |
| <i>Hyphomicrobium facile</i> subsp. <i>tolerans</i>           | 1            |           |        |
| <i>Hyphomicrobium facile</i> subsp. <i>ureaphilum</i>         | 1            |           |        |
| <i>Hyphomicrobium hollandicum</i>                             | 1            |           |        |
| <i>Hyphomicrobium indicum</i> → <i>Photobacterium indicum</i> |              |           |        |
| <i>Hyphomicrobium methylovorum</i>                            | 1            |           |        |
| <i>Hyphomicrobium neptunium</i> → <i>Hyphomonas neptunium</i> |              |           |        |
| <i>Hyphomicrobium nitratorans</i>                             | 1            |           | neu    |
| <i>Hyphomicrobium sulfonivorans</i>                           | 1            |           |        |

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|--|--------------|-----------|--------|
| <i>Hyphomicrobium vulgare</i>  | 1            |           |        |
| <i>Hyphomicrobium zavarzinii</i>                                       | 1            |           |        |
| <b>Hyphomonas</b>  |              |           |        |
| <i>Hyphomonas adhaerens</i>  | 1            |           |        |
| <i>Hyphomonas atlantica</i>  | 1            |           | neu    |
| <i>Hyphomonas beringensis</i>  | 1            |           | neu    |
| <i>Hyphomonas chukchiensis</i>   | 1            |           | neu    |
| <i>Hyphomonas hirschiana</i>   | 1            |           |        |
| <i>Hyphomonas jannaschiana</i>   | 1            |           |        |
| <i>Hyphomonas johnsonii</i>  | 1            |           |        |
| <i>Hyphomonas neptunium</i> ( <i>Hyphomicrobium neptunium</i> )        | 1            |           |        |
| <i>Hyphomonas oceanitis</i>  | 1            |           |        |
| <i>Hyphomonas polymorpha</i>   | 1            |           |        |
| <i>Hyphomonas rosenbergii</i>  | 1            |           |        |
| <b>Hypnocyclicus</b>   |              |           |        |
| <i>Hypnocyclicus thermotrophus</i>                                     | 1            |           | neu    |
| <b>Hyunsoonleella</b>  |              |           |        |
| <i>Hyunsoonleella jejuensis</i>  | 1            |           |        |
| <i>Hyunsoonleella pacifica</i>   | 1            |           | neu    |
| <i>Hyunsoonleella rubra</i>  | 1            |           | neu    |
| <i>Hyunsoonleella udoensis</i>   | 1            |           | neu    |
| <b>Iamia</b>   |              |           |        |
| <i>Iamia majanohamensis</i>  | 1            |           |        |
| <b>Ichthyenterobacterium</b>   |              |           |        |
| <i>Ichthyenterobacterium magnum</i>                                    | 1            |           | neu    |
| <b>Ichthyobacterium</b>  |              |           |        |
| <i>Ichthyobacterium seriolicida</i>                                    | 1            | t2        | neu    |
| <b>Ideonella</b>   |              |           |        |
| <i>Ideonella azotifigens</i>   | 1            |           |        |
| <i>Ideonella dechloratans</i>  | 1            |           |        |
| <i>Ideonella paludis</i>   | 1            |           | neu    |
| <i>Ideonella sakaiensis</i>  | 1            |           | neu    |
| <b>Idiomarina</b>  |              |           |        |
| <i>Idiomarina abyssalis</i>  | 1            |           |        |
| <i>Idiomarina aestuarii</i> ( <i>Pseudidiomarina aestuarii</i> )       | 1            |           |        |
| <i>Idiomarina aquatica</i>   | 1            |           | neu    |
| <i>Idiomarina aquimaris</i>  | 1            |           |        |
| <i>Idiomarina atlantica</i>  | 1            |           | neu    |
| <i>Idiomarina baltica</i>  | 1            |           |        |
| <i>Idiomarina donghaiensis</i> ( <i>Pseudidiomarina donghaiensis</i> ) | 1            |           |        |
| <i>Idiomarina fontislapidosi</i>                                       | 1            |           |        |
| <i>Idiomarina halophila</i>  | 1            |           | neu    |
| <i>Idiomarina homiensis</i> ( <i>Pseudidiomarina homiensis</i> )       | 1            |           |        |
| <i>Idiomarina indica</i>   | 1            |           |        |
| <i>Idiomarina insulisalsae</i>   | 1            |           |        |

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|--|--------------|-----------|--------|
| <i>Idiomarina loihiensis</i>   | 1            |           |        |
| <i>Idiomarina marina</i> ( <i>Pseudidiomarina marina</i> )           | 1            |           |        |
| <i>Idiomarina maris</i> → <i>Aliidiomarina maris</i>                 |              |           |        |
| <i>Idiomarina maritima</i> ( <i>Pseudidiomarina maritima</i> )       | 1            |           |        |
| <i>Idiomarina piscisalsi</i>   | 1            |           |        |
| <i>Idiomarina planktonica</i>  | 1            |           | neu    |
| <i>Idiomarina ramblicola</i>   | 1            |           |        |
| <i>Idiomarina salinarum</i> ( <i>Pseudidiomarina salinarum</i> )     | 1            |           |        |
| <i>Idiomarina sediminum</i> ( <i>Pseudidiomarina sediminum</i> )     | 1            |           |        |
| <i>Idiomarina seosinensis</i>  | 1            |           |        |
| <i>Idiomarina tainanensis</i> ( <i>Pseudidiomarina tainanensis</i> ) | 1            |           |        |
| <i>Idiomarina taiwanensis</i> ( <i>Pseudidiomarina taiwanensis</i> ) | 1            |           |        |
| <i>Idiomarina tyrosinivorans</i>                                     | 1            |           | neu    |
| <i>Idiomarina woesei</i>   | 1            |           | neu    |
| <i>Idiomarina xiamenensis</i>  | 1            |           |        |
| <i>Idiomarina zobellii</i>   | 1            |           |        |
| <b>Ignatzschineria</b>   |              |           |        |
| <i>Ignatzschineria indica</i>  | 1            |           |        |
| <i>Ignatzschineria larvae</i> ( <i>Schineria larvae</i> )            | 1            | +         |        |
| <i>Ignatzschineria ureiclastica</i>                                  | 1            |           |        |
| <b>Ignavibacterium</b>   |              |           |        |
| <i>Ignavibacterium album</i>   | 1            |           |        |
| <b>Ignavigranum</b>  |              |           |        |
| <i>Ignavigranum ruoffiae</i>   | 2            |           |        |
| <b>Ignicoccus</b>  |              |           |        |
| <i>Ignicoccus hospitalis</i>   | 1            |           |        |
| <i>Ignicoccus islandicus</i>   | 1            |           |        |
| <i>Ignicoccus pacificus</i>  | 1            |           |        |
| <b>Ignisphaera</b>   |              |           |        |
| <i>Ignisphaera aggregans</i>   | 1            |           |        |
| <b>Ileibacterium</b>   |              |           |        |
| <i>Ileibacterium valens</i>  | 1            |           | neu    |
| <b>Ilumatobacter</b>   |              |           |        |
| <i>Ilumatobacter coccineum</i>                                       | 1            |           |        |
| <i>Ilumatobacter fluminis</i>  | 1            |           |        |
| <i>Ilumatobacter nonamiense</i>                                      | 1            |           |        |
| <b>Ilyobacter</b>  |              |           |        |
| <i>Ilyobacter delafieldii</i>  | 1            |           |        |
| <i>Ilyobacter insuetus</i>   | 1            |           |        |
| <i>Ilyobacter polytropus</i>   | 1            |           |        |
| <i>Ilyobacter tartaricus</i>   | 1            |           |        |
| <b>Imhoffiella</b>   |              |           |        |
| <i>Imhoffiella bheemlica</i> ( <i>Thiorhodococcus bheemlicus</i> )   | 1            |           | Umb.   |

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| <i>Imhoffiella purpurea</i>   | 1            |           | neu    |
| <b>Immundisolibacter</b>  |              |           |        |
| <i>Immundisolibacter cernigliae</i>   | 1            |           | neu    |
| <b>Imperialibacter</b>  |              |           |        |
| <i>Imperialibacter roseus</i>   | 1            |           |        |
| <b>Imtechella</b>   |              |           |        |
| <i>Imtechella halotolerans</i>  | 1            |           |        |
| <b>Indibacter</b>   |              |           |        |
| <i>Indibacter alkaliphilus</i>  | 1            |           |        |
| <b>Inhella</b>  |              |           |        |
| <i>Inhella fonticola</i>  | 1            |           |        |
| <i>Inhella inkyongensis</i>   | 1            |           |        |
| <b>Inmirania</b>  |              |           |        |
| <i>Inmirania thermothiophila</i>  | 1            |           | neu    |
| <b>Inquilius</b>  |              |           |        |
| <i>Inquilius ginsengisoli</i>   | 1            |           |        |
| <i>Inquilius limosus</i>  | 1            | +         |        |
| <b>Insolitispirillum</b>  |              |           |        |
| <i>Insolitispirillum peregrinum</i> subsp. <i>integrum</i> ( <i>Aquaspirillum peregrinum</i> subsp. <i>integrum</i> )     | 1            |           |        |
| <i>Insolitispirillum peregrinum</i> subsp. <i>peregrinum</i> ( <i>Aquaspirillum peregrinum</i> subsp. <i>peregrinum</i> ) | 1            |           |        |
| <b>Intestinibacter</b>  |              |           |        |
| <i>Intestinibacter bartlettii</i> ( <i>Clostridium bartlettii</i> )   | 1            |           |        |
| <b>Intestinimonas</b>   |              |           |        |
| <i>Intestinimonas butyriciproducens</i>   | 1            |           |        |
| <b>Intrasporangium</b>  |              |           |        |
| <i>Intrasporangium calvum</i>   | 1            |           |        |
| <i>Intrasporangium chromatireducens</i>   | 1            |           |        |
| <i>Intrasporangium mesophilum</i>   | 1            |           |        |
| <i>Intrasporangium oryzae</i> ( <i>Humihabitans oryzae</i> )  | 1            |           |        |
| <b>Iodidimonas</b>  |              |           |        |
| <i>Iodidimonas muriae</i>   | 1            |           | neu    |
| <b>Iodobacter</b>   |              |           |        |
| <i>Iodobacter arcticus</i>  | 1            |           |        |
| <i>Iodobacter fluviatilis</i> ( <i>Chromobacterium fluviatile</i> )   | 1            |           |        |
| <i>Iodobacter limnosediminis</i>  | 1            |           |        |
| <b>Irregularibacter</b>   |              |           |        |
| <i>Irregularibacter muris</i>   | 1            |           | neu    |
| <b>Isobaculum</b>   |              |           |        |
| <i>Isobaculum melis</i>   | 1            |           | neu    |
| <b>Isochromatium</b>  |              |           |        |
| <i>Isochromatium buderi</i> ( <i>Chromatium buderi</i> )  | 1            |           |        |
| <b>Isoptericola</b>   |              |           |        |
| <i>Isoptericola chiayiensis</i>   | 1            |           |        |
| <i>Isoptericola cucumis</i>   | 1            |           | neu    |
| <i>Isoptericola dokdonensis</i>   | 1            |           |        |

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|--|--------------|-----------|--------|
| <i>Isoptericola halotolerans</i>                                       | 1            |           |        |
| <i>Isoptericola hypogaeus</i>  | 1            |           |        |
| <i>Isoptericola jiangsuensis</i>                                       | 1            |           |        |
| <i>Isoptericola nanjingensis</i>                                       | 1            |           |        |
| <i>Isoptericola variabilis</i> ( <i>Cellulosimicrobium variabile</i> ) | 1            |           |        |
| <b>Isosphaera</b>  |              |           |        |
| <i>Isosphaera pallida</i>  | 1            |           |        |
| <b>Izhakiella</b>  |              |           |        |
| <i>Izhakiella australiensis</i>  | 1            |           | neu    |
| <i>Izhakiella capsodis</i>   | 1            |           | neu    |
| <b>Jahnella</b>  |              |           |        |
| <i>Jahnella thaxteri</i> [ <i>Jahnia thaxteri</i> ]                    | 1            |           |        |
| <b>Janibacter</b>  |              |           |        |
| <i>Janibacter alkaliphilus</i>   | 1            |           |        |
| <i>Janibacter anophelis</i>  | 1            |           |        |
| <i>Janibacter brevis</i> – synonym: <i>Janibacter terrae</i>           |              |           |        |
| <i>Janibacter corallicola</i>  | 1            |           |        |
| <i>Janibacter cremeus</i>  | 1            |           |        |
| <i>Janibacter hoylei</i>   | 1            |           |        |
| <i>Janibacter indicus</i>  | 1            |           | neu    |
| <i>Janibacter limosus</i>  | 1            |           |        |
| <i>Janibacter melonis</i>  | 1            |           |        |
| <i>Janibacter terrae</i>   | 1            |           |        |
| <b>Jannaschia</b>  |              |           |        |
| <i>Jannaschia aquimarina</i>   | 1            |           |        |
| <i>Jannaschia cystaugens</i>   | 1            |           |        |
| <i>Jannaschia donghaensis</i>  | 1            |           |        |
| <i>Jannaschia faecimaris</i>   | 1            |           |        |
| <i>Jannaschia helgolandensis</i>                                       | 1            |           |        |
| <i>Jannaschia pohangensis</i>  | 1            |           |        |
| <i>Jannaschia rubra</i>  | 1            |           |        |
| <i>Jannaschia seohaensis</i>   | 1            |           |        |
| <i>Jannaschia seosinensis</i>  | 1            |           |        |
| <b>Janthinobacterium</b>   |              |           |        |
| <i>Janthinobacterium agaricidamnosum</i>                               | 1            |           |        |
| <i>Janthinobacterium lividum</i>                                       | 1            |           |        |
| <b>Jatrophihabitans</b>  |              |           |        |
| <i>Jatrophihabitans endophyticus</i>                                   | 1            |           |        |
| <i>Jatrophihabitans fulvus</i>   | 1            |           | neu    |
| <i>Jatrophihabitans huperziae</i>                                      | 1            |           | neu    |
| <i>Jatrophihabitans soli</i>   | 1            |           | neu    |
| <b>Jejudonia</b>   |              |           |        |
| <i>Jejudonia soesokkakensis</i>  | 1            |           |        |
| <b>Jejuia</b>  |              |           |        |
| <i>Jejuia pallidilutea</i>   | 1            |           |        |
| <b>Jeongeupia</b>  |              |           |        |

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|---|--------------|-----------|--------|
| <i>Jeongeupia chitinilytica</i>   | 1            |           |        |
| <i>Jeongeupia naejangsensis</i>   | 1            |           |        |
| <b>Jeotgalibaca</b>   |              |           |        |
| <i>Jeotgalibaca dankookensis</i>  | 1            |           |        |
| <b>Jeotgalibacillus</b>   |              |           |        |
| <i>Jeotgalibacillus alimentarius</i>  | 1            |           |        |
| <i>Jeotgalibacillus alkaliphilus</i>  | 1            |           | neu    |
| <i>Jeotgalibacillus campisalis</i> ( <i>Marinibacillus campisalis</i> )   | 1            |           |        |
| <i>Jeotgalibacillus malaysiensis</i>  | 1            |           | neu    |
| <i>Jeotgalibacillus marinus</i> ( <i>Marinibacillus marinus</i> , <i>Bacillus marinus</i> , <i>Bacillus globisporus</i> subsp. <i>marinus</i> ) | 1            |           |        |
| <i>Jeotgalibacillus salarius</i>  | 1            |           |        |
| <i>Jeotgalibacillus soli</i>  | 1            |           |        |
| <i>Jeotgalibacillus terrae</i>  | 1            |           | neu    |
| <b>Jeotgalicoccus</b>   |              |           |        |
| <i>Jeotgalicoccus aerolatus</i>   | 1            |           |        |
| <i>Jeotgalicoccus coquinae</i>  | 1            |           |        |
| <i>Jeotgalicoccus halophilus</i>  | 1            |           |        |
| <i>Jeotgalicoccus halotolerans</i>  | 1            |           |        |
| <i>Jeotgalicoccus huakuii</i>   | 1            |           |        |
| <i>Jeotgalicoccus marinus</i>   | 1            |           |        |
| <i>Jeotgalicoccus nanhaiensis</i>   | 1            |           |        |
| <i>Jeotgalicoccus pinnipedialis</i>   | 1            |           |        |
| <i>Jeotgalicoccus psychrophilus</i>   | 1            |           |        |
| <i>Jeotgalicoccus schoeneichii</i>  | 1            |           | neu    |
| <b>Jhaorihella</b>  |              |           |        |
| <i>Jhaorihella thermophila</i>  | 1            |           |        |
| <b>Jiangella</b>  |              |           |        |
| <i>Jiangella alba</i>   | 1            |           |        |
| <i>Jiangella alkaliphila</i>  | 1            |           |        |
| <i>Jiangella gansuensis</i>   | 1            |           |        |
| <i>Jiangella mangrovi</i>   | 1            |           | neu    |
| <i>Jiangella muralis</i>  | 1            |           |        |
| <b>Jiella</b>   |              |           |        |
| <i>Jiella aquimaris</i>   | 1            |           | neu    |
| <b>Jishengella</b>  |              |           |        |
| <i>Jishengella endophytica</i>  | 1            |           |        |
| <b>Jiulongibacter</b>   |              |           |        |
| <i>Jiulongibacter sediminis</i>   | 1            |           | neu    |
| <b>Johnsonella</b>  |              |           |        |
| <i>Johnsonella ignava</i>   | 2            |           |        |
| <b>Jonesia</b>  |              |           |        |
| <i>Jonesia denitrificans</i> ( <i>Listeria denitrificans</i> )  | 2            | t         |        |
| <i>Jonesia quinghaiensis</i>  | 1            |           |        |
| <b>Jonquetella</b>  |              |           |        |



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| <i>Jonquetella anthropi</i>                                     | 2            |           |        |
| <b>Joostella</b>  |              |           |        |
| <i>Joostella marina</i>   | 1            |           |        |
| <b>Kaistella → Chryseobacterium</b>                             |              |           |        |
| <i>Kaistella koreensis</i> → <i>Chryseobacterium koreense</i>   |              |           |        |
| <b>Kaistia</b>  |              |           |        |
| <i>Kaistia adipata</i>  | 1            |           |        |
| <i>Kaistia dalseonensis</i>                                     | 1            |           |        |
| <i>Kaistia defluvii</i>   | 1            |           |        |
| <i>Kaistia geumhonensis</i>                                     | 1            |           |        |
| <i>Kaistia granuli</i>  | 1            |           |        |
| <i>Kaistia hirudinis</i>  | 1            |           |        |
| <i>Kaistia soli</i>   | 1            |           |        |
| <i>Kaistia terrae</i>   | 1            |           |        |
| <b>Kallipygia</b>   |              |           |        |
| <i>Kallipygia massiliensis</i>                                  | 1            |           |        |
| <b>Kallotenua</b>   |              |           |        |
| <i>Kallotenua papyrolyticum</i>                                 | 1            |           |        |
| <b>Kandleria</b>  |              |           |        |
| <i>Kandleria vitulina</i> ( <i>Lactobacillus vitulinus</i> )    | 1            |           |        |
| <b>Kangiella</b>  |              |           |        |
| <i>Kangiella aquimarina</i>                                     | 1            |           |        |
| <i>Kangiella geojedonensis</i>                                  | 1            |           |        |
| <i>Kangiella japonica</i>                                       | 1            |           |        |
| <i>Kangiella koreensis</i>                                      | 1            |           |        |
| <i>Kangiella marina</i>   | 1            |           |        |
| <i>Kangiella profundus</i>                                      | 1            |           | neu    |
| <i>Kangiella sediminilitoris</i>                                | 1            |           |        |
| <i>Kangiella spongicola</i>                                     | 1            |           |        |
| <i>Kangiella taiwanensis</i>                                    | 1            |           |        |
| <b>Keratinibaculum</b>  |              |           |        |
| <i>Keratinibaculum paraultunense</i>                            | 1            |           | neu    |
| <b>Kerstesia</b>  |              |           |        |
| <i>Kerstesia gyiorum</i>  | 2            |           |        |
| <i>Kerstesia similis</i>  | 2            |           |        |
| <b>Ketogulonicigenium</b>                                       |              |           |        |
| <i>Ketogulonicigenium robustum</i>                              | 1            |           |        |
| <i>Ketogulonicigenium vulgare</i>                               | 1            |           |        |
| <b>Kibdelosporangium</b>  |              |           |        |
| <i>Kibdelosporangium albatum</i> → <i>Allokutzneria albatum</i> |              |           |        |
| <i>Kibdelosporangium aridum</i> subsp. <i>aridum</i>            | 1            |           |        |
| <i>Kibdelosporangium aridum</i> subsp. <i>largum</i>            | 1            |           |        |
| <i>Kibdelosporangium banguiense</i>                             | 1            |           | neu    |
| <i>Kibdelosporangium kanagawaense</i>                           | 1            |           | neu    |
| <i>Kibdelosporangium lantanae</i>                               | 1            |           | neu    |

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|---|--------------|-----------|--------|
| <i>Kibdelosporangium metalli</i>                              | 1            |           | neu    |
| <i>Kibdelosporangium philippinense</i>                        | 1            |           |        |
| <i>Kibdelosporangium phytohabitans</i>                        | 1            |           |        |
| <i>Kibdelosporangium rhizosphaerae</i>                        | 1            |           | neu    |
| <i>Kibdelosporangium rhizovicinum</i>                         | 1            |           | neu    |
| <b>Kiloniella</b>   |              |           |        |
| <i>Kiloniella antarctica</i>                                  | 1            |           | neu    |
| <i>Kiloniella laminariae</i>                                  | 1            |           |        |
| <i>Kiloniella majae</i>                                       | 1            |           | neu    |
| <i>Kiloniella spongiae</i>                                    | 1            |           | neu    |
| <b>Kineococcus</b>  |              |           |        |
| <i>Kineococcus aurantiacus</i>                                | 1            |           |        |
| <i>Kineococcus aureolus</i>                                   | 1            |           | neu    |
| <i>Kineococcus endophyticus</i>                               | 1            |           |        |
| <i>Kineococcus glutinatus</i>                                 | 1            |           |        |
| <i>Kineococcus gynurae</i>                                    | 1            |           |        |
| <i>Kineococcus gypseus</i>                                    | 1            |           | neu    |
| <i>Kineococcus mangrovi</i>                                   | 1            |           | neu    |
| <i>Kineococcus marinus</i> → <i>Pseudokineococcus marinus</i> |              |           |        |
| <i>Kineococcus radiotolerans</i>                              | 1            |           |        |
| <i>Kineococcus rhizosphaerae</i>                              | 1            |           |        |
| <i>Kineococcus terrestris</i>                                 | 1            |           | neu    |
| <i>Kineococcus xinjiangensis</i>                              | 1            |           |        |
| <b>Kineosphaera</b>   |              |           |        |
| <i>Kineosphaera limosa</i>                                    | 1            |           |        |
| <b>Kineosporia</b>  |              |           |        |
| <i>Kineosporia aurantiaca</i>                                 | 1            |           |        |
| <i>Kineosporia babensis</i>                                   | 1            |           |        |
| <i>Kineosporia mesophila</i>                                  | 1            |           |        |
| <i>Kineosporia mikuniensis</i>                                | 1            |           |        |
| <i>Kineosporia rhamnosa</i>                                   | 1            |           |        |
| <i>Kineosporia rhizophila</i>                                 | 1            |           |        |
| <i>Kineosporia succinea</i>                                   | 1            |           |        |
| <b>Kineothrix</b>   |              |           |        |
| <i>Kineothrix alysoides</i>                                   | 1            |           | neu    |
| <b>Kingella</b>   |              |           |        |
| <i>Kingella denitrificans</i>                                 | 2            |           |        |
| <i>Kingella indologenes</i> → <i>Suttonella indologenes</i>   |              |           |        |
| <i>Kingella kingae</i>  | 2            |           |        |
| <i>Kingella negevensis</i>                                    | 2            |           | neu    |
| <i>Kingella oralis</i>  | 2            |           |        |
| <i>Kingella potus</i>   | 1            | ht+       |        |
| <b>Kinneretia</b>   |              |           |        |
| <i>Kinneretia asaccharophila</i>                              | 1            |           |        |
| <b>Kiritimatiella</b>   |              |           |        |
| <i>Kiritimatiella glycovorans</i>                             | 1            |           | neu    |

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|--|--------------|-----------|--------|
| <b>Kistimonas</b>  |              |           |        |
| Kistimonas asteriae  | 1            |           |        |
| Kistimonas scapharcae  | 1            |           |        |
| <b>Kitasatoa → Streptomyces</b>  |              |           |        |
| Kitasatoa diplospora – synonym: Kitasatoa purpurea → Streptomyces purpureus    |              |           |        |
| Kitasatoa kauaiensis – synonym: Kitasatoa purpurea → Streptomyces purpureus    |              |           |        |
| Kitasatoa nagasakiensis – synonym: Kitasatoa purpurea → Streptomyces purpureus |              |           |        |
| Kitasatoa purpurea → Streptomyces purpureus                                    |              |           |        |
| <b>Kitasatospora</b>   |              |           |        |
| Kitasatospora aburaviensis (Streptomyces aburaviensis)                         | 1            |           | Umb.   |
| Kitasatospora albolonga (Streptomyces albolongus)                              | 1            |           | Umb.   |
| Kitasatospora arboriphila  | 1            |           |        |
| Kitasatospora atroaurantiaca (Streptomyces atroaurantiacus)                    | 1            |           |        |
| Kitasatospora aureofaciens (Streptomyces aureofaciens)                         | 1            |           | Umb.   |
| Kitasatospora azatica (Streptomyces azaticus)                                  | 1            |           |        |
| Kitasatospora cheerisanensis   | 1            |           |        |
| Kitasatospora cineracea  | 1            |           |        |
| Kitasatospora cinereorecta (Streptomyces cinereorectus)                        | 1            |           | Umb.   |
| Kitasatospora cochleata (Streptomyces cochleatus)                              | 1            |           |        |
| Kitasatospora cystarginea = Streptomyces cystargineus                          | 1            |           |        |
| Kitasatospora fumigata („Streptomyces chryso-mallus subsp. fumigatus“)         | 1            |           | Umb.   |
| Kitasatospora gansuensis   | 1            |           |        |
| Kitasatospora griseola = Streptomyces griseolosporeus                          | 1            |           |        |
| Kitasatospora herbaricolor (Streptomyces herbaricolor)                         | 1            |           | Umb.   |
| Kitasatospora kazusensis   | 1            |           |        |
| Kitasatospora kifunensis (Streptomyces kifunensis)                             | 1            |           |        |
| Kitasatospora mediocidica = Streptomyces mediocidicus                          | 1            |           |        |
| Kitasatospora misakiensis (Streptomyces misakiensis)                           | 1            |           | Umb.   |
| Kitasatospora niigatensis  | 1            |           |        |
| Kitasatospora nipponensis  | 1            |           |        |
| Kitasatospora paracochleata (Streptomyces paracochleatus)                      | 1            |           |        |
| Kitasatospora paranensis   | 1            |           |        |
| Kitasatospora phosalacinea = Streptomyces phosalacineus                        | 1            |           |        |
| Kitasatospora psammotica (Streptomyces psammoticus)                            | 1            |           | Umb.   |
| Kitasatospora purpeofusca (Streptomyces purpeofuscus)                          | 1            |           | Umb.   |

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|---|--------------|-----------|--------|
| <i>Kitasatospora putterlickiae</i>  | 1            |           |        |
| <i>Kitasatospora saccharophila</i>  | 1            |           |        |
| <i>Kitasatospora sampliensis</i>  | 1            |           |        |
| <i>Kitasatospora setae</i> = <i>Streptomyces setae</i>  | 1            |           |        |
| <i>Kitasatospora terrestris</i>   | 1            |           |        |
| <i>Kitasatospora viridis</i>  | 1            |           |        |
| <b>Klebsiella</b>   |              |           |        |
| <i>Klebsiella aerogenes</i> ( <i>Klebsiella mobilis</i> ) = <i>Enterobacter aerogenes</i>           | 2            | ht        | Umb.   |
| <i>Klebsiella alba</i> – synonym: <i>Klebsiella quasipneumoniae</i> subsp. <i>similipneumoniae</i>  |              |           | Umb.   |
| <i>Klebsiella granulomatis</i> ( <i>Calymmatobacterium granulomatis</i> )                           | 2            |           |        |
| <i>Klebsiella grimontii</i>   | 2            |           | neu    |
| <i>Klebsiella michiganensis</i>   | 2            |           | neu    |
| <i>Klebsiella mobilis</i> → <i>Klebsiella aerogenes</i>   |              |           | Umb.   |
| <i>Klebsiella ornithinolytica</i> → <i>Raoultella ornithinolytica</i>                               |              |           |        |
| <i>Klebsiella oxytoca</i>   | 2            | ht        |        |
| <i>Klebsiella ozaenae</i> → <i>Klebsiella pneumoniae</i> subsp. <i>ozaenae</i>                      |              |           |        |
| <i>Klebsiella planticola</i> → <i>Raoultella planticola</i>   |              |           |        |
| <i>Klebsiella pneumoniae</i> subsp. <i>ozaenae</i> ( <i>Klebsiella ozaenae</i> )                    | 2            |           |        |
| <i>Klebsiella pneumoniae</i> subsp. <i>pneumoniae</i> ( <i>Klebsiella pneumoniae</i> )              | 2            | TA, ht    |        |
| <i>Klebsiella pneumoniae</i> subsp. <i>rhinoscleromatis</i> ( <i>Klebsiella rhinoscleromatis</i> )  | 2            |           |        |
| <i>Klebsiella pneumoniae</i> → <i>Klebsiella pneumoniae</i> subsp. <i>pneumoniae</i>                |              |           |        |
| <i>Klebsiella quasipneumoniae</i> subsp. <i>quasipneumoniae</i>                                     | 2            |           | neu    |
| <i>Klebsiella quasipneumoniae</i> subsp. <i>similipneumoniae</i>                                    | 2            | ht        | neu    |
| <i>Klebsiella rhinoscleromatis</i> → <i>Klebsiella pneumoniae</i> subsp. <i>rhinoscleromatis</i>    |              |           |        |
| <i>Klebsiella singaporensis</i>   | 1            |           |        |
| <i>Klebsiella singaporensis</i> – synonym: <i>Klebsiella variicola</i>                              |              |           | Umb.   |
| <i>Klebsiella terrigena</i> → <i>Raoultella terrigena</i>   |              |           |        |
| <i>Klebsiella trevisanii</i> – synonym: <i>Klebsiella planticola</i> → <i>Raoultella planticola</i> |              |           |        |
| <i>Klebsiella variicola</i>   | 2            | ht        |        |
| <b>Klugiella</b>  |              |           |        |
| <i>Klugiella xanthotipulae</i>  | 1            |           |        |
| <b>Kluyvera</b>   |              |           |        |
| <i>Kluyvera ascorbata</i>   | 2            |           |        |
| <i>Kluyvera cochleae</i> – synonym: <i>Kluyvera intermedia</i>                                      |              |           |        |
| <i>Kluyvera cryocrescens</i>  | 2            |           |        |
| <i>Kluyvera georgiana</i>   | 1            |           |        |
| <i>Kluyvera intermedia</i> ( <i>Enterobacter intermedius</i> )                                      | 2            |           |        |

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|---|--------------|-----------|--------|
| <b>Knoellia</b>   |              |           |        |
| Knoellia aerolata   | 1            |           |        |
| Knoellia flava  | 1            |           |        |
| Knoellia locipacati   | 1            |           |        |
| Knoellia sinensis   | 1            |           |        |
| Knoellia subterranea  | 1            |           |        |
| <b>Kocuria</b>  |              |           |        |
| Kocuria aegyptia  | 1            |           |        |
| Kocuria arsenatis   | 1            |           | neu    |
| Kocuria atrinae   | 1            |           |        |
| Kocuria carniphila  | 1            |           |        |
| Kocuria dechangensis  | 1            |           | neu    |
| Kocuria erythromyxa – synonym: Kocuria rosea  |              |           |        |
| Kocuria flava   | 1            |           |        |
| Kocuria gwangalliensis  | 1            |           |        |
| Kocuria halotolerans  | 1            |           |        |
| Kocuria himachalensis   | 1            |           |        |
| Kocuria indica  | 1            |           |        |
| Kocuria koreensis   | 1            |           |        |
| Kocuria kristinae (Micrococcus kristinae)   | 1            | +         |        |
| Kocuria marina  | 1            |           |        |
| Kocuria oceani  | 1            |           | neu    |
| Kocuria palustris   | 1            |           |        |
| Kocuria pelophila   | 1            |           | neu    |
| Kocuria polaris   | 1            |           |        |
| Kocuria rhizophila  | 1            |           |        |
| Kocuria rosea (Micrococcus roseus)  | 1            |           |        |
| Kocuria salina  | 1            |           | neu    |
| Kocuria salsicia  | 1            |           |        |
| Kocuria subflava  | 1            |           | neu    |
| Kocuria turfanaensis  | 1            |           |        |
| Kocuria varians (Micrococcus varians)   | 1            |           |        |
| <b>Kofleria</b>   |              |           |        |
| Kofleria flava  | 1            |           |        |
| <b>Komagataeibacter</b>   |              |           |        |
| Komagataeibacter europaeus (Gluconacetobacter europaeus, Acetobacter europaeus)       | 1            |           |        |
| Komagataeibacter hansenii (Gluconacetobacter hansenii, Acetobacter hansenii)          | 1            |           |        |
| Komagataeibacter intermedius (Gluconacetobacter intermedius, Acetobacter intermedius) | 1            |           |        |
| Komagataeibacter kakiaceti (Gluconacetobacter kakiaceti)                              | 1            |           |        |
| Komagataeibacter kombuchae (Gluconacetobacter kombuchae, Gluconacetobacter hansenii)  | 1            |           |        |
| Komagataeibacter maltaceti (Gluconacetobacter maltaceti)                              | 1            |           |        |
| Komagataeibacter medellinensis (Gluconacetobacter medellinensis)                      | 1            |           |        |

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|--|--------------|-----------|--------|
| Komagataeibacter nataicola (Gluconacetobacter nataicola)   | 1            |           |        |
| Komagataeibacter oboediens (Gluconacetobacter oboediens, Acetobacter oboediens)  | 1            |           |        |
| Komagataeibacter rhaeticus (Gluconacetobacter rhaeticus)   | 1            |           |        |
| Komagataeibacter saccharivorans (Gluconacetobacter saccharivorans)   | 1            |           |        |
| Komagataeibacter sucrofermentans (Gluconacetobacter sucrofermentans, Acetobacter xylinus subsp. sucrofermentans, Gluconacetobacter xylinus subsp. sucrofermentans)   | 1            |           |        |
| Komagataeibacter swingsii (Gluconacetobacter swingsii)   | 1            |           |        |
| Komagataeibacter xylinus (Gluconacetobacter xylinus, Acetobacter aceti subsp. xylinus, Acetobacter xylinus subsp. xylinus, Gluconacetobacter xylinus subsp. xylinus) | 1            |           |        |
| <b>Kordia</b>  |              |           |        |
| Kordia algicida  | 1            |           |        |
| Kordia antarctica  | 1            |           |        |
| Kordia aquimaris   | 1            |           |        |
| Kordia jejudonensis  | 1            |           |        |
| Kordia periserrulae  | 1            |           |        |
| Kordia ulvae   | 1            |           | neu    |
| Kordia zhangzhouensis  | 1            |           | neu    |
| Kordia zosteriae   | 1            |           | neu    |
| <b>Kordiimonas</b>   |              |           |        |
| Kordiimonas aestuarii  | 1            |           |        |
| Kordiimonas aquimaris  | 1            |           |        |
| Kordiimonas gwangyangensis   | 1            |           |        |
| Kordiimonas lacus  | 1            |           |        |
| Kordiimonas lipolytica   | 1            |           | neu    |
| Kordiimonas sediminis  | 1            |           | neu    |
| <b>Koreibacter – synonym: Paraoerskovia</b>  |              |           |        |
| Koreibacter algae – synonym: Paraoerskovia marina  |              |           |        |
| <b>Kosakonia</b>   |              |           |        |
| Kosakonia arachidis (Enterobacter arachidis)   | 1            |           |        |
| Kosakonia cowanii (Enterobacter cowanii)   | 2            |           |        |
| Kosakonia oryzae (Enterobacter oryzae)   | 1            |           |        |
| Kosakonia oryzendophytica (Enterobacter oryzendophyticus)  | 1            |           | Umb.   |
| Kosakonia oryziphila (Enterobacter oryziphilus)  | 1            |           | Umb.   |
| Kosakonia radicincitans (Enterobacter radicincitans)   | 1            |           |        |
| Kosakonia sacchari (Enterobacter sacchari)   | 1            |           | Umb.   |
| <b>Koserella</b>   |              |           |        |
| Koserella trabulsii  | 2            |           |        |
| <b>Kosmotoga</b>   |              |           |        |
| Kosmotoga arenicorallina   | 1            |           |        |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| Kosmotoga olearia                                     | 1            |           |        |
| Kosmotoga pacifica                                    | 1            |           | neu    |
| Kosmotoga shengliensis (Thermococcoides shengliensis) | 1            |           |        |
| <b>Kozakia</b>  |              |           |        |
| Kozakia baliensis                                     | 1            |           |        |
| <b>Krasilnikovia</b>                                  |              |           |        |
| Krasilnikovia cinnamomea                              | 1            |           |        |
| <b>Krasilnikoviella</b>                               |              |           |        |
| Krasilnikoviella flava (Promicromonospora flava)      | 1            |           | Umb.   |
| Krasilnikoviella muralis                              | 1            |           | neu    |
| <b>Kribbella</b>                                      |              |           |        |
| Kribbella alba  | 1            |           |        |
| Kribbella albertanoniae                               | 1            |           |        |
| Kribbella aluminosa                                   | 1            |           |        |
| Kribbella amoyensis                                   | 1            |           |        |
| Kribbella antibiotica                                 | 1            |           |        |
| Kribbella catacumbae                                  | 1            |           |        |
| Kribbella deserti                                     | 1            |           | neu    |
| Kribbella endophytica                                 | 1            |           |        |
| Kribbella flavida                                     | 1            |           |        |
| Kribbella ginsengisoli                                | 1            |           |        |
| Kribbella hippodromi                                  | 1            |           |        |
| Kribbella italica                                     | 1            |           | neu    |
| Kribbella jejuensis                                   | 1            |           |        |
| Kribbella karoensis                                   | 1            |           |        |
| Kribbella koreensis (Hongja koreensis)                | 1            |           |        |
| Kribbella lupini                                      | 1            |           |        |
| Kribbella mirabilis                                   | 1            |           | neu    |
| Kribbella pittospori                                  | 1            |           | neu    |
| Kribbella qitaiheensis                                | 1            |           | neu    |
| Kribbella sancticallisti                              | 1            |           |        |
| Kribbella sandramycini                                | 1            |           |        |
| Kribbella shirazensis                                 | 1            |           |        |
| Kribbella solani                                      | 1            |           |        |
| Kribbella soli  | 1            |           | neu    |
| Kribbella swartbergensis                              | 1            |           |        |
| Kribbella yunnanensis                                 | 1            |           |        |
| <b>Kribbia</b>  |              |           |        |
| Kribbia dieselivorans                                 | 1            |           |        |
| <b>Kriegella</b>                                      |              |           |        |
| Kriegella aquimaris                                   | 1            |           |        |
| <b>Krokinobacter → Dokdonia</b>                       |              |           |        |
| Krokinobacter diaphorus → Dokdonia diaphoros          |              |           |        |
| Krokinobacter eikastus → Dokdonia eikasta             |              |           |        |
| Krokinobacter genikus → Dokdonia genika               |              |           |        |
| <b>Kroppenstedtia</b>                                 |              |           |        |

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|---|--------------|-----------|--------|
| Kroppenstedtia eburnea  | 1            | +         |        |
| Kroppenstedtia guangzhouensis   | 1            |           |        |
| Kroppenstedtia pulmonis   | 1            | +         | neu    |
| Kroppenstedtia sanguinis  | 1            | +         | neu    |
| <b>Ktedonobacter [Ktedobacter]</b>  |              |           |        |
| Ktedonobacter [Ktedobacter] racemifer   | 1            |           |        |
| <b>Kurthia</b>  |              |           |        |
| Kurthia gibsonii  | 1            | +         |        |
| Kurthia huakuii   | 1            |           |        |
| Kurthia massiliensis  | 1            |           |        |
| Kurthia populi  | 1            | p+        | neu    |
| Kurthia senegalensis  | 1            |           | neu    |
| Kurthia sibirica  | 1            |           |        |
| Kurthia zopfii  | 1            | +         |        |
| <b>Kushneria</b>  |              |           |        |
| Kushneria aurantia  | 1            |           |        |
| Kushneria avicenniae (Halomonas avicenniae)                                   | 1            |           |        |
| Kushneria indalinina (Halomonas indalinina)                                   | 1            |           |        |
| Kushneria konosiri  | 1            |           | neu    |
| Kushneria marisflavi (Halomonas marisflavi)                                   | 1            |           |        |
| Kushneria pakistanensis   | 1            |           | neu    |
| Kushneria sinocarnis  | 1            |           |        |
| <b>Kutzneria</b>  |              |           |        |
| Kutzneria albida (Streptosporangium albidum)                                  | 1            |           |        |
| Kutzneria buriramensis  | 1            |           |        |
| Kutzneria chonburiensis   | 1            |           | neu    |
| Kutzneria kofuensis (Streptosporangium viridogriseum subsp. kofuense)         | 1            |           |        |
| Kutzneria viridogrisea (Streptosporangium viridogriseum subsp. viridogriseum) | 1            |           |        |
| <b>Kyrpidia</b>   |              |           |        |
| Kyrpidia tusciae (Bacillus tusciae)   | 1            |           |        |
| <b>Kytococcus</b>   |              |           |        |
| Kytococcus aerolatus  | 1            |           |        |
| Kytococcus schroeteri   | 1            | +         |        |
| Kytococcus sedentarius (Micrococcus sedentarius)                              | 1            | +         |        |
| <b>Labedaea</b>   |              |           |        |
| Labedaea rhizosphaerae  | 1            |           |        |
| <b>Labedella</b>  |              |           |        |
| Labedella endophytica   | 1            |           | neu    |
| Labedella gwakjiensis   | 1            |           |        |
| <b>Labilibacter</b>   |              |           |        |
| Labilibacter aurantiacus  | 1            |           | neu    |
| Labilibacter marinus (Saccharicrinis marinus)                                 | 1            |           | Umb.   |
| <b>Labilithrix</b>  |              |           |        |
| Labilithrix luteola   | 1            |           | neu    |
| <b>Labrenzia</b>  |              |           |        |



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|---|--------------|-----------|--------|
| Labrenzia aggregata (Stappia aggregata)               | 1            |           |        |
| Labrenzia alba (Stappia alba)                         | 1            |           |        |
| Labrenzia alexandrii                                  | 1            |           |        |
| Labrenzia marina (Stappia marina)                     | 1            |           |        |
| Labrenzia salina                                      | 1            |           | neu    |
| Labrenzia suaedae                                     | 1            |           |        |
| <b>Labrys</b>   |              |           |        |
| Labrys methylaminiphilus                              | 1            |           |        |
| Labrys miyagiensis                                    | 1            |           |        |
| Labrys monachus                                       | 1            |           |        |
| Labrys neptuniae                                      | 1            |           |        |
| Labrys okinawensis                                    | 1            |           |        |
| Labrys portucalensis                                  | 1            |           |        |
| Labrys soli   | 1            |           | neu    |
| Labrys wisconsinensis                                 | 1            |           |        |
| <b>Laceyella</b>                                      |              |           |        |
| Laceyella putida (Thermoactinomyces putidus)          | 1            |           |        |
| Laceyella sacchari (Thermoactinomyces sacchari)       | 1            | +         |        |
| Laceyella sediminis                                   | 1            |           |        |
| Laceyella tengchongensis                              | 1            |           |        |
| Laceyella thermophila                                 | 1            |           | neu    |
| <b>Lachnoanaerobaculum</b>                            |              |           |        |
| Lachnoanaerobaculum orale                             | 1            |           |        |
| Lachnoanaerobaculum saburreum (Eubacterium saburreum) | 1            | +         |        |
| Lachnoanaerobaculum umeaense                          | 1            | +         |        |
| <b>Lachnobacterium</b>                                |              |           |        |
| Lachnobacterium bovis                                 | 1            |           |        |
| <b>Lachnospira</b>                                    |              |           |        |
| Lachnospira multipara                                 | 1            |           |        |
| Lachnospira pectinoschiza                             | 1            |           |        |
| <b>Lachnotalea</b>                                    |              |           |        |
| Lachnotalea glycerini                                 | 1            |           | neu    |
| <b>Lacibacter</b>                                     |              |           |        |
| Lacibacter cauensis                                   | 1            |           |        |
| Lacibacter daechungensis                              | 1            |           |        |
| Lacibacter nakdongensis                               | 1            |           | neu    |
| <b>Lacibacterium</b>                                  |              |           |        |
| Lacibacterium aquatile                                | 1            |           |        |
| <b>Lacihabitans</b>                                   |              |           |        |
| Lacihabitans lacunae                                  | 1            |           | neu    |
| Lacihabitans soyangensis                              | 1            |           | neu    |
| <b>Lacimicrobium</b>                                  |              |           |        |
| Lacimicrobium alkaliphilum                            | 1            |           | neu    |
| <b>Lacimonas</b>                                      |              |           |        |
| Lacimonas salitolerans                                | 1            |           | neu    |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| <b>Lacinutrix</b>   |              |           |        |
| Lacinutrix algicola   | 1            |           |        |
| Lacinutrix cladophorae  | 1            |           | neu    |
| Lacinutrix copepodicola   | 1            |           |        |
| Lacinutrix gracilariae  | 1            |           | neu    |
| Lacinutrix himadriensis   | 1            |           |        |
| Lacinutrix iliipiscaria (Flavirhabdus iliipiscaria)                           | 1            |           | Umb.   |
| Lacinutrix jangbogonensis   | 1            |           | neu    |
| Lacinutrix mariniflava  | 1            |           |        |
| Lacinutrix undariae   | 1            |           | neu    |
| Lacinutrix venerupis  | 1            |           | neu    |
| <b>Lacticigenium</b>  |              |           |        |
| Lacticigenium naphthae  | 1            |           |        |
| <b>Lactivibrio</b>  |              |           |        |
| Lactivibrio alcoholicus   | 1            |           |        |
| <b>Lactobacillus</b>  |              |           |        |
| Lactobacillus acetotolerans   | 1            |           |        |
| Lactobacillus acidifarinae  | 1            |           |        |
| Lactobacillus acidipiscis   | 1            |           |        |
| Lactobacillus acidophilus   | 1            | +         |        |
| Lactobacillus agilis  | 1            |           |        |
| Lactobacillus algidus   | 1            |           |        |
| Lactobacillus alimentarius  | 1            |           |        |
| Lactobacillus allii   | 1            |           | neu    |
| Lactobacillus amyolyticus   | 1            |           |        |
| Lactobacillus amyophilus  | 1            |           |        |
| Lactobacillus amyotrophicus   | 1            |           |        |
| Lactobacillus amylovorus  | 1            |           |        |
| Lactobacillus animalis  | 1            |           |        |
| Lactobacillus apinorum  | 1            |           | neu    |
| Lactobacillus apis  | 1            |           |        |
| Lactobacillus apodemi   | 1            |           |        |
| Lactobacillus aquaticus   | 1            |           |        |
| Lactobacillus arizonensis – synonym: Lactobacillus plantarum subsp. plantarum |              |           |        |
| Lactobacillus aviarius subsp. araffinosus                                     | 1            |           |        |
| Lactobacillus aviarius subsp. aviarius  | 1            |           |        |
| Lactobacillus backii  | 1            |           |        |
| Lactobacillus bavaricus – synonym: Lactobacillus sakei subsp. sakei           |              |           |        |
| Lactobacillus bifermentans  | 1            |           |        |
| Lactobacillus bobalius – synonym: Lactobacillus paralimentarius               |              |           |        |
| Lactobacillus bombi   | 1            |           | neu    |
| Lactobacillus bombicola   | 1            |           | neu    |
| Lactobacillus brantae   | 1            |           |        |
| Lactobacillus brevis  | 1            |           |        |
| Lactobacillus buchneri  | 1            |           |        |

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|---|--------------|-----------|--------|
| Lactobacillus bulgaricus → Lactobacillus delbrueckii subsp. bulgaricus                  |              |           |        |
| Lactobacillus cacaonum  | 1            |           |        |
| Lactobacillus camelliae   | 1            |           |        |
| Lactobacillus capillatus  | 1            |           |        |
| Lactobacillus carnis – synonym: Carnobacterium piscicola                                |              |           |        |
| Lactobacillus casei   | 1            | +         |        |
| Lactobacillus casei subsp. alactosus → Lactobacillus paracasei subsp. paracasei         |              |           |        |
| Lactobacillus casei subsp. pseudoplantarum → Lactobacillus paracasei subsp. paracasei   |              |           |        |
| Lactobacillus casei subsp. rhamnosus → Lactobacillus rhamnosus                          |              |           |        |
| Lactobacillus casei subsp. tolerans → Lactobacillus paracasei subsp. tolerans           |              |           |        |
| Lactobacillus catenaformis → Eggerthia catenaformis                                     |              |           |        |
| Lactobacillus caviae  | 1            |           | neu    |
| Lactobacillus cellobiosus – synonym: Lactobacillus fermentum                            |              |           |        |
| Lactobacillus cerevisiae  | 1            |           | neu    |
| Lactobacillus ceti  | 1            |           | neu    |
| Lactobacillus coleohominis  | 1            |           |        |
| Lactobacillus colini  | 1            |           | neu    |
| Lactobacillus collinoides   | 1            |           |        |
| Lactobacillus composti  | 1            |           |        |
| Lactobacillus concavus  | 1            |           |        |
| Lactobacillus confusus → Weissella confusa  |              |           |        |
| Lactobacillus coryniformis subsp. coryniformis  | 1            |           |        |
| Lactobacillus coryniformis subsp. torquens  | 1            |           |        |
| Lactobacillus crispatus   | 1            |           |        |
| Lactobacillus crustorum   | 1            |           |        |
| Lactobacillus curieae   | 1            |           |        |
| Lactobacillus curtus  | 1            |           | neu    |
| Lactobacillus curvatus (Lactobacillus curvatus subsp. curvatus)                         | 1            |           |        |
| Lactobacillus curvatus subsp. curvatus → Lactobacillus curvatus                         |              |           |        |
| Lactobacillus curvatus subsp. melibiosus – synonym: Lactobacillus sakei subsp. carnosus |              |           |        |
| Lactobacillus cypricasei – synonym: Lactobacillus acidipiscis                           |              |           |        |
| Lactobacillus delbrueckii subsp. bulgaricus (Lactobacillus bulgaricus)                  | 1            |           |        |
| Lactobacillus delbrueckii subsp. delbrueckii  | 1            |           |        |
| Lactobacillus delbrueckii subsp. indicus  | 1            |           |        |
| Lactobacillus delbrueckii subsp. jakobsenii   | 1            |           |        |
| Lactobacillus delbrueckii subsp. lactis (Lactobacillus lactis)                          | 1            |           |        |
| Lactobacillus delbrueckii subsp. sunkii   | 1            |           |        |

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|--|--------------|-----------|--------|
| Lactobacillus dextrinicus (Pediococcus dextrinicus)                | 1            |           |        |
| Lactobacillus diolivorans  | 1            |           |        |
| Lactobacillus divergens → Carnobacterium divergens                 |              |           |        |
| Lactobacillus durianis – synonym: Lactobacillus vaccinostercus     |              |           |        |
| Lactobacillus equi   | 1            |           |        |
| Lactobacillus equicursoris   | 1            |           |        |
| Lactobacillus equigenerosi   | 1            |           |        |
| Lactobacillus fabifermentans                                       | 1            |           |        |
| Lactobacillus faecis   | 1            |           |        |
| Lactobacillus farciminis   | 1            |           |        |
| Lactobacillus farraginis   | 1            |           |        |
| Lactobacillus ferintoshensis – synonym: Lactobacillus parabuchneri |              |           |        |
| Lactobacillus fermentum  | 1            | +         |        |
| Lactobacillus floricola  | 1            |           |        |
| Lactobacillus florum   | 1            |           |        |
| Lactobacillus formosensis  | 1            |           | neu    |
| Lactobacillus fornicalis   | 1            |           |        |
| Lactobacillus fructivorans   | 1            |           |        |
| Lactobacillus fructosus → Fructobacillus fructosus                 |              |           |        |
| Lactobacillus frumenti   | 1            |           |        |
| Lactobacillus fuchuensis   | 1            |           |        |
| Lactobacillus furfuricola  | 1            |           | neu    |
| Lactobacillus futsaii  | 1            |           |        |
| Lactobacillus gallinarum   | 1            |           |        |
| Lactobacillus gasseri  | 1            | +         |        |
| Lactobacillus gastricus  | 1            |           |        |
| Lactobacillus ghanensis  | 1            |           |        |
| Lactobacillus gigeriorum   | 1            |           |        |
| Lactobacillus gorillae   | 1            |           | neu    |
| Lactobacillus graminis   | 1            |           |        |
| Lactobacillus halotolerans → Weissella halotolerans                |              |           |        |
| Lactobacillus hammesii   | 1            |           |        |
| Lactobacillus hamsteri   | 1            |           |        |
| Lactobacillus harbinensis  | 1            |           |        |
| Lactobacillus hayakitensis   | 1            |           |        |
| Lactobacillus heilongjiangensis                                    | 1            |           |        |
| Lactobacillus helsingborgensis                                     | 1            |           | neu    |
| Lactobacillus helveticus   | 1            |           |        |
| Lactobacillus herbarum   | 1            |           | neu    |
| Lactobacillus heterohiochii – synonym: Lactobacillus fructivorans  |              |           |        |
| Lactobacillus hilgardii  | 1            |           |        |
| Lactobacillus hokkaidonensis                                       | 1            |           |        |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| Lactobacillus hominis   | 1            |           |        |
| Lactobacillus homohiochii   | 1            |           |        |
| Lactobacillus hordei  | 1            |           |        |
| Lactobacillus iners   | 1            | +         |        |
| Lactobacillus ingluviei   | 1            |           |        |
| Lactobacillus insicii   | 1            |           | neu    |
| Lactobacillus intestinalis  | 1            |           |        |
| Lactobacillus iwatensis   | 1            |           |        |
| Lactobacillus ixorae  | 1            |           | neu    |
| Lactobacillus jensenii  | 1            | +         |        |
| Lactobacillus johnsonii   | 1            |           |        |
| Lactobacillus kalixensis  | 1            |           |        |
| Lactobacillus kandleri → Weissella kandleri   |              |           |        |
| Lactobacillus kefiranofaciens subsp. kefiranofaciens                                  | 1            |           |        |
| Lactobacillus kefiranofaciens subsp. kefirgranum                                      | 1            |           |        |
| Lactobacillus kefirgranum – synonym: Lactobacillus kefiranofaciens subsp. kefirgranum |              |           |        |
| Lactobacillus kefiri  | 1            |           |        |
| Lactobacillus kimbladii   | 1            |           | neu    |
| Lactobacillus kimchicus   | 1            |           |        |
| Lactobacillus kimchiensis   | 1            |           |        |
| Lactobacillus kimchii – synonym: Lactobacillus paralimentarius                        |              |           |        |
| Lactobacillus kisonensis  | 1            |           |        |
| Lactobacillus kitasatonis   | 1            |           |        |
| Lactobacillus koreensis   | 1            |           |        |
| Lactobacillus kullabergensis  | 1            |           | neu    |
| Lactobacillus kunkeei   | 1            |           |        |
| Lactobacillus lactis → Lactobacillus delbrueckii subsp. lactis                        |              |           |        |
| Lactobacillus leichmannii – synonym: Lactobacillus delbrueckii subsp. lactis          |              |           |        |
| Lactobacillus lindneri  | 1            |           |        |
| Lactobacillus malefermentans  | 1            |           |        |
| Lactobacillus mali  | 1            |           |        |
| Lactobacillus maltaromicus → Carnobacterium maltaromaticum                            |              |           |        |
| Lactobacillus manihotivorans  | 1            |           |        |
| Lactobacillus mellifer  | 1            |           | neu    |
| Lactobacillus mellis  | 1            |           | neu    |
| Lactobacillus melliventris  | 1            |           | neu    |
| Lactobacillus mindensis   | 1            |           |        |
| Lactobacillus minor → Weissella minor   |              |           |        |
| Lactobacillus minutus → Atopobium minutum   |              |           |        |
| Lactobacillus mixtipabuli   | 1            |           | neu    |
| Lactobacillus modestisalitolerans   | 1            |           | neu    |
| Lactobacillus mucosae   | 1            |           |        |
| Lactobacillus mudanjiangensis   | 1            |           |        |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| Lactobacillus murinus   | 1            |           |        |
| Lactobacillus musae   | 1            |           | neu    |
| Lactobacillus nagelii   | 1            |           |        |
| Lactobacillus namurensis  | 1            |           |        |
| Lactobacillus nantensis   | 1            |           |        |
| Lactobacillus nasuensis   | 1            |           |        |
| Lactobacillus nenjiangensis   | 1            |           |        |
| Lactobacillus nodensis  | 1            |           |        |
| Lactobacillus odoratitofui  | 1            |           |        |
| Lactobacillus oeni  | 1            |           |        |
| Lactobacillus oligofermentans   | 1            |           |        |
| Lactobacillus oris  | 1            |           |        |
| Lactobacillus oryzae  | 1            |           |        |
| Lactobacillus otakiensis  | 1            |           |        |
| Lactobacillus ozensis   | 1            |           |        |
| Lactobacillus panis   | 1            |           |        |
| Lactobacillus pantheris   | 1            |           |        |
| Lactobacillus parabrevis  | 1            |           |        |
| Lactobacillus parabuchneri  | 1            |           |        |
| Lactobacillus paracasei subsp. paracasei (Lactobacillus casei subsp. alactosus, Lactobacillus casei subsp. pseudoplantarum) | 1            | +         |        |
| Lactobacillus paracasei subsp. tolerans (Lactobacillus casei subsp. tolerans)   | 1            |           |        |
| Lactobacillus paracollinoides   | 1            |           |        |
| Lactobacillus parafarraginis  | 1            |           |        |
| Lactobacillus parakefiri  | 1            |           |        |
| Lactobacillus paralimentarius   | 1            |           |        |
| Lactobacillus paraplanantarum   | 1            |           |        |
| Lactobacillus pasteurii   | 1            |           |        |
| Lactobacillus paucivorans   | 1            |           |        |
| Lactobacillus pentosiphilus   | 1            |           | neu    |
| Lactobacillus pentosus  | 1            |           |        |
| Lactobacillus perolens  | 1            |           |        |
| Lactobacillus piscicola → Carnobacterium piscicola  |              |           |        |
| Lactobacillus plajomi   | 1            |           | neu    |
| Lactobacillus plantarum subsp. argentoratensis  | 1            | +         |        |
| Lactobacillus plantarum subsp. plantarum (Lactobacillus plantarum)  | 1            | +         |        |
| Lactobacillus plantarum → Lactobacillus plantarum subsp. plantarum  |              |           |        |
| Lactobacillus pobuzihii   | 1            |           |        |
| Lactobacillus pontis  | 1            |           |        |
| Lactobacillus porcinae  | 1            |           |        |
| Lactobacillus psittaci  | 1            | t+        |        |
| Lactobacillus rapi  | 1            |           |        |
| Lactobacillus rennini   | 1            |           |        |
| Lactobacillus reuteri   | 1            |           |        |

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|---|--------------|-----------|--------|
| Lactobacillus rhamnosus (Lactobacillus casei subsp. rhamnosus)  | 2            | TA        |        |
| Lactobacillus rimae → Atopobium rimae   |              |           |        |
| Lactobacillus rodentium   | 1            |           |        |
| Lactobacillus rogosae   | 1            |           |        |
| Lactobacillus rossiae   | 1            |           |        |
| Lactobacillus ruminis   | 1            |           |        |
| Lactobacillus saerimneri  | 1            |           |        |
| Lactobacillus sakei subsp. carnosus   | 1            |           |        |
| Lactobacillus sakei subsp. sakei  | 1            |           |        |
| Lactobacillus salivarius (Lactobacillus salivarius subsp. salicinius, Lactobacillus salivarius subsp. salivarius) | 1            |           |        |
| Lactobacillus salivarius subsp. salicinius → Lactobacillus salivarius   |              |           |        |
| Lactobacillus salivarius subsp. salivarius → Lactobacillus salivarius   |              |           |        |
| Lactobacillus sanfranciscensis  | 1            |           |        |
| Lactobacillus saniviri  | 1            |           |        |
| Lactobacillus satsumensis   | 1            |           |        |
| Lactobacillus secaliphilus  | 1            |           |        |
| Lactobacillus selangorensis (Paralactobacillus selangorensis)   | 1            |           |        |
| Lactobacillus senioris  | 1            |           |        |
| Lactobacillus senmaizukei   | 1            |           |        |
| Lactobacillus sharpeae  | 1            |           |        |
| Lactobacillus shenzhenensis   | 1            |           |        |
| Lactobacillus sicerae   | 1            |           | neu    |
| Lactobacillus silagei   | 1            |           |        |
| Lactobacillus silagincola   | 1            |           | neu    |
| Lactobacillus siliginis   | 1            |           |        |
| Lactobacillus similis   | 1            |           |        |
| Lactobacillus sobrius – synonym: Lactobacillus amylovorus   |              |           |        |
| Lactobacillus songhuajiangensis   | 1            |           |        |
| Lactobacillus spicheri  | 1            |           |        |
| Lactobacillus sucicola  | 1            |           |        |
| Lactobacillus suebicus  | 1            |           |        |
| Lactobacillus sunkii  | 1            |           |        |
| Lactobacillus suntoryeus – synonym: Lactobacillus helveticus  |              |           |        |
| Lactobacillus taiwanensis   | 1            |           |        |
| Lactobacillus thailandensis   | 1            |           |        |
| Lactobacillus thermotolerans – synonym: Lactobacillus ingluviei   |              |           |        |
| Lactobacillus trichodes – synonym: Lactobacillus fructivorans   |              |           |        |
| Lactobacillus tucseti   | 1            |           |        |
| Lactobacillus uli → Olsenella uli   |              |           |        |
| Lactobacillus ultunensis  | 1            |           |        |

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|--|--------------|-----------|--------|
| <i>Lactobacillus uvarum</i>  | 1            |           |        |
| <i>Lactobacillus vaccinostrercus</i>   | 1            |           |        |
| <i>Lactobacillus vaginalis</i>   | 1            |           |        |
| <i>Lactobacillus verismoldensis</i>  | 1            |           |        |
| <i>Lactobacillus vespulae</i>  | 1            |           | neu    |
| <i>Lactobacillus vini</i>  | 1            |           |        |
| <i>Lactobacillus viridescens</i> → <i>Weissella viridescens</i>                        |              |           |        |
| <i>Lactobacillus vitulinus</i> → <i>Kandleria vitulina</i>                             |              |           |        |
| <i>Lactobacillus wasatchensis</i>  | 1            |           | neu    |
| <i>Lactobacillus xiangfangensis</i>  | 1            |           |        |
| <i>Lactobacillus xylosus</i> – synonym: <i>Lactococcus lactis</i> subsp. <i>lactis</i> |              |           |        |
| <i>Lactobacillus yamanashiensis</i> – synonym: <i>Lactobacillus mali</i>               |              |           |        |
| <i>Lactobacillus yonginensis</i>   | 1            |           |        |
| „ <i>Lactobacillus zeae</i> “  | 1            |           |        |
| <i>Lactobacillus zymae</i>   | 1            |           |        |
| <b>Lactococcus</b>   |              |           |        |
| <i>Lactococcus chungangensis</i>   | 1            |           |        |
| <i>Lactococcus formosensis</i>   | 1            |           |        |
| <i>Lactococcus fujiensis</i>   | 1            |           |        |
| <i>Lactococcus garvieae</i> → <i>Lactococcus garvieae</i> subsp. <i>garvieae</i>       |              |           | Umb.   |
| <i>Lactococcus garvieae</i> subsp. <i>garvieae</i> ( <i>Lactococcus garvieae</i> )     | 2            | ht        | Umb.   |
| <i>Lactococcus hircilactis</i>   | 1            |           | neu    |
| <i>Lactococcus lactis</i> subsp. <i>cremoris</i> ( <i>Streptococcus cremoris</i> )     | 1            | ht+       | Bem.   |
| <i>Lactococcus lactis</i> subsp. <i>hordniae</i>                                       | 1            |           |        |
| <i>Lactococcus lactis</i> subsp. <i>lactis</i> ( <i>Streptococcus lactis</i> )         | 1            | ht+       | Bem.   |
| <i>Lactococcus lactis</i> subsp. <i>tractae</i>  | 1            |           |        |
| <i>Lactococcus laudensis</i>   | 1            |           | neu    |
| <i>Lactococcus nasutitermitis</i>  | 1            |           | neu    |
| <i>Lactococcus petauri</i>   | 1            | t+        | neu    |
| <i>Lactococcus piscium</i>   | 1            |           |        |
| <i>Lactococcus plantarum</i> ( <i>Streptococcus plantarum</i> )                        | 1            |           |        |
| <i>Lactococcus raffinolactis</i> ( <i>Streptococcus raffinolactis</i> )                | 1            |           |        |
| <i>Lactococcus taiwanensis</i>   | 1            |           |        |
| <b>Lactonifactor</b>   |              |           |        |
| <i>Lactonifactor longoviformis</i>   | 1            |           |        |
| <b>Lactosphaera</b> → <b>Trichococcus</b>  |              |           |        |
| <i>Lactosphaera pasteurii</i> → <i>Trichococcus pasteurii</i>                          |              |           |        |
| <b>Lactovum</b>  |              |           |        |
| <i>Lactovum miscens</i>  | 1            |           |        |
| <b>Lamprobacter</b>  |              |           |        |
| <i>Lamprobacter modestohalophilus</i>  | 1            |           |        |



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|---|--------------|-----------|--------|
| <b>Lamprocystis</b>   |              |           |        |
| Lamprocystis purpurea (Amoebobacter purpureus, Pfennigia purpurea)  | 1            |           |        |
| Lamprocystis roseopersicina   | 1            |           |        |
| <b>Lampropedia</b>  |              |           |        |
| Lampropedia cohaerens   | 1            |           | neu    |
| Lampropedia hyalina   | 1            |           |        |
| <b>Lapillicoccus</b>  |              |           |        |
| Lapillicoccus jejuensis   | 1            |           |        |
| <b>Laribacter</b>   |              |           |        |
| Laribacter hongkongensis  | 2            |           |        |
| <b>Larkinella</b>   |              |           |        |
| Larkinella arboricola   | 1            |           |        |
| Larkinella bovis  | 1            |           |        |
| Larkinella harenae  | 1            |           | neu    |
| Larkinella insperata  | 1            |           |        |
| Larkinella ripae  | 1            |           | neu    |
| Larkinella soli   | 1            |           | neu    |
| <b>Larsenimonas</b>   |              |           |        |
| Larsenimonas salina   | 1            |           | neu    |
| Larsenimonas suaedae  | 1            |           | neu    |
| <b>Lautropia</b>  |              |           |        |
| Lautropia mirabilis   | 1            |           |        |
| <b>Lawsonella</b>   |              |           |        |
| Lawsonella clevelandensis   | 1            | +         | neu    |
| <b>Lawsonia</b>   |              |           |        |
| Lawsonia intracellularis  | 2            | t         |        |
| <b>Leadbetterella</b>   |              |           |        |
| Leadbetterella byssophila   | 1            |           |        |
| <b>Lebetimonas</b>  |              |           |        |
| Lebetimonas acidiphila  | 1            |           |        |
| Lebetimonas natsushimae   | 1            |           | neu    |
| <b>Lechevalieria</b>  |              |           |        |
| Lechevalieria aerocolonigenes subsp. aerocolonigenes (Saccharothrix aerocolonigenes subsp. aerocolonigenes) | 1            | +         |        |
| Lechevalieria atacamensis   | 1            |           |        |
| Lechevalieria deserti   | 1            |           |        |
| Lechevalieria flava (Actinomadura flava, Nocardiopsis flava, Saccharothrix flava)                           | 1            |           |        |
| Lechevalieria fradiae   | 1            |           |        |
| Lechevalieria nigeriaca   | 1            |           |        |
| Lechevalieria rhizosphaerae   | 1            |           | neu    |
| Lechevalieria roselyniae  | 1            |           |        |
| Lechevalieria xinjiangensis   | 1            |           |        |
| <b>Leclercia</b>  |              |           |        |
| Leclercia adecarboxylata (Escherichia adecarboxylata)   | 2            |           |        |

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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| <b>Leeia</b>   |              |           |        |
| Leeia oryzae   | 1            |           |        |
| <b>Leeuwenhoekiella</b>                              |              |           |        |
| Leeuwenhoekiella aequorea                            | 1            |           |        |
| Leeuwenhoekiella blandensis                          | 1            |           |        |
| Leeuwenhoekiella marinoflava (Cytophaga marinoflava) | 1            |           |        |
| Leeuwenhoekiella nanhaiensis                         | 1            |           | neu    |
| Leeuwenhoekiella palythoae                           | 1            |           |        |
| Leeuwenhoekiella polynyaе                            | 1            |           | neu    |
| <b>Legionella</b>                                    |              |           |        |
| Legionella adelaidensis                              | 1            | +         |        |
| Legionella anisa                                     | 2            |           |        |
| Legionella beliardensis                              | 1            |           |        |
| Legionella birminghamensis                           | 2            |           |        |
| Legionella bozemanii → Fluoribacter bozemanae        |              |           |        |
| Legionella brunensis                                 | 1            | +         |        |
| Legionella busanensis                                | 1            |           |        |
| Legionella cardiaca                                  | 2            |           |        |
| Legionella cherrii                                   | 1            | +         |        |
| Legionella cincinnatiensis                           | 2            |           |        |
| Legionella drancourtii                               | 1            |           |        |
| Legionella dresdenensis                              | 1            |           |        |
| Legionella drozanskii                                | 1            |           |        |
| Legionella dumoffii → Fluoribacter dumoffii          |              |           |        |
| Legionella erythra                                   | 1            | +         |        |
| Legionella fairfieldensis                            | 1            | +         |        |
| Legionella fallonii                                  | 1            |           |        |
| Legionella feeleei                                   | 2            |           |        |
| Legionella geestiana                                 | 1            |           |        |
| Legionella gormanii → Fluoribacter gormanii          |              |           |        |
| Legionella gratiana                                  | 1            | +         |        |
| Legionella gresilensis                               | 1            |           |        |
| Legionella hackeliae                                 | 2            |           |        |
| Legionella impletisoli                               | 1            |           |        |
| Legionella israelensis                               | 1            | +         |        |
| Legionella jamestowniensis                           | 1            | +         |        |
| Legionella jordanis                                  | 2            |           |        |
| Legionella lansingensis                              | 2            |           |        |
| Legionella londiniensis                              | 1            |           |        |
| Legionella longbeachae                               | 2            |           |        |
| Legionella lytica (Sarcobium lyticum)                | 1            |           |        |
| Legionella maceachernii → Tatlockia maceachernii     |              |           |        |
| Legionella massiliensis                              | 1            |           | neu    |
| Legionella micdadei → Tatlockia micdadei             |              |           |        |
| Legionella moravica                                  | 1            | +         |        |

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|--|--------------|-----------|--------|
| <i>Legionella nagasakiensis</i>  | 1            | +         |        |
| <i>Legionella nautarum</i>   | 1            |           |        |
| <i>Legionella oakridgensis</i>   | 2            |           |        |
| <i>Legionella parisiensis</i>  | 1            | +         |        |
| <i>Legionella pittsburghensis</i> – synonym: <i>Tatlockia micdadei</i>       |              |           |        |
| <i>Legionella pneumophila</i> subsp. <i>fraseri</i>                          | 2            |           |        |
| <i>Legionella pneumophila</i> subsp. <i>pascullei</i>                        | 2            |           |        |
| <i>Legionella pneumophila</i> subsp. <i>pneumophila</i>                      | 2            |           |        |
| <i>Legionella quateirensis</i>   | 1            |           |        |
| <i>Legionella quinlivanii</i>  | 1            | +         |        |
| <i>Legionella rowbothamii</i>  | 1            |           |        |
| <i>Legionella rubrilucens</i>  | 1            |           |        |
| <i>Legionella sainthelensi</i>   | 2            |           |        |
| <i>Legionella santicrucis</i>  | 1            | +         |        |
| <i>Legionella saoudiensis</i>  | 1            |           | neu    |
| <i>Legionella shakespearei</i>   | 1            |           |        |
| <i>Legionella spiritensis</i>  | 1            |           |        |
| <i>Legionella steelei</i>  | 1            | +         |        |
| <i>Legionella steigerwaltii</i>  | 1            | +         |        |
| <i>Legionella taurinensis</i>  | 1            |           |        |
| <i>Legionella thermalis</i>  | 1            |           | neu    |
| <i>Legionella tucsonensis</i>  | 2            |           |        |
| <i>Legionella tunisiensis</i>  | 1            |           | neu    |
| <i>Legionella wadsworthii</i>  | 2            |           |        |
| <i>Legionella waltersii</i>  | 1            |           |        |
| <i>Legionella worsleiensis</i>   | 1            |           |        |
| <i>Legionella yabuuchiae</i>   | 1            |           |        |
| <b>Leifsonia</b>   |              |           |        |
| <i>Leifsonia antarctica</i>  | 1            |           |        |
| <i>Leifsonia aquatica</i> („ <i>Corynebacterium aquaticum</i> “)             | 1            |           |        |
| <i>Leifsonia aurea</i> → <i>Rhodoglobus aureus</i>                           |              |           |        |
| <i>Leifsonia bigeumensis</i>   | 1            |           |        |
| <i>Leifsonia cynodontis</i> = <i>Leifsonia xyli</i> subsp. <i>cynodontis</i> | 1            | p         |        |
| <i>Leifsonia ginsengi</i> → <i>Herbiconiux ginsengi</i>                      |              |           |        |
| <i>Leifsonia kafniensis</i>  | 1            |           |        |
| <i>Leifsonia kribbensis</i> → <i>Lysinimonas kribbensis</i>                  |              |           |        |
| <i>Leifsonia lichenia</i>  | 1            |           |        |
| <i>Leifsonia naganoensis</i>   | 1            |           |        |
| <i>Leifsonia pindariensis</i> → <i>Microterricola pindariensis</i>           |              |           | Umb.   |
| <i>Leifsonia poae</i>  | 1            |           |        |
| <i>Leifsonia psychrotolerans</i>   | 1            |           |        |
| <i>Leifsonia rubra</i>   | 1            |           |        |
| <i>Leifsonia shinshuensis</i>  | 1            |           |        |
| <i>Leifsonia soli</i>  | 1            |           |        |

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|--|--------------|-----------|--------|
| Leifsonia xyli subsp. cynodontis (Clavibacter xyli subsp. cynodontis) = Leifsonia cynodontis | 1            | p         |        |
| Leifsonia xyli subsp. xyli (Clavibacter xyli subsp. xyli)                                    | 1            | p         |        |
| <b>Leisingera</b>  |              |           |        |
| Leisingera aquaemixtae (Phaeobacter aquaemixtae)   | 1            |           | Umb.   |
| Leisingera aquimarina  | 1            |           |        |
| Leisingera caerulea (Phaeobacter caeruleus)  | 1            |           | Umb.   |
| Leisingera daeponensis (Phaeobacter daeponensis)   | 1            |           | Umb.   |
| Leisingera methylohalidivorans   | 1            |           |        |
| Leisingera nanhaiensis   | 1            |           |        |
| Leisingera nanheiensis → Sedimentitalea nanhaiensis  |              |           | Umb.   |
| <b>Lelliottia</b>  |              |           |        |
| Lelliottia amnigena (Enterobacter amnigenus)   | 2            | TA        |        |
| Lelliottia nimipressuralis (Enterobacter nimipressuralis)                                    | 1            | p         |        |
| <b>Leminorella</b>   |              |           |        |
| Leminorella grimontii  | 1            | +         |        |
| Leminorella richardii  | 1            | +         |        |
| <b>Lentibacillus</b>   |              |           |        |
| Lentibacillus amyloliquefaciens  | 1            |           | neu    |
| Lentibacillus garicola   | 1            |           | neu    |
| Lentibacillus halodurans   | 1            |           |        |
| Lentibacillus halophilus   | 1            |           |        |
| Lentibacillus jeotgali   | 1            |           |        |
| Lentibacillus juripiscarius  | 1            |           |        |
| Lentibacillus kapialis   | 1            |           |        |
| Lentibacillus lacisalsi  | 1            |           |        |
| Lentibacillus persicus   | 1            |           |        |
| Lentibacillus populi   | 1            |           | neu    |
| Lentibacillus salarius   | 1            |           |        |
| Lentibacillus salicampi  | 1            |           |        |
| Lentibacillus salinarum  | 1            |           |        |
| Lentibacillus salis  | 1            |           |        |
| Lentibacillus sediminis  | 1            |           | neu    |
| <b>Lentibacter</b>   |              |           |        |
| Lentibacter algarum  | 1            |           |        |
| <b>Lentilitoribacter</b>   |              |           |        |
| Lentilitoribacter donghaensis  | 1            |           |        |
| <b>Lentimicrobium</b>  |              |           |        |
| Lentimicrobium saccharophilum  | 1            |           | neu    |
| <b>Lentisphaera</b>  |              |           |        |
| Lentisphaera araneosa  | 1            |           |        |
| Lentisphaera marina  | 1            |           |        |
| Lentisphaera profundii   | 1            |           | neu    |
| <b>Lentzea</b>   |              |           |        |

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|--|--------------|-----------|--------|
| Lentzea albida (Saccharothrix aerocolonigenes subsp. staurosporea) | 1            |           |        |
| Lentzea albidocapillata (Saccharothrix albido-capillata)           | 1            | +         |        |
| Lentzea californiensis   | 1            |           |        |
| Lentzea cavernae   | 1            |           | neu    |
| Lentzea chajnantorensis  | 1            |           | neu    |
| Lentzea flaviverrucosa   | 1            |           |        |
| Lentzea guizhouensis   | 1            |           | neu    |
| Lentzea jiangxiensis   | 1            |           |        |
| Lentzea kentuckyensis  | 1            |           |        |
| Lentzea pudingi  | 1            |           | neu    |
| Lentzea violacea (Saccharothrix violacea)                          | 1            |           |        |
| Lentzea waywayandensis (Saccharothrix waywayandensis)              | 1            |           |        |
| <b>Leptobacterium</b>  |              |           |        |
| Leptobacterium flavescens  | 1            |           |        |
| <b>Leptolinea</b>  |              |           |        |
| Leptolinea tardivitalis  | 1            |           |        |
| <b>Leptonema</b>   |              |           |        |
| Leptonema illini   | 1            |           |        |
| <b>Leptospira</b>  |              |           |        |
| Leptospira alexanderi  | 1            | +         |        |
| Leptospira alstonii  | 2            | Z         | neu    |
| Leptospira biflexa   | 1            |           |        |
| Leptospira borgpetersenii  | 2            | Z         |        |
| Leptospira broomii   | 2            | Z         |        |
| Leptospira fainei  | 2            | Z         |        |
| Leptospira idonii  | 1            |           |        |
| Leptospira inadai  | 2            | Z         |        |
| Leptospira interrogans   | 2            | Z         |        |
| Leptospira kirschneri  | 2            | Z         |        |
| Leptospira kmetyi  | 2            |           |        |
| Leptospira licerasiae  | 2            | Z         |        |
| Leptospira mayottensis   | 2            | Z         | neu    |
| Leptospira meyeri  | 1            |           |        |
| Leptospira noguchii  | 2            | Z         |        |
| Leptospira parva → Turneriella parva                               |              |           |        |
| Leptospira santarosai  | 2            | Z         |        |
| Leptospira terpstrae   | 1            |           |        |
| Leptospira vanthielii  | 1            |           |        |
| Leptospira weilii  | 2            | Z         |        |
| Leptospira wolbachii   | 1            |           |        |
| Leptospira wolffii   | 2            | Z         |        |
| Leptospira yanagawae   | 1            |           |        |
| <b>Leptospirillum</b>  |              |           |        |
| Leptospirillum ferriphilum   | 1            |           |        |
| Leptospirillum ferrooxidans  | 1            |           |        |

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| <i>Leptospirillum thermoferrooxidans</i>                                  | 1            |           |        |
| <b>Leptothrix</b>   |              |           |        |
| <i>Leptothrix cholodnii</i>   | 1            |           |        |
| <i>Leptothrix discophora</i>  | 1            |           |        |
| <i>Leptothrix lopholea</i>  | 1            |           |        |
| <i>Leptothrix mobilis</i>   | 1            |           |        |
| <i>Leptothrix ochracea</i>  | 1            |           |        |
| <b>Leptotrichia</b>   |              |           |        |
| <i>Leptotrichia buccalis</i>  | 2            | ht        |        |
| <i>Leptotrichia goodfellowii</i>  | 1            | +         |        |
| <i>Leptotrichia hofstadii</i>   | 1            |           |        |
| <i>Leptotrichia hongkongensis</i>   | 1            | +         |        |
| <i>Leptotrichia shahii</i>  | 1            | +         |        |
| <i>Leptotrichia trevisanii</i>  | 1            | +         |        |
| <i>Leptotrichia wadei</i>   | 1            |           |        |
| <b>Leucobacter</b>  |              |           |        |
| <i>Leucobacter aerolatus</i>  | 1            |           |        |
| <i>Leucobacter albus</i>  | 1            |           |        |
| <i>Leucobacter alluvii</i>  | 1            |           |        |
| <i>Leucobacter aridicollis</i>  | 1            |           |        |
| <i>Leucobacter celer</i> → <i>Leucobacter celer</i> subsp. <i>celer</i>   |              |           | Umb.   |
| <i>Leucobacter celer</i> subsp. <i>astrifaciens</i>                       | 1            | n2        | neu    |
| <i>Leucobacter celer</i> subsp. <i>celer</i> ( <i>Leucobacter celer</i> ) | 1            |           | Umb.   |
| <i>Leucobacter chironomi</i>  | 1            |           |        |
| <i>Leucobacter chromiireducens</i> subsp. <i>chromiireducens</i>          | 1            |           |        |
| <i>Leucobacter chromiireducens</i> subsp. <i>solipictus</i>               | 1            |           |        |
| <i>Leucobacter chromiiresistens</i>                                       | 1            |           |        |
| <i>Leucobacter corticis</i>   | 1            |           | neu    |
| <i>Leucobacter denitrificans</i>  | 1            |           |        |
| <i>Leucobacter exalbidus</i>  | 1            |           |        |
| <i>Leucobacter holotrichiae</i>   | 1            |           | neu    |
| <i>Leucobacter iarius</i>   | 1            |           |        |
| <i>Leucobacter komagatae</i>  | 1            |           |        |
| <i>Leucobacter luti</i>   | 1            |           |        |
| <i>Leucobacter musarum</i> subsp. <i>japonicus</i>                        | 1            | n2        | neu    |
| <i>Leucobacter musarum</i> subsp. <i>musarum</i>                          | 1            | n2        | neu    |
| <i>Leucobacter populi</i>   | 1            |           | neu    |
| <i>Leucobacter ruminantium</i>  | 1            |           | neu    |
| <i>Leucobacter salsicius</i>  | 1            |           |        |
| <i>Leucobacter tardus</i>   | 1            |           |        |
| <i>Leucobacter triazinivorans</i>   | 1            |           | neu    |
| <i>Leucobacter weissii</i>  | 1            |           | neu    |
| <i>Leucobacter zeae</i>   | 1            |           | neu    |
| <b>Leuconostoc</b>  |              |           |        |

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|--|----------------|-----------|--------|
| Leuconostoc amelibiosum – synonym: Leuconostoc citreum                     |                |           |        |
| Leuconostoc argentinum – synonym: Leuconostoc lactis                       |                |           |        |
| Leuconostoc carnosum   | 1              |           |        |
| Leuconostoc citreum  | 1              | +         |        |
| Leuconostoc cremoris → Leuconostoc mesenteroides subsp. cremoris           |                |           |        |
| Leuconostoc dextranicum → Leuconostoc mesenteroides subsp. dextranicum     |                |           |        |
| Leuconostoc durionis → Fructobacillus durionis                             |                |           |        |
| Leuconostoc fallax   | 1              |           |        |
| Leuconostoc ficulneum → Fructobacillus ficulneus                           |                |           |        |
| Leuconostoc fructosum (Lactobacillus fructosus) → Fructobacillus fructosus |                |           |        |
| Leuconostoc gasicomitatum → Leuconostoc gelidum subsp. gasicomitatum       |                |           |        |
| Leuconostoc gelidum subsp. aenigmaticum                                    | 1              |           |        |
| Leuconostoc gelidum subsp. gasicomitatum (Leuconostoc gasicomitatum)       | 1              |           |        |
| Leuconostoc gelidum subsp. gelidum (Leuconostoc gelidum)                   | 1              |           |        |
| Leuconostoc gelidum → Leuconostoc gelidum subsp. gelidum                   |                |           |        |
| Leuconostoc holzapfelii  | 1              |           |        |
| Leuconostoc inhae  | 1              |           |        |
| Leuconostoc kimchii  | 1              |           |        |
| Leuconostoc lactis   | 1              | +         |        |
| Leuconostoc mesenteroides subsp. cremoris (Leuconostoc cremoris)           | 1              |           |        |
| Leuconostoc mesenteroides subsp. dextranicum (Leuconostoc dextranicum)     | 1              | +         |        |
| Leuconostoc mesenteroides subsp. jongsakulii                               | 1              |           | neu    |
| Leuconostoc mesenteroides subsp. mesenteroides                             | 2 <sup>G</sup> | TA        |        |
| Leuconostoc mesenteroides subsp. suionicum                                 | 1              |           |        |
| Leuconostoc mesenteroides subsp. suionicum → Leuconostoc suionicum         |                |           | Umb.   |
| Leuconostoc miyukkimchii   | 1              |           |        |
| Leuconostoc oenos → Oenococcus oeni  |                |           |        |
| Leuconostoc palmae   | 1              |           |        |
| Leuconostoc paramesenteroides → Weissella paramesenteroides                |                |           |        |
| Leuconostoc pseudoficulneum → Fructobacillus pseudofiliculneus             |                |           |        |
| Leuconostoc pseudomesenteroides  | 1              | +         |        |
| Leuconostoc rapi   | 1              |           | neu    |
| Leuconostoc suionicum (Leuconostoc mesenteroides subsp. suionicum)         | 1              |           | Umb.   |

<sup>G</sup> Auf eine abweichende Einstufung in der „Liste risikobewerteter Spender- und Empfängerorganismen für gentechnische Arbeiten“ wird hingewiesen.

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|--|--------------|-----------|--------|
| <i>Leucothrix pacifica</i>                                     | 1            |           | neu    |
| <b>Levilinea</b>   |              |           |        |
| <i>Levilinea saccharolytica</i>                                | 1            |           |        |
| <b>Levinea</b>   |              |           |        |
| <i>Levinea amalomatica</i> → <i>Citrobacter amalonicus</i>     |              |           |        |
| <i>Levinea malomatica</i> – synonym: <i>Citrobacter koseri</i> |              |           |        |
| <b>Lewinella</b>   |              |           |        |
| <i>Lewinella agarilytica</i>                                   | 1            |           |        |
| <i>Lewinella antarctica</i>                                    | 1            |           |        |
| <i>Lewinella aquimaris</i>                                     | 1            |           | neu    |
| <i>Lewinella cohaerens</i> ( <i>Herpetosiphon cohaerens</i> )  |              |           |        |
| <i>Lewinella lacunae</i>                                       | 1            |           | neu    |
| <i>Lewinella lutea</i>   | 1            |           |        |
| <i>Lewinella marina</i>  | 1            |           |        |
| <i>Lewinella maritima</i>                                      | 1            |           | neu    |
| <i>Lewinella nigricans</i> ( <i>Herpetosiphon nigricans</i> )  | 1            |           |        |
| <i>Lewinella persica</i> ( <i>Herpetosiphon persicus</i> )     | 1            |           |        |
| <i>Lewinella xylanilytica</i>                                  | 1            |           | neu    |
| <b>„Liberibacter“</b>  |              |           |        |
| „Liberibacter africanus“ (Candidatus) <sup>11</sup>            | 1            | p3        |        |
| „Liberibacter americanus“ (Candidatus) <sup>11</sup>           | 1            | p3        |        |
| „Liberibacter asiaticus“ (Candidatus) <sup>11</sup>            | 1            | p3        |        |
| „Liberibacter solanacearum“ (Candidatus) <sup>11</sup>         | 1            | p3        |        |
| <b>Liberibacter</b>  |              |           |        |
| <i>Liberibacter crescens</i>                                   | 1            | p+        | neu    |
| <b>Lihuaxuella</b>   |              |           |        |
| <i>Lihuaxuella thermophila</i>                                 | 1            |           |        |
| <b>Limibacillus</b>  |              |           |        |
| <i>Limibacillus halophilus</i>                                 | 1            |           | neu    |
| <b>Limibacter</b>  |              |           |        |
| <i>Limibacter armeniacum</i>                                   | 1            |           |        |
| <b>Limibaculum</b>   |              |           |        |
| <i>Limibaculum halophilum</i>                                  | 1            |           | neu    |
| <b>Limimonas</b>   |              |           |        |
| <i>Limimonas halophila</i>                                     | 1            |           |        |
| <b>Limisphaera</b>   |              |           |        |
| <i>Limisphaera ngatamarikiensis</i>                            | 1            |           | neu    |
| <b>Limnobacter</b>   |              |           |        |
| <i>Limnobacter humi</i>  | 1            |           | neu    |
| <i>Limnobacter litoralis</i>                                   | 1            |           |        |
| <i>Limnobacter thiooxidans</i>                                 | 1            |           |        |
| <b>Limnochorda</b>   |              |           |        |

<sup>11</sup> Das „Candidatus“-Konzept wird für gut charakterisierte Organismen verwendet, für die bisher noch keine kultivierbaren Isolate (inkl. Typstamm) vorliegen. Aufgrund der hohen ökonomischen Relevanz der durch diese Spezies verursachten Pflanzenkrankheit, wird sie jedoch hier mit aufgeführt.



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|--|--------------|-----------|--------|
| <i>Limnochorda pilosa</i>  | 1            |           | neu    |
| <b>Limnohabitans</b>   |              |           |        |
| <i>Limnohabitans australis</i>   | 1            |           |        |
| <i>Limnohabitans curvus</i>  | 1            |           |        |
| <i>Limnohabitans parvus</i>  | 1            |           |        |
| <i>Limnohabitans planktonicus</i>  | 1            |           |        |
| <b>Lipingzhangella</b>   |              |           |        |
| <i>Lipingzhangella halophila</i>   | 1            |           | neu    |
| <b>Lishizhenia</b>   |              |           |        |
| <i>Lishizhenia caseinilytica</i>   | 1            |           |        |
| <i>Lishizhenia tianjinensis</i>  | 1            |           |        |
| <b>Listeria</b>  |              |           |        |
| <i>Listeria aquatica</i>   | 1            |           |        |
| <i>Listeria booriae</i>  | 1            |           | neu    |
| <i>Listeria cornellensis</i>   | 1            |           |        |
| <i>Listeria denitrificans</i> → <i>Jonesia denitrificans</i>   |              |           |        |
| <i>Listeria fleischmannii</i> subsp. <i>coloradonensis</i>   | 1            |           |        |
| <i>Listeria fleischmannii</i> subsp. <i>fleischmannii</i> ( <i>Listeria fleischmannii</i> )                      | 1            |           |        |
| <i>Listeria fleischmannii</i> → <i>Listeria fleischmannii</i> subsp. <i>fleischmannii</i>                        |              |           |        |
| <i>Listeria floridensis</i>  | 1            |           |        |
| <i>Listeria grandensis</i>   | 1            |           |        |
| <i>Listeria grayi</i>  | 1            |           |        |
| <i>Listeria innocua</i>  | 1            |           |        |
| <i>Listeria ivanovii</i> subsp. <i>ivanovii</i>  | 2            | Z         |        |
| <i>Listeria ivanovii</i> subsp. <i>londoniensis</i>  | 2            | Z         |        |
| <i>Listeria marthii</i>  | 1            |           |        |
| <i>Listeria monocytogenes</i>  | 2            | Z         |        |
| <i>Listeria murrayi</i> – synonym: <i>Listeria grayi</i>   |              |           |        |
| <i>Listeria newyorkensis</i>   | 1            |           | neu    |
| <i>Listeria riparia</i>  | 1            |           |        |
| <i>Listeria rocourtiae</i>   | 1            |           |        |
| <i>Listeria seeligeri</i>  | 1            | +         |        |
| <i>Listeria weihenstephanensis</i>   | 1            |           |        |
| <i>Listeria welshimeri</i>   | 1            |           |        |
| <b>Listonella</b>  |              |           |        |
| <i>Listonella anguillarum</i> ( <i>Vibrio anguillarum</i> ) – synonym: <i>Vibrio anguillarum</i>                 |              |           |        |
| <i>Listonella damsela</i> → <i>Photobacterium damsela</i> subsp. <i>damselae</i>                                 |              |           |        |
| <i>Listonella pelagia</i> ( <i>Beneckea pelagia</i> , <i>Vibrio pelagius</i> ) – synonym: <i>Vibrio pelagius</i> |              |           |        |
| <b>Litoreibacter</b>   |              |           |        |
| <i>Litoreibacter albidus</i>   | 1            |           |        |
| <i>Litoreibacter arenae</i> ( <i>Thalassobacter arenae</i> )   | 1            |           |        |
| <i>Litoreibacter ascidiaceicola</i>  | 1            |           | neu    |
| <i>Litoreibacter halocynthiae</i>  | 1            |           |        |

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| Spezies                                 | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| <i>Litoreibacter janthinus</i>          | 1            |           |        |
| <i>Litoreibacter meonggei</i>           | 1            |           |        |
| <i>Litoreibacter ponti</i>              | 1            |           | neu    |
| <b>Litoribacillus</b>                   |              |           |        |
| <i>Litoribacillus peritrichatus</i>     | 1            |           |        |
| <b>Litoribacter</b>                     |              |           |        |
| <i>Litoribacter alkaliphilus</i>        | 1            |           |        |
| <i>Litoribacter ruber</i>               | 1            |           |        |
| <b>Litoribaculum</b>                    |              |           |        |
| <i>Litoribaculum gwangyangense</i>      | 1            |           | neu    |
| <b>Litoribrevibacter</b>                |              |           |        |
| <i>Litoribrevibacter albus</i>          | 1            |           | neu    |
| <i>Litoribrevibacter euphylliae</i>     | 1            |           | neu    |
| <b>Litoricola</b>                       |              |           |        |
| <i>Litoricola lipolytica</i>            | 1            |           |        |
| <i>Litoricola marina</i>                | 1            |           |        |
| <b>Litorilinea</b>                      |              |           |        |
| <i>Litorilinea aerophila</i>            | 1            |           |        |
| <b>Litorimicrobium</b>                  |              |           |        |
| <i>Litorimicrobium taeanense</i>        | 1            |           |        |
| <b>Litorimonas</b>                      |              |           |        |
| <i>Litorimonas cladophorae</i>          | 1            |           |        |
| <i>Litorimonas taeanensis</i>           | 1            |           |        |
| <b>Litorisediminicola</b>               |              |           |        |
| <i>Litorisediminicola beolgyonensis</i> | 1            |           |        |
| <b>Litorisediminivivens</b>             |              |           |        |
| <i>Litorisediminivivens gilvus</i>      | 1            |           | neu    |
| <b>Litorivivens</b>                     |              |           |        |
| <i>Litorivivens aequoris</i>            | 1            |           | neu    |
| <i>Litorivivens lipolytica</i>          | 1            |           | neu    |
| <b>Loktanella</b>                       |              |           |        |
| <i>Loktanella acticola</i>              | 1            |           | neu    |
| <i>Loktanella aestuariicola</i>         | 1            |           | neu    |
| <i>Loktanella agnita</i>                | 1            |           |        |
| <i>Loktanella atrilutea</i>             | 1            |           |        |
| <i>Loktanella cinnabarina</i>           | 1            |           |        |
| <i>Loktanella fryxellensis</i>          | 1            |           |        |
| <i>Loktanella hongkongensis</i>         | 1            |           |        |
| <i>Loktanella koreensis</i>             | 1            |           |        |
| <i>Loktanella litorea</i>               | 1            |           |        |
| <i>Loktanella maricola</i>              | 1            |           |        |
| <i>Loktanella marina</i>                | 1            |           | neu    |
| <i>Loktanella maritima</i>              | 1            |           | neu    |
| <i>Loktanella ponticola</i>             | 1            |           | neu    |
| <i>Loktanella pyoseonensis</i>          | 1            |           |        |
| <i>Loktanella rosea</i>                 | 1            |           |        |

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|---|--------------|-----------|--------|
| Loktanella salsilacus   | 1            |           |        |
| Loktanella sediminilitoris  | 1            |           |        |
| Loktanella sediminum  | 1            |           | neu    |
| Loktanella soesokkakensis   | 1            |           |        |
| Loktanella tamlensis  | 1            |           |        |
| Loktanella variabilis   | 1            |           | neu    |
| Loktanella vestfoldensis  | 1            |           |        |
| <b>Lonepinella</b>  |              |           |        |
| Lonepinella koalarum  | 1            |           |        |
| <b>Longibacter</b>  |              |           |        |
| Longibacter salinarum   | 1            |           | neu    |
| <b>Longibaculum</b>   |              |           |        |
| Longibaculum muris  | 1            |           | neu    |
| <b>Longicatena</b>  |              |           |        |
| Longicatena caecimuris  | 1            |           | neu    |
| <b>Longilinea</b>   |              |           |        |
| Longilinea arvoryzae  | 1            |           |        |
| <b>Longimicrobium</b>   |              |           |        |
| Longimicrobium terrae   | 1            |           | neu    |
| <b>Longimonas</b>   |              |           |        |
| Longimonas haloalkaliphila  | 1            |           | neu    |
| Longimonas halophila  | 1            |           | neu    |
| <b>Longimycelium</b>  |              |           |        |
| Longimycelium tulufanense   | 1            |           |        |
| <b>Longispora</b>   |              |           |        |
| Longispora albida   | 1            |           |        |
| Longispora fulva  | 1            |           |        |
| Longispora urticae  | 1            |           | neu    |
| <b>Lonsdalea</b>  |              |           |        |
| Lonsdalea britannica (Lonsdalea quercina subsp. britannica)                                   | 1            | p         | Umb.   |
| Lonsdalea iberica (Lonsdalea quercina subsp. iberica)   | 1            | p         | Umb.   |
| Lonsdalea populi (Lonsdalea quercina subsp. populi)   | 1            | p         | Umb.   |
| Lonsdalea quercina (Lonsdalea quercina subsp. quercina, Brenneria quercina, Erwinia quercina) | 1            | p         | Umb.   |
| Lonsdalea quercina subsp. britannica → Lonsdalea britannica                                   |              |           | Umb.   |
| Lonsdalea quercina subsp. iberica → Lonsdalea iberica   |              |           | Umb.   |
| Lonsdalea quercina subsp. populi → Lonsdalea populi   |              |           | Umb.   |
| Lonsdalea quercina subsp. quercina → Lonsdalea quercina                                       |              |           | Umb.   |
| <b>Lucibacterium → Vibrio</b>   |              |           |        |
| Lucibacterium harveyi → Vibrio harveyi  |              |           |        |
| <b>Luedemannella</b>  |              |           |        |
| Luedemannella flava   | 1            |           |        |

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|--|--------------|-----------|--------|
| Luedemannella helvata                    | 1            |           |        |
| <b>Luminiphilus</b>                      |              |           |        |
| Luminiphilus syltensis                   | 1            |           |        |
| <b>Lunatimonas</b>                       |              |           |        |
| Lunatimonas lonarensis                   | 1            |           | neu    |
| Lunatimonas salinarum                    | 1            |           | neu    |
| <b>Lutaonella</b>                        |              |           |        |
| Lutaonella thermophila                   | 1            |           |        |
| <b>Luteibacter</b>                       |              |           |        |
| Luteibacter anthropi                     | 1            | +         | neu    |
| Luteibacter rhizovicinus                 | 1            |           |        |
| Luteibacter yejuensis (Dyella yejuensis) | 1            |           |        |
| <b>Luteibaculum</b>                      |              |           |        |
| Luteibaculum oceani                      | 1            |           |        |
| <b>Luteimicrobium</b>                    |              |           |        |
| Luteimicrobium album                     | 1            |           |        |
| Luteimicrobium subarcticum               | 1            |           |        |
| Luteimicrobium xylanilyticum             | 1            |           |        |
| <b>Luteimonas</b>                        |              |           |        |
| Luteimonas abyssi                        | 1            |           |        |
| Luteimonas aestuarii                     | 1            |           |        |
| Luteimonas aquatica                      | 1            |           |        |
| Luteimonas arsenica                      | 1            |           | neu    |
| Luteimonas composti                      | 1            |           |        |
| Luteimonas cucumeris                     | 1            |           |        |
| Luteimonas huabeiensis                   | 1            |           |        |
| Luteimonas lutimaris                     | 1            |           |        |
| Luteimonas marina                        | 1            |           |        |
| Luteimonas mephitis                      | 1            |           |        |
| Luteimonas notoginsengisoli              | 1            |           | neu    |
| Luteimonas padinae                       | 1            |           | neu    |
| Luteimonas pelagia                       | 1            |           | neu    |
| Luteimonas soli                          | 1            |           | neu    |
| Luteimonas terrae                        | 1            |           | neu    |
| Luteimonas terricola                     | 1            |           |        |
| Luteimonas tolerans                      | 1            |           | neu    |
| Luteimonas vadosa                        | 1            |           |        |
| <b>Luteipulveratus</b>                   |              |           |        |
| Luteipulveratus halotolerans             | 1            |           | neu    |
| Luteipulveratus mongoliensis             | 1            |           |        |
| <b>Luteitalea</b>                        |              |           |        |
| Luteitalea pratensis                     | 1            |           | neu    |
| <b>Luteivirga</b>                        |              |           |        |
| Luteivirga sdotyamensis                  | 1            |           |        |
| <b>Luteococcus</b>                       |              |           |        |
| Luteococcus japonicus                    | 1            |           |        |

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|---|--------------|-----------|--------|
| <i>Luteococcus peritonei</i>  | 1            |           |        |
| <i>Luteococcus sanguinis</i>  | 1            | +         |        |
| <i>Luteococcus sediminum</i>  | 1            |           | neu    |
| <b>Luteolibacter</b>  |              |           |        |
| <i>Luteolibacter algae</i>  | 1            |           |        |
| <i>Luteolibacter arcticus</i>   | 1            |           | neu    |
| <i>Luteolibacter cuticulihirudinis</i>                                  | 1            |           |        |
| <i>Luteolibacter flavescens</i>   | 1            |           | neu    |
| <i>Luteolibacter gellanilyticus</i>                                     | 1            |           | neu    |
| <i>Luteolibacter luojiensis</i>   | 1            |           |        |
| <i>Luteolibacter pohnppeiensis</i>                                      | 1            |           |        |
| <i>Luteolibacter yonseiensis</i>  | 1            |           |        |
| <b>Lutibacter</b>   |              |           |        |
| <i>Lutibacter aestuarii</i>   | 1            |           |        |
| <i>Lutibacter agarilyticus</i>  | 1            |           |        |
| <i>Lutibacter crassostreae</i>  | 1            |           | neu    |
| <i>Lutibacter flavus</i>  | 1            |           |        |
| <i>Lutibacter litoralis</i>   | 1            |           |        |
| <i>Lutibacter litorisediminis</i>                                       | 1            |           | neu    |
| <i>Lutibacter maritimus</i>   | 1            |           |        |
| <i>Lutibacter oceani</i>  | 1            |           | neu    |
| <i>Lutibacter oricola</i>   | 1            |           | neu    |
| <i>Lutibacter profundus</i>   | 1            |           | neu    |
| <b>Lutibaculum</b>  |              |           |        |
| <i>Lutibaculum baratangense</i>   | 1            |           |        |
| <b>Lutimaribacter</b>   |              |           |        |
| <i>Lutimaribacter litoralis</i>   | 1            |           |        |
| <i>Lutimaribacter marinistellae</i>                                     | 1            |           | neu    |
| <i>Lutimaribacter pacificus</i> ( <i>Oceanicola pacificus</i> )         | 1            |           |        |
| <i>Lutimaribacter saemankumensis</i>                                    | 1            |           |        |
| <b>Lutimonas</b>  |              |           |        |
| <i>Lutimonas halocynthiae</i>   | 1            |           |        |
| <i>Lutimonas saemankumensis</i> ( <i>Aestuariicola saemankumensis</i> ) | 1            |           |        |
| <i>Lutimonas vermicola</i>  | 1            |           |        |
| <b>Lutispora</b>  |              |           |        |
| <i>Lutispora thermophila</i>  | 1            |           |        |
| <b>Lysinibacillus</b>   |              |           |        |
| <i>Lysinibacillus acetophenoni</i>                                      | 1            |           | neu    |
| <i>Lysinibacillus alkaliphilus</i>                                      | 1            |           | neu    |
| <i>Lysinibacillus alkalisoli</i>  | 1            |           | neu    |
| <i>Lysinibacillus boronitolerans</i>                                    | 1            |           |        |
| <i>Lysinibacillus chungkukjangi</i>                                     | 1            |           |        |
| <i>Lysinibacillus composti</i>  | 1            |           | neu    |
| <i>Lysinibacillus contaminans</i>                                       | 1            |           |        |
| <i>Lysinibacillus cresolivorans</i>                                     | 1            |           | neu    |
| <i>Lysinibacillus endophyticus</i>                                      | 1            |           | neu    |

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|---|--------------|-----------|--------|
| <i>Lysinibacillus fusiformis</i> ( <i>Bacillus fusiformis</i> )     | 1            |           |        |
| <i>Lysinibacillus halotolerans</i>                                  | 1            |           | neu    |
| <i>Lysinibacillus louembei</i>                                      | 1            |           | neu    |
| <i>Lysinibacillus macroides</i>                                     | 1            |           |        |
| <i>Lysinibacillus manganicus</i>                                    | 1            |           |        |
| <i>Lysinibacillus mangiferihumi</i>                                 | 1            | n         |        |
| <i>Lysinibacillus massiliensis</i> ( <i>Bacillus massiliensis</i> ) | 1            | +         |        |
| <i>Lysinibacillus meyeri</i>  | 1            |           |        |
| <i>Lysinibacillus odysseyi</i> ( <i>Bacillus odysseyi</i> )         | 1            |           |        |
| <i>Lysinibacillus pakistanensis</i>                                 | 1            |           | neu    |
| <i>Lysinibacillus parviboronicapiens</i>                            | 1            |           |        |
| <i>Lysinibacillus sinduriensis</i>                                  | 1            |           |        |
| <i>Lysinibacillus sphaericus</i> ( <i>Bacillus sphaericus</i> )     | 1            | +, n      |        |
| <i>Lysinibacillus tabacifolii</i>                                   | 1            |           |        |
| <i>Lysinibacillus telephonicus</i>                                  | 1            |           | neu    |
| <i>Lysinibacillus varians</i>                                       | 1            |           | neu    |
| <i>Lysinibacillus xylanilyticus</i>                                 | 1            |           |        |
| <b>Lysinibacter</b>   |              |           |        |
| <i>Lysinibacter cavernae</i>  | 1            |           | neu    |
| <b>Lysinimicrobium</b>  |              |           |        |
| <i>Lysinimicrobium aestuarii</i>                                    | 1            |           | neu    |
| <i>Lysinimicrobium flavum</i>                                       | 1            |           | neu    |
| <i>Lysinimicrobium gelatinilyticum</i>                              | 1            |           | neu    |
| <i>Lysinimicrobium iriomotense</i>                                  | 1            |           | neu    |
| <i>Lysinimicrobium luteum</i>                                       | 1            |           | neu    |
| <i>Lysinimicrobium mangrovi</i>                                     | 1            |           |        |
| <i>Lysinimicrobium pelophilum</i>                                   | 1            |           | neu    |
| <i>Lysinimicrobium rhizosphaerae</i>                                | 1            |           | neu    |
| <i>Lysinimicrobium sediminis</i>                                    | 1            |           | neu    |
| <i>Lysinimicrobium soli</i>   | 1            |           | neu    |
| <i>Lysinimicrobium subtropicum</i>                                  | 1            |           | neu    |
| <b>Lysinimonas</b>  |              |           |        |
| <i>Lysinimonas kribbensis</i> ( <i>Leifsonia kribbensis</i> )       | 1            |           |        |
| <i>Lysinimonas soli</i>   | 1            |           |        |
| <b>Lysobacter</b>   |              |           |        |
| <i>Lysobacter aestuarii</i>   | 1            |           | neu    |
| <i>Lysobacter agri</i>  | 1            |           | neu    |
| <i>Lysobacter antibioticus</i>                                      | 1            |           |        |
| <i>Lysobacter arseniciresistens</i>                                 | 1            |           |        |
| <i>Lysobacter brunescens</i>  | 1            |           |        |
| <i>Lysobacter bugurensis</i>  | 1            |           |        |
| <i>Lysobacter caeni</i>   | 1            |           | neu    |
| <i>Lysobacter capsici</i>   | 1            |           |        |
| <i>Lysobacter cavernae</i>  | 1            |           | neu    |
| <i>Lysobacter concretionis</i>                                      | 1            |           |        |
| <i>Lysobacter daejeonensis</i>                                      | 1            |           |        |

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| <i>Lysobacter defluvii</i>  | 1            |           |        |
| <i>Lysobacter dokdonensis</i>   | 1            |           |        |
| <i>Lysobacter enzymogenes</i> ( <i>Lysobacter enzymogenes</i> subsp. <i>enzymogenes</i> ) | 1            |           | Umb.   |
| <i>Lysobacter enzymogenes</i> subsp. <i>cookii</i> → <i>Lysobacter enzymogenes</i>        |              |           | Umb.   |
| <i>Lysobacter enzymogenes</i> subsp. <i>enzymogenes</i> → <i>Lysobacter enzymogenes</i>   |              |           | Umb.   |
| <i>Lysobacter erysipheiresistens</i>  | 1            |           | neu    |
| <i>Lysobacter firmicutumachus</i>   | 1            |           | neu    |
| <i>Lysobacter fragariae</i>   | 1            |           | neu    |
| <i>Lysobacter ginsengisoli</i>  | 1            |           |        |
| <i>Lysobacter gummosus</i>  | 1            |           |        |
| <i>Lysobacter hankyongensis</i>   | 1            |           | neu    |
| <i>Lysobacter humi</i>  | 1            |           | neu    |
| <i>Lysobacter koreensis</i>   | 1            |           |        |
| <i>Lysobacter korlensis</i>   | 1            |           |        |
| <i>Lysobacter lycopersici</i>   | 1            |           | neu    |
| <i>Lysobacter maris</i>   | 1            |           | neu    |
| <i>Lysobacter mobilis</i>   | 1            |           | neu    |
| <i>Lysobacter niabensis</i>   | 1            |           |        |
| <i>Lysobacter niastensis</i>  | 1            |           |        |
| <i>Lysobacter novalis</i>   | 1            |           | neu    |
| <i>Lysobacter olei</i>  | 1            |           | neu    |
| <i>Lysobacter oligotrophicus</i>  | 1            |           |        |
| <i>Lysobacter oryzae</i>  | 1            |           |        |
| <i>Lysobacter panacisoli</i>  | 1            |           | neu    |
| <i>Lysobacter panaciterrae</i>  | 1            |           |        |
| <i>Lysobacter rhizophilus</i>   | 1            |           | neu    |
| <i>Lysobacter rhizosphaerae</i>   | 1            |           | neu    |
| <i>Lysobacter ruishenii</i>   | 1            |           |        |
| <i>Lysobacter sediminicola</i>  | 1            |           | neu    |
| <i>Lysobacter solanacearum</i>  | 1            |           | neu    |
| <i>Lysobacter soli</i>  | 1            |           |        |
| <i>Lysobacter spongiicola</i>   | 1            |           |        |
| <i>Lysobacter terrae</i>  | 1            |           | neu    |
| <i>Lysobacter terricola</i>   | 1            |           | neu    |
| <i>Lysobacter thermophilus</i> → <i>Vulcaniibacterium thermophilum</i>                    |              |           |        |
| <i>Lysobacter ximonensis</i>  | 1            |           |        |
| <i>Lysobacter xinjiangensis</i>   | 1            |           |        |
| <i>Lysobacter yangpyeongensis</i>   | 1            |           |        |
| <b>Lyticum</b>  |              |           |        |
| <i>Lyticum flagellatum</i>  | 1            |           |        |
| <i>Lyticum sinuosum</i>   | 1            |           |        |
| <b>Mabikibacter</b>   |              |           |        |
| <i>Mabikibacter ruber</i>   | 1            |           | neu    |
| <b>Macellibacteroides</b>   |              |           |        |

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| Macellibacteroides fermentans                                    | 1            |           |        |
| <b>Macrococcus</b>   |              |           |        |
| Macrococcus bovicus  | 1            |           |        |
| Macrococcus brunensis  | 1            |           |        |
| Macrococcus canis  | 2            | t         | neu    |
| Macrococcus carouelicus  | 1            |           |        |
| Macrococcus caseolyticus (Staphylococcus caseolyticus)           | 1            | t+        | Einst. |
| Macrococcus equiperficus   | 1            |           |        |
| Macrococcus hajekii  | 1            |           |        |
| Macrococcus lamae  | 1            |           |        |
| <b>Macromonas</b>  |              |           |        |
| Macromonas bipunctata  | 1            |           |        |
| Macromonas mobilis   | 1            |           |        |
| <b>Mageeibacillus</b>  |              |           |        |
| Mageeibacillus indolicus   | 1            | +         | neu    |
| <b>Magnetococcus</b>   |              |           |        |
| Magnetococcus marinus  | 1            |           |        |
| <b>Magnetospira</b>  |              |           |        |
| Magnetospira thiophila   | 1            |           |        |
| <b>Magnetospirillum</b>  |              |           |        |
| Magnetospirillum caucaseum                                       | 1            |           | neu    |
| Magnetospirillum gryphiswaldense                                 | 1            |           |        |
| Magnetospirillum magnetotacticum (Aquaspirillum magnetotacticum) | 1            |           |        |
| Magnetospirillum marisnigri                                      | 1            |           | neu    |
| Magnetospirillum moscoviense                                     | 1            |           | neu    |
| <b>Magnetovibrio</b>   |              |           |        |
| Magnetovibrio blakemorei   | 1            |           |        |
| <b>Mahella</b>   |              |           |        |
| Mahella australiensis  | 1            |           |        |
| <b>Maledivibacter</b>  |              |           |        |
| Maledivibacter halophilus (Clostridium halophilum)               | 1            |           | Umb.   |
| <b>Malikia</b>   |              |           |        |
| Malikia granosa  | 1            |           |        |
| Malikia spinosa (Pseudomonas spinosa)                            | 1            |           |        |
| <b>Maliponia</b>   |              |           |        |
| Maliponia aquimaris  | 1            |           | neu    |
| <b>Malonomonas</b>   |              |           |        |
| Malonomonas rubra  | 1            |           |        |
| <b>Mameliella</b>  |              |           |        |
| Mameliella alba  | 1            |           |        |
| Mameliella atlantica   | 1            |           | neu    |
| Mameliella phaeodactyli  | 1            |           | neu    |
| <b>Mangrovibacter</b>  |              |           |        |
| Mangrovibacter phragmitis  | 1            |           | neu    |
| Mangrovibacter plantisponsor                                     | 1            |           |        |



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|--|--------------|-----------|--------|
| Mangrovibacter yixingensis                         | 1            |           | neu    |
| <b>Mangrovibacterium</b>                           |              |           |        |
| Mangrovibacterium diazotrophicum                   | 1            |           |        |
| Mangrovibacterium marinum                          | 1            |           | neu    |
| <b>Mangroviflexus</b>                              |              |           |        |
| Mangroviflexus xiamenensis                         | 1            |           |        |
| <b>Mangrovihabitans</b>                            |              |           |        |
| Mangrovihabitans endophyticus                      | 1            |           | neu    |
| <b>Mangrovimonas</b>                               |              |           |        |
| Mangrovimonas yunxiaonensis                        | 1            |           |        |
| <b>Mangrovitalea</b>                               |              |           |        |
| Mangrovitalea sediminis                            | 1            |           | neu    |
| <b>Mannheimia</b>                                  |              |           |        |
| Mannheimia caviae                                  | 2            | t         |        |
| Mannheimia glucosida                               | 1            |           |        |
| Mannheimia granulomatis (Pasteurella granulomatis) | 2            | t         |        |
| Mannheimia haemolytica (Pasteurella haemolytica)   | 2            | ht        |        |
| Mannheimia ruminalis                               | 1            |           |        |
| Mannheimia varigena                                | 2            | t         |        |
| <b>Maribacter</b>                                  |              |           |        |
| Maribacter aestuarii                               | 1            |           |        |
| Maribacter antarcticus                             | 1            |           |        |
| Maribacter aquivivus                               | 1            |           |        |
| Maribacter arcticus                                | 1            |           |        |
| Maribacter arenosus                                | 1            |           | neu    |
| Maribacter caenipelagi                             | 1            |           | neu    |
| Maribacter chungangensis                           | 1            |           |        |
| Maribacter cobaltidurans                           | 1            |           | neu    |
| Maribacter confluentis                             | 1            |           | neu    |
| Maribacter dokdonensis                             | 1            |           |        |
| Maribacter flavus                                  | 1            |           | neu    |
| Maribacter forsetii                                | 1            |           |        |
| Maribacter litorisediminis                         | 1            |           | neu    |
| Maribacter lutimaris                               | 1            |           | neu    |
| Maribacter orientalis                              | 1            |           |        |
| Maribacter pelagius                                | 1            |           | neu    |
| Maribacter polysiphoniae                           | 1            |           |        |
| Maribacter sedimenticola                           | 1            |           |        |
| Maribacter spongiicola                             | 1            |           | neu    |
| Maribacter stanieri                                | 1            |           |        |
| Maribacter thermophilus                            | 1            |           | neu    |
| Maribacter ulvicola                                | 1            |           |        |
| Maribacter vacoletii                               | 1            |           | neu    |
| <b>Maribaculum → Henriciella</b>                   |              |           |        |
| Maribaculum marinum → Henriciella aquimarina       |              |           |        |

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|---|--------------|-----------|--------|
| <b>Maribius</b>   |              |           |        |
| Maribius pelagius   | 1            |           |        |
| Maribius pontilimi  | 1            |           | neu    |
| Maribius salinus  | 1            |           |        |
| <b>Maricaulis</b>   |              |           |        |
| Maricaulis maris (Caulobacter maris)  | 1            |           |        |
| Maricaulis parjimensis  | 1            |           |        |
| Maricaulis salignorans  | 1            |           |        |
| Maricaulis virginensis  | 1            |           |        |
| Maricaulis washingtonensis  | 1            |           |        |
| <b>Marichromatium</b>   |              |           |        |
| Marichromatium bheemlicum   | 1            |           |        |
| Marichromatium fluminis → Phaeochromatium fluminis  |              |           |        |
| Marichromatium gracile (Chromatium gracile)   | 1            |           |        |
| Marichromatium indicum  | 1            |           |        |
| Marichromatium purpuratum (Chromatium purpuratum)   | 1            |           |        |
| <b>Maricurvus</b>   |              |           |        |
| Maricurvus nonylphenolicus  | 1            |           |        |
| <b>Marihabitans</b>   |              |           |        |
| Marihabitans asiaticum  | 1            |           |        |
| <b>Marimicrobium</b>  |              |           |        |
| Marimicrobium arenosum  | 1            |           | neu    |
| <b>Marimonas</b>  |              |           |        |
| Marimonas arenosa   | 1            |           | neu    |
| <b>Marinactinospora</b>   |              |           |        |
| Marinactinospora endophytica  | 1            |           | neu    |
| Marinactinospora thermotolerans   | 1            |           |        |
| <b>Marinagarivorans</b>   |              |           |        |
| Marinagarivorans algicola   | 1            |           | neu    |
| <b>Marinibacillus → Jeotgalibacillus</b>  |              |           |        |
| Marinibacillus campisalis → Jeotgalibacillus campisalis   |              |           |        |
| Marinibacillus marinus (Bacillus marinus, Bacillus globisporus subsp. marinus) → Jeotgalibacillus marinus |              |           |        |
| <b>Marinibacterium</b>  |              |           |        |
| Marinibacterium profundimaris   | 1            |           | neu    |
| <b>Marinibactrum</b>  |              |           |        |
| Marinibactrum halimedae   | 1            |           | neu    |
| <b>Marinibaculum</b>  |              |           |        |
| Marinibaculum pumilum   | 1            |           | neu    |
| <b>Mariniblastus</b>  |              |           |        |
| Mariniblastus fucicola  | 1            |           | neu    |
| <b>Marinicauda</b>  |              |           |        |
| Marinicauda algicola  | 1            |           | neu    |
| Marinicauda pacifica  | 1            |           |        |

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| <b>Marinicella</b>   |              |           |        |
| Marinicella litoralis  | 1            |           |        |
| Marinicella pacifica   | 1            |           | neu    |
| <b>Marinicola → Roseivirga</b>   |              |           |        |
| Marinicola seohaensis → Roseivirga seohaensis<br>– synonym: Roseivirga ehrenbergii |              |           |        |
| <b>Marinocrinis</b>  |              |           |        |
| Marinocrinis sediminis   | 1            |           | neu    |
| <b>Marinifilum</b>   |              |           |        |
| Marinifilum albidiflavum   | 1            |           | neu    |
| Marinifilum flexuosum  | 1            |           |        |
| Marinifilum fragile  | 1            |           |        |
| <b>Mariniflexile</b>   |              |           |        |
| Mariniflexile aquimaris  | 1            |           |        |
| Mariniflexile fucanivorans   | 1            |           |        |
| Mariniflexile gromovii   | 1            |           |        |
| Mariniflexile jejuense   | 1            |           |        |
| Mariniflexile ostreae  | 1            |           | neu    |
| Mariniflexile soesokkakense  | 1            |           |        |
| <b>Marinilabilia</b>   |              |           |        |
| Marinilabilia agarovorans – synonym: Marinilabilia salmonicolor                    |              |           |        |
| Marinilabilia salmonicolor (Cytophaga salmonicolor)                                | 1            |           | Einst. |
| <b>Marinilactibacillus</b>   |              |           |        |
| Marinilactibacillus piezotolerans  | 1            |           |        |
| Marinilactibacillus psychrotolerans  | 1            |           |        |
| <b>Mariniluteicoccus</b>   |              |           |        |
| Mariniluteicoccus endophyticus   | 1            |           | neu    |
| Mariniluteicoccus flavus   | 1            |           |        |
| <b>Marinimicrobium</b>   |              |           |        |
| Marinimicrobium agarilyticum   | 1            |           |        |
| Marinimicrobium koreense   | 1            |           |        |
| Marinimicrobium locisalis  | 1            |           |        |
| <b>Marininema</b>  |              |           |        |
| Marininema halotolerans  | 1            |           |        |
| Marininema mesophilum  | 1            |           |        |
| <b>Mariniphaga</b>   |              |           |        |
| Mariniphaga anaerophila  | 1            |           | neu    |
| Mariniphaga sediminis  | 1            |           | neu    |
| <b>Mariniradius</b>  |              |           |        |
| Mariniradius saccharolyticus   | 1            |           |        |
| <b>Marinirhabdus</b>   |              |           |        |
| Marinirhabdus gelatinilytica   | 1            |           | neu    |
| <b>Marinisporobacter</b>   |              |           |        |
| Marinisporobacter balticus   | 1            |           | neu    |
| <b>Marinithermofilum</b>   |              |           |        |
| Marinithermofilum abyssi   | 1            |           | neu    |

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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| <b>Marinithermus</b>   |              |           |        |
| Marinithermus hydrothermalis   | 1            |           |        |
| <b>Marinitoga</b>  |              |           |        |
| Marinitoga arctica   | 1            |           | neu    |
| Marinitoga camini  | 1            |           |        |
| Marinitoga hydrogenitolerans   | 1            |           |        |
| Marinitoga litoralis   | 1            |           |        |
| Marinitoga okinawensis   | 1            |           |        |
| Marinitoga piezophila  | 1            |           |        |
| <b>Marinivirga → Algibacter</b>                                      |              |           |        |
| Marinivirga aestuarii → Algibacter aestuarii                         |              |           |        |
| <b>Marinobacter</b>  |              |           |        |
| Marinobacter adhaerens   | 1            |           |        |
| Marinobacter algicola  | 1            |           |        |
| Marinobacter antarcticus   | 1            |           |        |
| Marinobacter aquaeolei – synonym: Marinobacter hydrocarbonoclasticus |              |           |        |
| Marinobacter aquaticus   | 1            |           | neu    |
| Marinobacter aromaticivorans   | 1            |           | neu    |
| Marinobacter bryozorum   | 1            |           |        |
| Marinobacter confluentis   | 1            |           | neu    |
| Marinobacter daepoensis  | 1            |           |        |
| Marinobacter daqiaonensis  | 1            |           |        |
| Marinobacter excellens   | 1            |           |        |
| Marinobacter flavimaris  | 1            |           |        |
| Marinobacter goseongensis  | 1            |           |        |
| Marinobacter gudaonensis   | 1            |           |        |
| Marinobacter guineae   | 1            |           |        |
| Marinobacter halophilus  | 1            |           | neu    |
| Marinobacter halotolerans  | 1            |           | neu    |
| Marinobacter hydrocarbonoclasticus                                   | 1            |           |        |
| Marinobacter koreensis   | 1            |           |        |
| Marinobacter lacisalsi   | 1            |           |        |
| Marinobacter lipolyticus   | 1            |           |        |
| Marinobacter litoralis   | 1            |           |        |
| Marinobacter lutaoensis  | 1            |           |        |
| Marinobacter maritimus   | 1            |           |        |
| Marinobacter mobilis   | 1            |           |        |
| Marinobacter nitratireducens   | 1            |           | neu    |
| Marinobacter oulmenensis   | 1            |           |        |
| Marinobacter pelagius  | 1            |           |        |
| Marinobacter persicus  | 1            |           |        |
| Marinobacter psychrophilus   | 1            |           |        |
| Marinobacter salarius  | 1            |           | neu    |
| Marinobacter salexigens  | 1            |           | neu    |
| Marinobacter salicampi   | 1            |           |        |
| Marinobacter salinus   | 1            |           | neu    |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| Marinobacter salsuginis                                 | 1            |           |        |
| Marinobacter santoriniensis                             | 1            |           |        |
| Marinobacter sediminum                                  | 1            |           |        |
| Marinobacter segnicrescens                              | 1            |           |        |
| Marinobacter shengliensis                               | 1            |           | neu    |
| Marinobacter similis                                    | 1            |           | neu    |
| Marinobacter szutsaonensis                              | 1            |           |        |
| Marinobacter vinifirmus                                 | 1            |           |        |
| Marinobacter xestospongiae                              | 1            |           |        |
| Marinobacter zhanjiangensis                             | 1            |           |        |
| Marinobacter zhejiangensis                              | 1            |           |        |
| <b>Marinobacterium</b>                                  |              |           |        |
| Marinobacterium aestuariivivens                         | 1            |           | neu    |
| Marinobacterium coralli                                 | 1            |           |        |
| Marinobacterium georgiense                              | 1            |           |        |
| Marinobacterium halophilum                              | 1            |           |        |
| Marinobacterium jannaschii (Oceanospirillum jannaschii) | 1            |           |        |
| Marinobacterium litorale                                | 1            |           |        |
| Marinobacterium lutimaris                               | 1            |           |        |
| Marinobacterium mangrovicola                            | 1            |           | neu    |
| Marinobacterium marisflavi                              | 1            |           |        |
| Marinobacterium maritimum                               | 1            |           |        |
| Marinobacterium nitratireducens                         | 1            |           |        |
| Marinobacterium profundum                               | 1            |           |        |
| Marinobacterium rhizophilum                             | 1            |           |        |
| Marinobacterium sedimnicola                             | 1            |           |        |
| Marinobacterium stanieri (Pseudomonas stanieri)         | 1            |           |        |
| Marinobacterium zhoushanense                            | 1            |           | neu    |
| <b>Marinococcus</b>                                     |              |           |        |
| Marinococcus albus → Salimicrobium album                |              |           |        |
| Marinococcus halophilus (Planococcus halophilus)        | 1            |           |        |
| Marinococcus halotolerans                               | 1            |           |        |
| Marinococcus hispanicus → Salinicoccus hispanicus       |              |           |        |
| Marinococcus luteus                                     | 1            |           |        |
| Marinococcus salis                                      | 1            |           | neu    |
| Marinococcus tarijensis                                 | 1            |           |        |
| <b>Marinomonas</b>                                      |              |           |        |
| Marinomonas alcarazii                                   | 1            |           |        |
| Marinomonas algicida                                    | 1            |           | neu    |
| Marinomonas aquimarina                                  | 1            |           |        |
| Marinomonas aquiplantarum                               | 1            |           |        |
| Marinomonas arctica                                     | 1            |           |        |
| Marinomonas arenicola                                   | 1            |           |        |
| Marinomonas atlantica                                   | 1            |           | neu    |
| Marinomonas balearica                                   | 1            |           |        |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| Marinomonas basaltis – synonym: Marinomonas communis                  |              |           |        |
| Marinomonas blandensis  | 1            |           | neu    |
| Marinomonas brasiliensis  | 1            |           |        |
| Marinomonas communis = Oceanospirillum commune (Alteromonas communis) | 1            |           |        |
| Marinomonas dokdonensis   | 1            |           |        |
| Marinomonas epiphytica  | 1            |           | neu    |
| Marinomonas foliarum  | 1            |           |        |
| Marinomonas fungiae   | 1            |           |        |
| Marinomonas gallaica  | 1            |           | neu    |
| Marinomonas hwangdonensis   | 1            |           |        |
| Marinomonas mangrovi  | 1            |           | neu    |
| Marinomonas mediterranea  | 1            |           |        |
| Marinomonas ostreistagni  | 1            |           |        |
| Marinomonas polaris   | 1            |           |        |
| Marinomonas pollencensis  | 1            |           |        |
| Marinomonas pontica   | 1            |           |        |
| Marinomonas posidonica  | 1            |           |        |
| Marinomonas primoryensis  | 1            |           |        |
| Marinomonas profundimaris   | 1            |           | neu    |
| Marinomonas rhizomae  | 1            |           |        |
| Marinomonas spartinae   | 1            |           | neu    |
| Marinomonas ushuaiensis   | 1            |           |        |
| Marinomonas vaga = Oceanospirillum vagum (Alteromonas vaga)           | 1            |           |        |
| <b>Marinoscillum</b>  |              |           |        |
| Marinoscillum furvescens  | 1            |           |        |
| Marinoscillum luteum  | 1            |           |        |
| Marinoscillum pacificum   | 1            |           |        |
| <b>Marinospirillum</b>  |              |           |        |
| Marinospirillum alkaliphilum  | 1            |           |        |
| Marinospirillum celere  | 1            |           |        |
| Marinospirillum insulare  | 1            |           |        |
| Marinospirillum megaterium  | 1            |           |        |
| Marinospirillum minutulum (Oceanospirillum minutulum)                 | 1            |           |        |
| <b>Marinovum</b>  |              |           |        |
| Marinovum algicola (Ruegeria algicola, Roseobacter algicola)          | 1            |           |        |
| <b>Mariprofundus</b>  |              |           |        |
| Mariprofundus ferrooxydans  | 1            |           |        |
| <b>Maripseudobacter</b>   |              |           |        |
| Maripseudobacter aurantiacus  | 1            |           | neu    |
| <b>Marisediminicola</b>   |              |           |        |
| Marisediminicola antarctica   | 1            |           |        |
| <b>Marispirillum</b>  |              |           |        |
| Marispirillum indicum   | 1            |           |        |

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| Spezies                                      | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| <b>Marispirochaeta</b>                       |              |           |        |
| Marispirochaeta aestuarii                    | 1            |           | neu    |
| <b>Maritalea</b>                             |              |           |        |
| Maritalea mobilis (Zhangella mobilis)        | 1            |           |        |
| Maritalea myrionectae                        | 1            |           |        |
| Maritalea porphyrae                          | 1            |           |        |
| <b>Maritimibacter</b>                        |              |           |        |
| Maritimibacter alkaliphilus                  | 1            |           |        |
| Maritimibacter lacisalsi                     | 1            |           | neu    |
| <b>Maritimimonas</b>                         |              |           |        |
| Maritimimonas rapanae                        | 1            |           |        |
| <b>Marivibrio</b>                            |              |           |        |
| Marivibrio halodurans                        | 1            |           | neu    |
| <b>Marivirga</b>                             |              |           |        |
| Marivirga atlantica                          | 1            |           | neu    |
| Marivirga harenae                            | 1            |           | neu    |
| Marivirga lumbricoides                       | 1            |           | neu    |
| Marivirga sericea                            | 1            |           |        |
| Marivirga tractuosa (Flexibacter tractuosus) | 1            |           |        |
| <b>Marivita</b>                              |              |           |        |
| Marivita cryptomonadis                       | 1            |           |        |
| Marivita geojedonensis                       | 1            |           |        |
| Marivita hallyeonensis                       | 1            |           |        |
| Marivita lacus                               | 1            |           | neu    |
| Marivita litorea                             | 1            |           |        |
| <b>Marivivens</b>                            |              |           |        |
| Marivivens donghaensis                       | 1            |           | neu    |
| <b>Marixanthomonas</b>                       |              |           |        |
| Marixanthomonas ophiurae                     | 1            |           |        |
| <b>Marmoricola</b>                           |              |           |        |
| Marmoricola aequoreus                        | 1            |           |        |
| Marmoricola aquaticus                        | 1            |           | neu    |
| Marmoricola aurantiacus                      | 1            |           |        |
| Marmoricola bigeumensis                      | 1            |           |        |
| Marmoricola endophyticus                     | 1            |           | neu    |
| Marmoricola ginsengisoli                     | 1            |           | neu    |
| Marmoricola korecus                          | 1            |           |        |
| Marmoricola pocheonensis                     | 1            |           | neu    |
| Marmoricola scoriae                          | 1            |           |        |
| Marmoricola solisilvae                       | 1            |           | neu    |
| Marmoricola terrae                           | 1            |           | neu    |
| <b>Martelella</b>                            |              |           |        |
| Martelella endophytica                       | 1            |           | neu    |
| Martelella limonii                           | 1            |           | neu    |
| Martelella mangrovi                          | 1            |           | neu    |
| Martelella mediterranea                      | 1            |           |        |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| Marteella radialis                                      | 1            |           | neu    |
| Marteella suaedae                                       | 1            |           | neu    |
| <b>Marvinbryantia</b>                                   |              |           |        |
| Marvinbryantia formatexigens (Bryantella formatexigens) | 1            |           |        |
| <b>Massilia</b>   |              |           |        |
| Massilia aerilata                                       | 1            |           |        |
| Massilia agilis   | 1            |           | neu    |
| Massilia agri   | 1            |           | neu    |
| Massilia albidiflava                                    | 1            |           |        |
| Massilia alkalitolerans (Naxibacter alkalitolerans)     | 1            |           |        |
| Massilia arvi   | 1            |           | neu    |
| Massilia aurea  | 1            |           |        |
| Massilia brevitalea                                     | 1            |           |        |
| Massilia buxea  | 1            |           | neu    |
| Massilia chloroacetimidivorans                          | 1            |           | neu    |
| Massilia consociata                                     | 1            | +         |        |
| Massilia dura   | 1            |           |        |
| Massilia eurypsychrophila                               | 1            |           | neu    |
| Massilia flava  | 1            |           |        |
| Massilia glaciei  | 1            |           | neu    |
| Massilia haematophila (Naxibacter haematophilus)        | 1            | +         |        |
| Massilia jejuensis                                      | 1            |           |        |
| Massilia kyonggiensis                                   | 1            |           | neu    |
| Massilia lurida   | 1            |           |        |
| Massilia lutea  | 1            |           |        |
| Massilia namucuoensis                                   | 1            |           |        |
| Massilia neuiana  | 1            |           | neu    |
| Massilia niabensis                                      | 1            |           |        |
| Massilia niastensis                                     | 1            |           |        |
| Massilia norwichensis                                   | 1            |           | neu    |
| Massilia oculi  | 1            | +         |        |
| Massilia phosphatilytica                                | 1            |           | neu    |
| Massilia pinisoli                                       | 1            |           | neu    |
| Massilia plicata  | 1            |           |        |
| Massilia psychrophila                                   | 1            |           | neu    |
| Massilia putida   | 1            |           | neu    |
| Massilia solisilvae                                     | 1            |           | neu    |
| Massilia suwonensis (Naxibacter suwonensis)             | 1            |           |        |
| Massilia terrae   | 1            |           | neu    |
| Massilia tieshanensis                                   | 1            |           |        |
| Massilia timonae  | 1            | +         |        |
| Massilia umbonata                                       | 1            |           |        |
| Massilia varians (Naxibacter varians)                   | 1            | +         |        |
| Massilia violacea                                       | 1            |           | neu    |
| Massilia yuzhufengensis                                 | 1            |           |        |



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| Spezies  | Risikogruppe | Bemerkung | Status       |
|--|--------------|-----------|--------------|
| <b>Mechercharimyces</b>                            |              |           |              |
| Mechercharimyces asporophorigenens                 | 1            |           |              |
| Mechercharimyces mesophilus                        | 1            |           |              |
| <b>Megamonas</b>                                   |              |           |              |
| Megamonas funiformis                               | 1            |           |              |
| Megamonas hypermegale (Bacteroides hypermegas)     | 1            |           |              |
| Megamonas rupellensis                              | 1            |           |              |
| <b>Meganema</b>                                    |              |           |              |
| Meganema perideroedes → Neomegalonema perideroedes |              |           | Umb.         |
| <b>Megasphaera</b>                                 |              |           |              |
| Megasphaera cerevisiae                             | 1            |           |              |
| Megasphaera elsdenii                               | 1            | ht+       | Einst., Bem. |
| Megasphaera hexanoica                              | 1            |           | neu          |
| Megasphaera indica                                 | 1            |           | neu          |
| Megasphaera massiliensis                           | 1            |           | neu          |
| Megasphaera micronuciformis                        | 1            | +         |              |
| Megasphaera paucivorans                            | 1            |           |              |
| Megasphaera sueciensis                             | 1            |           |              |
| <b>Meiothermus</b>                                 |              |           |              |
| Meiothermus cateniformans                          | 1            |           |              |
| Meiothermus cerbereus                              | 1            |           |              |
| Meiothermus chliarophilus (Thermus chliarophilus)  | 1            |           |              |
| Meiothermus granaticius                            | 1            |           |              |
| Meiothermus hypogaeus                              | 1            |           |              |
| Meiothermus luteus                                 | 1            |           | neu          |
| Meiothermus roseus                                 | 1            |           | neu          |
| Meiothermus ruber (Thermus ruber)                  | 1            |           |              |
| Meiothermus rufus                                  | 1            |           |              |
| Meiothermus silvanus (Thermus silvanus)            | 1            |           |              |
| Meiothermus taiwanensis                            | 1            |           |              |
| Meiothermus terrae                                 | 1            |           |              |
| Meiothermus timidus                                | 1            |           |              |
| <b>Melaminivora</b>                                |              |           |              |
| Melaminivora alkalimesophila                       | 1            |           |              |
| Melaminivora jejuensis                             | 1            |           | neu          |
| <b>Melghiribacillus</b>                            |              |           |              |
| Melghiribacillus thermohalophilus                  | 1            |           | neu          |
| <b>Melghirimyces</b>                               |              |           |              |
| Melghirimyces algeriensis                          | 1            |           |              |
| Melghirimyces profundicolus                        | 1            |           |              |
| Melghirimyces thermohalophilus                     | 1            |           |              |
| <b>Melioribacter</b>                               |              |           |              |
| Melioribacter roseus                               | 1            |           |              |
| <b>Melissococcus</b>                               |              |           |              |
| Melissococcus plutonius                            | 1            | n2        | Bem.         |

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|---|--------------|-----------|--------|
| <b>Melitea – synonym: Spongiibacter</b>             |              |           |        |
| Melitea salexigens – synonym: Spongiibacter marinus |              |           |        |
| <b>Melittangium</b>                                 |              |           |        |
| Melittangium alboraceum                             | 1            |           |        |
| Melittangium boletus                                | 1            |           |        |
| Melittangium lichenicola                            | 1            |           |        |
| <b>Membranicola</b>                                 |              |           |        |
| Membranicola marinus                                | 1            |           | neu    |
| <b>Meniscus</b>                                     |              |           |        |
| Meniscus glaucopsis                                 | 1            |           |        |
| <b>Merdimonas</b>                                   |              |           |        |
| Merdimonas faecis                                   | 1            |           | neu    |
| <b>Meridianimaribacter</b>                          |              |           |        |
| Meridianimaribacter flavus                          | 1            |           |        |
| <b>Mesoaciditoga</b>                                |              |           |        |
| Mesoaciditoga lauensis                              | 1            |           |        |
| <b>Mesocricetibacter</b>                            |              |           |        |
| Mesocricetibacter intestinalis                      | 2            | t         | neu    |
| <b>Mesoflavibacter</b>                              |              |           |        |
| Mesoflavibacter aestuarii                           | 1            |           |        |
| Mesoflavibacter sabulilitoris                       | 1            |           | neu    |
| Mesoflavibacter zeaxanthinifaciens                  | 1            |           |        |
| <b>Mesonia</b>                                      |              |           |        |
| Mesonia algae                                       | 1            |           |        |
| Mesonia aquimarina                                  | 1            |           | neu    |
| Mesonia hippocampi                                  | 1            | t+        | neu    |
| Mesonia maritima                                    | 1            |           | neu    |
| Mesonia mobilis                                     | 1            |           |        |
| Mesonia ostreae                                     | 1            |           |        |
| Mesonia phycicola                                   | 1            |           |        |
| Mesonia sediminis                                   | 1            |           | neu    |
| <b>Mesophilobacter</b>                              |              |           |        |
| Mesophilobacter marinus                             | 1            |           |        |
| <b>Mesoplasma</b>                                   |              |           |        |
| Mesoplasma chauliocola                              | 1            |           |        |
| Mesoplasma coleopterae                              | 1            |           |        |
| Mesoplasma corruscae                                | 1            |           |        |
| Mesoplasma entomophilum (Acholeplasma entomophilum) | 1            |           |        |
| Mesoplasma florum (Acholeplasma florum)             | 1            |           |        |
| Mesoplasma grammopterae                             | 1            |           |        |
| Mesoplasma lactucae (Mycoplasma lactucae)           | 1            |           |        |
| Mesoplasma photuris                                 | 1            |           |        |
| Mesoplasma pleciae → Acholeplasma pleciae           |              |           |        |
| Mesoplasma seiffertii (Acholeplasma seiffertii)     | 1            |           |        |
| Mesoplasma syrphidae                                | 1            |           |        |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| Mesoplasma tabanidae                                  | 1            |           |        |
| <b>Mesorhizobium</b>                                  |              |           |        |
| Mesorhizobium abyssinicae                             | 1            |           |        |
| Mesorhizobium acaciae                                 | 1            |           | neu    |
| Mesorhizobium albiziae                                | 1            |           |        |
| Mesorhizobium alhagi                                  | 1            |           |        |
| Mesorhizobium amorphae                                | 1            |           |        |
| Mesorhizobium australicum                             | 1            |           |        |
| Mesorhizobium calcicola                               | 1            |           | neu    |
| Mesorhizobium camelthorni                             | 1            |           |        |
| Mesorhizobium cantuariense                            | 1            |           | neu    |
| Mesorhizobium caraganae                               | 1            |           |        |
| Mesorhizobium chacoense                               | 1            |           |        |
| Mesorhizobium ciceri (Rhizobium ciceri)               | 1            |           |        |
| Mesorhizobium erdmanii                                | 1            |           | neu    |
| Mesorhizobium gobiense                                | 1            |           |        |
| Mesorhizobium hawassense                              | 1            |           |        |
| Mesorhizobium helmanticense                           | 1            |           | neu    |
| Mesorhizobium huakuui (Rhizobium huakuui)             | 1            |           |        |
| Mesorhizobium japonicum                               | 1            |           | neu    |
| Mesorhizobium jarvisii                                | 1            |           | neu    |
| Mesorhizobium kowhaii                                 | 1            |           | neu    |
| Mesorhizobium loti (Rhizobium loti)                   | 1            |           |        |
| Mesorhizobium mediterraneum (Rhizobium mediterraneum) | 1            |           |        |
| Mesorhizobium metallidurans                           | 1            |           |        |
| Mesorhizobium muleiense                               | 1            |           |        |
| Mesorhizobium newzealandense                          | 1            |           | neu    |
| Mesorhizobium oceanicum                               | 1            |           | neu    |
| Mesorhizobium olivaresii                              | 1            |           | neu    |
| Mesorhizobium opportunistum                           | 1            |           |        |
| Mesorhizobium plurifarum                              | 1            |           |        |
| Mesorhizobium qingshengii                             | 1            |           |        |
| Mesorhizobium robiniae                                | 1            |           |        |
| Mesorhizobium sangaii                                 | 1            |           |        |
| Mesorhizobium sediminum                               | 1            |           | neu    |
| Mesorhizobium septentrionale                          | 1            |           |        |
| Mesorhizobium shangrilense                            | 1            |           |        |
| Mesorhizobium shonense                                | 1            |           |        |
| Mesorhizobium silamurunense                           | 1            |           |        |
| Mesorhizobium soli                                    | 1            |           | neu    |
| Mesorhizobium sophorae                                | 1            |           | neu    |
| Mesorhizobium tamadayense                             | 1            |           |        |
| Mesorhizobium tarimense                               | 1            |           |        |
| Mesorhizobium temperatum                              | 1            |           |        |
| Mesorhizobium thioanganeticum                         | 1            |           |        |

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| Spezies   | Risikogruppe | Bemerkung | Status            |
|---|--------------|-----------|-------------------|
| Mesorhizobium tianshanense (Rhizobium tianshanense)                           | 1            |           |                   |
| Mesorhizobium waimense  | 1            |           | neu               |
| Mesorhizobium waitakense  | 1            |           | neu               |
| <b>Mesotoga</b>   |              |           |                   |
| Mesotoga infera   | 1            |           |                   |
| Mesotoga prima  | 1            |           |                   |
| <b>Metakosakonia</b>  |              |           |                   |
| Metakosakonia massiliensis (Enterobacter massiliensis)                        | 1            |           | neu, Umb., Einst. |
| <b>Metallibacterium</b>   |              |           |                   |
| Metallibacterium scheffleri   | 1            |           |                   |
| <b>Metallosphaera</b>   |              |           |                   |
| <i>Metallosphaera cuprina</i>   | 1            |           |                   |
| <i>Metallosphaera hakonensis</i> ( <i>Sulfolobus hakonensis</i> )             | 1            |           |                   |
| <i>Metallosphaera prunae</i>  | 1            |           |                   |
| <i>Metallosphaera sedula</i>  | 1            |           |                   |
| <i>Metallosphaera tengchongensis</i>  | 1            |           | neu               |
| <b>Metascardovia → Alloscardovia</b>  |              |           |                   |
| Metascardovia criceti → Alloscardovia criceti                                 |              |           |                   |
| <b>Methanimicrococcus</b>   |              |           |                   |
| <i>Methanimicrococcus blatticola</i>  | 1            |           |                   |
| <b>Methanobacterium</b>   |              |           |                   |
| <i>Methanobacterium aarhusense</i>  | 1            |           |                   |
| <i>Methanobacterium aggregans</i>   | 1            |           | neu               |
| <i>Methanobacterium alcaliphilum</i>  | 1            |           |                   |
| <i>Methanobacterium arbophilicum</i> → <i>Methanobrevibacter arboriphilus</i> |              |           |                   |
| <i>Methanobacterium arcticum</i>  | 1            |           |                   |
| <i>Methanobacterium beijingense</i>   | 1            |           |                   |
| <i>Methanobacterium bryantii</i>  | 1            |           |                   |
| <i>Methanobacterium congolense</i>  | 1            |           |                   |
| <i>Methanobacterium defluvii</i> → <i>Methanothermobacter defluvii</i>        |              |           |                   |
| <i>Methanobacterium espanolae</i>   | 1            |           |                   |
| <i>Methanobacterium ferruginis</i>  | 1            |           |                   |
| <i>Methanobacterium flexile</i>   | 1            |           |                   |
| <i>Methanobacterium formicicum</i>  | 1            |           |                   |
| <i>Methanobacterium ivanovii</i>  | 1            |           |                   |
| <i>Methanobacterium kanagiense</i>  | 1            |           |                   |
| <i>Methanobacterium lacus</i>   | 1            |           |                   |
| <i>Methanobacterium mobile</i> → <i>Methanomicrobium mobile</i>               |              |           |                   |
| <i>Methanobacterium movens</i>  | 1            |           |                   |
| <i>Methanobacterium movilense</i>   | 1            |           |                   |
| <i>Methanobacterium oryzae</i>  | 1            |           |                   |
| <i>Methanobacterium paludis</i>   | 1            |           |                   |

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|--|--------------|-----------|--------|
| <i>Methanobacterium palustre</i>   | 1            |           |        |
| <i>Methanobacterium petrolearium</i>   | 1            |           |        |
| <i>Methanobacterium ruminantium</i> → <i>Methanobrevibacter ruminantium</i>  |              |           |        |
| <i>Methanobacterium subterraneum</i>   | 1            |           |        |
| <i>Methanobacterium thermoaggregans</i>  | 1            |           |        |
| <i>Methanobacterium thermoalcaliphilum</i> – synonym: <i>Methanobacterium thermoautotrophicum</i> → <i>Methanothermobacter thermoautotrophicus</i> |              |           |        |
| <i>Methanobacterium thermoautotrophicum</i> → <i>Methanothermobacter thermoautotrophicus</i>   |              |           |        |
| <i>Methanobacterium thermoflexum</i> → <i>Methanothermobacter thermoflexus</i>   |              |           |        |
| <i>Methanobacterium thermoformicum</i> – synonym: <i>Methanobacterium thermoautotrophicum</i> → <i>Methanothermobacter thermoautotrophicus</i>     |              |           |        |
| <i>Methanobacterium thermophilum</i> → <i>Methanothermobacter thermophilus</i>   |              |           |        |
| <i>Methanobacterium uliginosum</i>   | 1            |           |        |
| <i>Methanobacterium veterum</i>  | 1            |           |        |
| <i>Methanobacterium wolfei</i> → <i>Methanothermobacter wolfeii</i>  |              |           |        |
| <b>Methanobrevibacter</b>  |              |           |        |
| <i>Methanobrevibacter acididurans</i>  | 1            |           |        |
| <i>Methanobrevibacter arboriphilus</i> ( <i>Methanobacterium arbophilicum</i> )  | 1            |           |        |
| <i>Methanobrevibacter boviskoreani</i>   | 1            |           |        |
| <i>Methanobrevibacter curvatus</i>   | 1            |           |        |
| <i>Methanobrevibacter cuticularis</i>  | 1            |           |        |
| <i>Methanobrevibacter filiformis</i>   | 1            |           |        |
| <i>Methanobrevibacter gottschalkii</i>   | 1            |           |        |
| <i>Methanobrevibacter millerae</i>   | 1            |           |        |
| <i>Methanobrevibacter olleyae</i>  | 1            |           |        |
| <i>Methanobrevibacter oralis</i>   | 2            |           |        |
| <i>Methanobrevibacter ruminantium</i> ( <i>Methanobacterium ruminantium</i> )  | 1            |           |        |
| <i>Methanobrevibacter smithii</i>  | 1            |           |        |
| <i>Methanobrevibacter woesei</i>   | 1            |           |        |
| <i>Methanobrevibacter wolinii</i>  | 1            |           |        |
| <b>Methanocalculus</b>   |              |           |        |
| <i>Methanocalculus alkaliphilus</i>  | 1            |           | neu    |
| <i>Methanocalculus chunghsingensis</i>   | 1            |           |        |
| <i>Methanocalculus halotolerans</i>  | 1            |           |        |
| <i>Methanocalculus natronophilus</i>   | 1            |           |        |
| <i>Methanocalculus pumilus</i>   | 1            |           |        |
| <i>Methanocalculus taiwanensis</i>   | 1            |           |        |
| <b>Methanocaldococcus</b>  |              |           |        |
| <i>Methanocaldococcus bathoardescens</i>   | 1            |           | neu    |
| <i>Methanocaldococcus fervens</i> ( <i>Methanococcus fervens</i> )   | 1            |           |        |
| <i>Methanocaldococcus indicus</i>  | 1            |           |        |

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|---|--------------|-----------|--------|
| <i>Methanocaldococcus infernus</i> ( <i>Methanococcus infernus</i> )                        | 1            |           |        |
| <i>Methanocaldococcus jannaschii</i> ( <i>Methanococcus jannaschii</i> )                    | 1            |           |        |
| <i>Methanocaldococcus villosus</i>  | 1            |           |        |
| <i>Methanocaldococcus vulcanius</i> ( <i>Methanococcus vulcanius</i> )                      | 1            |           |        |
| <b>Methanocella</b>   |              |           |        |
| <i>Methanocella arvoryzae</i>   | 1            |           |        |
| <i>Methanocella conradii</i>  | 1            |           |        |
| <i>Methanocella paludicola</i>  | 1            |           |        |
| <b>Methanococcoides</b>   |              |           |        |
| <i>Methanococcoides alaskense</i>   | 1            |           |        |
| <i>Methanococcoides burtonii</i>  | 1            |           |        |
| <i>Methanococcoides methylutens</i>   | 1            |           |        |
| <i>Methanococcoides vulcani</i>   | 1            |           |        |
| <b>Methanococcus</b>  |              |           |        |
| <i>Methanococcus aeolicus</i>   | 1            |           |        |
| <i>Methanococcus deltae</i> – synonym: <i>Methanococcus maripaludis</i>                     |              |           |        |
| <i>Methanococcus fervens</i> → <i>Methanocaldococcus fervens</i>                            |              |           |        |
| <i>Methanococcus frisius</i> → <i>Methanosarcina mazei</i>                                  |              |           |        |
| <i>Methanococcus halophilus</i> → <i>Methanohalophilus halophilus</i>                       |              |           |        |
| <i>Methanococcus igneus</i> → <i>Methanotorris igneus</i>                                   |              |           |        |
| <i>Methanococcus infernus</i> → <i>Methanocaldococcus infernus</i>                          |              |           |        |
| <i>Methanococcus jannaschii</i> → <i>Methanocaldococcus jannaschii</i>                      |              |           |        |
| <i>Methanococcus maripaludis</i>  | 1            |           |        |
| <i>Methanococcus mazei</i> → <i>Methanosarcina mazei</i>                                    |              |           |        |
| <i>Methanococcus thermolithotrophicus</i> → <i>Methanothermococcus thermolithotrophicus</i> |              |           |        |
| <i>Methanococcus vanniellii</i>   | 1            |           |        |
| <i>Methanococcus voltae</i>   | 1            |           |        |
| <i>Methanococcus vulcanius</i> → <i>Methanocaldococcus vulcanius</i>                        |              |           |        |
| <b>Methanocorpusculum</b>   |              |           |        |
| <i>Methanocorpusculum aggregans</i> ( <i>Methanogenium aggregans</i> )                      | 1            |           |        |
| <i>Methanocorpusculum bavaricum</i>   | 1            |           |        |
| <i>Methanocorpusculum labreanum</i>   | 1            |           |        |
| <i>Methanocorpusculum parvum</i>  | 1            |           |        |
| <i>Methanocorpusculum sinense</i>   | 1            |           |        |
| <b>Methanoculleus</b>   |              |           |        |
| <i>Methanoculleus bourgensis</i> ( <i>Methanogenium bourgense</i> )                         | 1            |           |        |
| <i>Methanoculleus chikugoensis</i>  | 1            |           |        |
| <i>Methanoculleus horonobensis</i>  | 1            |           |        |
| <i>Methanoculleus hydrogenitrophicus</i>  | 1            |           |        |

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|--|--------------|-----------|--------|
| <i>Methanoculleus marisnigri</i> ( <i>Methanogenium marisnigri</i> )             | 1            |           |        |
| <i>Methanoculleus oldenburgensis</i> – synonym: <i>Methanoculleus bourgensis</i> |              |           |        |
| <i>Methanoculleus olentangyi</i> – synonym: <i>Methanoculleus bourgensis</i>     |              |           |        |
| <i>Methanoculleus palmolei</i>   | 1            |           |        |
| <i>Methanoculleus receptaculi</i>  | 1            |           |        |
| <i>Methanoculleus sediminis</i>  | 1            |           | neu    |
| <i>Methanoculleus submarinus</i>   | 1            |           |        |
| <i>Methanoculleus taiwanensis</i>  | 1            |           | neu    |
| <i>Methanoculleus thermophilus</i> ( <i>Methanogenium thermophilicum</i> )       | 1            |           |        |
| <b>Methanofollis</b>   |              |           |        |
| <i>Methanofollis aquaemaris</i>  | 1            |           |        |
| <i>Methanofollis ethanolicus</i>   | 1            |           |        |
| <i>Methanofollis formosanus</i>  | 1            |           |        |
| <i>Methanofollis liminatans</i> ( <i>Methanogenium liminatans</i> )              | 1            |           |        |
| <i>Methanofollis tationis</i> ( <i>Methanogenium tationis</i> )                  | 1            |           |        |
| <b>Methanogenium</b>   |              |           |        |
| <i>Methanogenium aggregans</i> → <i>Methanocorpusculum aggregans</i>             |              |           |        |
| <i>Methanogenium bourgense</i> → <i>Methanoculleus bourgensis</i>                |              |           |        |
| <i>Methanogenium cariaci</i>   | 1            |           |        |
| <i>Methanogenium frigidum</i>  | 1            |           |        |
| <i>Methanogenium frittonii</i> – synonym: <i>Methanoculleus thermophiles</i>     |              |           |        |
| <i>Methanogenium liminatans</i> → <i>Methanofollis liminatans</i>                |              |           |        |
| <i>Methanogenium marinum</i>   | 1            |           |        |
| <i>Methanogenium marisnigri</i> → <i>Methanoculleus marisnigri</i>               |              |           |        |
| <i>Methanogenium olentangyi</i> → <i>Methanoculleus olentangyi</i>               |              |           |        |
| <i>Methanogenium organophilum</i>  | 1            |           |        |
| <i>Methanogenium tationis</i> → <i>Methanofollis tationis</i>                    |              |           |        |
| <i>Methanogenium thermophilicum</i> → <i>Methanoculleus thermophilus</i>         |              |           |        |
| <b>Methanohalobium</b>   |              |           |        |
| <i>Methanohalobium evestigatum</i>   | 1            |           |        |
| <b>Methanohalophilus</b>   |              |           |        |
| <i>Methanohalophilus halophilus</i> ( <i>Methanococcus halophilus</i> )          | 1            |           |        |
| <i>Methanohalophilus levihalophilus</i>  | 1            |           |        |
| <i>Methanohalophilus mahii</i>   | 1            |           |        |
| <i>Methanohalophilus oregonensis</i> → <i>Methanolobus oregonensis</i>           |              |           |        |
| <i>Methanohalophilus portucalensis</i>   | 1            |           |        |
| <i>Methanohalophilus zhilinae</i> → <i>Methanosalsum zhilinae</i>                |              |           |        |

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|---|--------------|-----------|--------|
| <b>Methanolacinia</b>   |              |           |        |
| <i>Methanolacinia paynteri</i> ( <i>Methanomicrobium paynteri</i> )   | 1            |           |        |
| <i>Methanolacinia petrolearia</i> ( <i>Methanoplanus petrolearius</i> )   | 1            |           | Umb.   |
| <b>Methanolinea</b>   |              |           |        |
| <i>Methanolinea tarda</i>   | 1            |           |        |
| <b>Methanlobus</b>  |              |           |        |
| <i>Methanlobus bombayensis</i>  | 1            |           |        |
| <i>Methanlobus chelungpuianus</i>   | 1            |           | neu    |
| <i>Methanlobus oregonensis</i> ( <i>Methanohalophilus oregonensis</i> )   | 1            |           |        |
| <i>Methanlobus profundus</i>  | 1            |           |        |
| <i>Methanlobus siciliae</i> → <i>Methanosarcina siciliae</i>  | 1            |           |        |
| <i>Methanlobus taylorii</i>   | 1            |           |        |
| <i>Methanlobus tindarius</i>  | 1            |           |        |
| <i>Methanlobus vulcani</i>  | 1            |           |        |
| <i>Methanlobus zinderi</i>  | 1            |           |        |
| <b>Methanomassiliicoccus</b>  |              |           |        |
| <i>Methanomassiliicoccus luminyensis</i>  | 1            |           |        |
| <b>Methanomethylovorans</b>   |              |           |        |
| <i>Methanomethylovorans hollandica</i>  | 1            |           |        |
| <i>Methanomethylovorans thermophila</i>   | 1            |           |        |
| <i>Methanomethylovorans uponensis</i>   | 1            |           |        |
| <b>Methanomicrobium</b>   |              |           |        |
| <i>Methanomicrobium antiquum</i>  | 1            |           | neu    |
| <i>Methanomicrobium mobile</i> ( <i>Methanobacterium mobile</i> )   | 1            |           |        |
| <i>Methanomicrobium paynteri</i> → <i>Methanolacinia paynteri</i>   |              |           |        |
| <b>Methanoplanus</b>  |              |           |        |
| <i>Methanoplanus endosymbiosus</i>  | 1            |           |        |
| <i>Methanoplanus limicola</i>   | 1            |           |        |
| <i>Methanoplanus petrolearius</i> → <i>Methanolacinia petrolearia</i>   |              |           | Umb.   |
| <b>Methanopyrus</b>   |              |           |        |
| <i>Methanopyrus kandleri</i>  | 1            |           |        |
| <b>Methanoregula</b>  |              |           |        |
| <i>Methanoregula boonei</i>   | 1            |           |        |
| <i>Methanoregula formicica</i>  | 1            |           |        |
| <b>Methanosaeta</b>   |              |           |        |
| <i>Methanosaeta concilii</i> ( <i>Methanothrix concilii</i> )   | 1            |           |        |
| <i>Methanosaeta harundinacea</i>  | 1            |           |        |
| <i>Methanosaeta thermoacetophila</i> = <i>Methanosaeta thermophila</i> ( <i>Methanothrix thermoacetophila</i> , <i>Methanothrix thermophila</i> ) | 1            |           |        |
| <i>Methanosaeta thermophila</i> ( <i>Methanothrix thermoacetophila</i> , <i>Methanothrix thermophila</i> ) = <i>Methanosaeta thermoacetophila</i> | 1            |           |        |
| <b>Methanosalsum</b>  |              |           |        |



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|--|--------------|-----------|--------|
| <i>Methanosalsum natronophilum</i>   | 1            |           | neu    |
| <i>Methanosalsum zhilinae</i> ( <i>Methanohalophilus zhilinae</i> )                            | 1            |           |        |
| <b>Methanosarcina</b>  |              |           |        |
| <i>Methanosarcina acetivorans</i>  | 1            |           |        |
| <i>Methanosarcina baltica</i>  | 1            |           |        |
| <i>Methanosarcina barkeri</i>  | 1            |           |        |
| <i>Methanosarcina flavescens</i>   | 1            |           | neu    |
| <i>Methanosarcina frisia</i> – synonym: <i>Methanosarcina mazei</i>                            |              |           |        |
| <i>Methanosarcina horonobensis</i>   | 1            |           |        |
| <i>Methanosarcina lacustris</i>  | 1            |           |        |
| <i>Methanosarcina mazei</i> ( <i>Methanococcus mazei</i> )                                     | 1            |           |        |
| <i>Methanosarcina methanica</i>  | 1            |           |        |
| <i>Methanosarcina semesiae</i>   | 1            |           |        |
| <i>Methanosarcina siciliae</i> ( <i>Methanolobus siciliae</i> )                                | 1            |           |        |
| <i>Methanosarcina soligelidi</i>   | 1            |           |        |
| <i>Methanosarcina spelaei</i>  | 1            |           | neu    |
| <i>Methanosarcina subterranea</i>  | 1            |           | neu    |
| <i>Methanosarcina thermophila</i>  | 1            |           |        |
| <i>Methanosarcina vacuolata</i>  | 1            |           |        |
| <b>Methanosphaera</b>  |              |           |        |
| <i>Methanosphaera cuniculi</i>   | 1            |           |        |
| <i>Methanosphaera stadtmanae</i>   | 1            |           |        |
| <b>Methanosphaerula</b>  |              |           |        |
| <i>Methanosphaerula palustris</i>  | 1            |           |        |
| <b>Methanospirillum</b>  |              |           |        |
| <i>Methanospirillum hungatei</i>   | 1            |           |        |
| <i>Methanospirillum lacunae</i>  | 1            |           |        |
| <i>Methanospirillum psychrodurum</i>   | 1            |           |        |
| <i>Methanospirillum stamsii</i>  | 1            |           |        |
| <b>Methanothermobacter</b>   |              |           |        |
| <i>Methanothermobacter crinale</i>   | 1            |           |        |
| <i>Methanothermobacter defluvii</i> ( <i>Methanobacterium defluvii</i> )                       | 1            |           |        |
| <i>Methanothermobacter marburgensis</i>  | 1            |           |        |
| <i>Methanothermobacter tenebrarum</i>  | 1            |           |        |
| <i>Methanothermobacter thermoautotrophicus</i> ( <i>Methanobacterium thermoautotrophicum</i> ) | 1            |           |        |
| <i>Methanothermobacter thermoflexus</i> ( <i>Methanobacterium thermoflexum</i> )               | 1            |           |        |
| <i>Methanothermobacter thermophilus</i> ( <i>Methanobacterium thermophilum</i> )               | 1            |           |        |
| <i>Methanothermobacter wolfeii</i> ( <i>Methanobacterium wolfeii</i> )                         | 1            |           |        |
| <b>Methanothermococcus</b>   |              |           |        |
| <i>Methanothermococcus okinawensis</i>   | 1            |           |        |
| <i>Methanothermococcus thermolithotrophicus</i> ( <i>Methanococcus thermolithotrophicus</i> )  | 1            |           |        |
| <b>Methanothermus</b>  |              |           |        |

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| <i>Methanothermus fervidus</i>   | 1            |           |        |
| <i>Methanothermus sociabilis</i>   | 1            |           |        |
| <b>Methanotherrix → Methanosaeta</b>                                     |              |           |        |
| <i>Methanotherrix concilii</i> → <i>Methanosaeta concilii</i>            |              |           |        |
| <i>Methanotherrix soehngenii</i> – synonym: <i>Methanosaeta concilii</i> |              |           |        |
| <i>Methanotherrix thermoacetophila</i> → <i>Methanosaeta thermophila</i> |              |           |        |
| <i>Methanotherrix thermophila</i> → <i>Methanosaeta thermophila</i>      |              |           |        |
| <b>Methanotorris</b>   |              |           |        |
| <i>Methanotorris formicicus</i>  | 1            |           |        |
| <i>Methanotorris igneus</i> ( <i>Methanococcus igneus</i> )              | 1            |           |        |
| <b>Methermicoccus</b>  |              |           |        |
| <i>Methermicoccus shengliensis</i>                                       | 1            |           |        |
| <b>Methylarcula</b>  |              |           |        |
| <i>Methylarcula marina</i>   | 1            |           |        |
| <i>Methylarcula terricola</i>  | 1            |           |        |
| <b>Methylibium</b>   |              |           |        |
| <i>Methylibium aquaticum</i> → <i>Piscinibacter aquaticus</i>            |              |           |        |
| <i>Methylibium fulvum</i> → <i>Rhizobacter fulvus</i>                    |              |           |        |
| <i>Methylibium petroleiphilum</i>  | 1            |           |        |
| <i>Methylibium subsaxonicum</i> → <i>Rivibacter subsaxonicus</i>         |              |           |        |
| <b>Methylobacillus</b>   |              |           |        |
| <i>Methylobacillus arboreus</i>  | 1            |           |        |
| <i>Methylobacillus flagellatum</i>                                       | 1            |           |        |
| <i>Methylobacillus glycogenes</i>  | 1            |           |        |
| <i>Methylobacillus gramineus</i>   | 1            |           |        |
| <i>Methylobacillus methanolivorans</i>                                   | 1            |           | neu    |
| <i>Methylobacillus pratensis</i>   | 1            |           |        |
| <i>Methylobacillus rhizosphaerae</i>                                     | 1            |           | neu    |
| <b>Methylobacter</b>   |              |           |        |
| <i>Methylobacter agilis</i> → <i>Methylomicrobium agile</i>              |              |           |        |
| <i>Methylobacter albus</i> → <i>Methylomicrobium album</i>               |              |           |        |
| <i>Methylobacter luteus</i> ( <i>Methylococcus luteus</i> )              | 1            |           |        |
| <i>Methylobacter marinus</i>   | 1            |           |        |
| <i>Methylobacter pelagicus</i> → <i>Methylomicrobium pelagicum</i>       |              |           |        |
| <i>Methylobacter psychrophilus</i>                                       | 1            |           |        |
| <i>Methylobacter tundripaludum</i>                                       | 1            |           |        |
| <i>Methylobacter whittenburyi</i> ( <i>Methylococcus whittenburyi</i> )  | 1            |           |        |
| <b>Methylobacterium</b>  |              |           |        |
| <i>Methylobacterium adhaesivum</i>                                       | 1            |           |        |
| <i>Methylobacterium aerolatum</i>  | 1            |           |        |
| <i>Methylobacterium aminovorans</i>                                      | 1            |           |        |
| <i>Methylobacterium aquaticum</i>  | 1            |           |        |
| <i>Methylobacterium brachiatum</i>                                       | 1            |           |        |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| Methylobacterium brachythecii                           | 1            |           |        |
| Methylobacterium cerastii                               | 1            |           |        |
| Methylobacterium chloromethanicum                       | 1            |           |        |
| Methylobacterium dankookense                            | 1            |           |        |
| Methylobacterium dichloromethanicum                     | 1            |           |        |
| Methylobacterium extorquens (Protomonas extorquens)     | 1            |           |        |
| Methylobacterium frigidaeris                            | 1            |           | neu    |
| Methylobacterium fujisawaense                           | 1            |           |        |
| Methylobacterium gnaphalii                              | 1            |           |        |
| Methylobacterium goesingense                            | 1            |           |        |
| Methylobacterium gossipiicola                           | 1            |           |        |
| Methylobacterium gregans                                | 1            |           |        |
| Methylobacterium haplocladii                            | 1            |           |        |
| Methylobacterium hispanicum                             | 1            |           |        |
| Methylobacterium iners                                  | 1            |           |        |
| Methylobacterium isbiliense                             | 1            |           |        |
| Methylobacterium jeotgali                               | 1            |           |        |
| Methylobacterium komagatae                              | 1            |           |        |
| Methylobacterium longum                                 | 1            |           |        |
| Methylobacterium lusitanum                              | 1            |           |        |
| Methylobacterium marchantiae                            | 1            |           |        |
| Methylobacterium mesophilicum (Pseudomonas mesophilica) | 1            | +         |        |
| Methylobacterium nodulans                               | 1            |           |        |
| Methylobacterium organophilum                           | 1            |           |        |
| Methylobacterium oryzae                                 | 1            |           |        |
| Methylobacterium oxalidis                               | 1            |           |        |
| Methylobacterium persicinum                             | 1            |           |        |
| Methylobacterium phyllosphaerae                         | 1            |           |        |
| Methylobacterium phyllostachyos                         | 1            |           | neu    |
| Methylobacterium platani                                | 1            |           |        |
| Methylobacterium podarium                               | 1            |           | neu    |
| Methylobacterium populi                                 | 1            |           |        |
| Methylobacterium pseudosasae                            | 1            |           | neu    |
| Methylobacterium pseudosasicola                         | 1            |           | neu    |
| Methylobacterium radiotolerans (Pseudomonas radiora)    | 1            |           |        |
| Methylobacterium rhodesianum                            | 1            |           |        |
| Methylobacterium rhodinum (Pseudomonas rhodos)          | 1            |           |        |
| Methylobacterium salsuginis                             | 1            |           |        |
| Methylobacterium soli                                   | 1            |           |        |
| Methylobacterium suomiense                              | 1            |           |        |
| Methylobacterium tardum                                 | 1            |           |        |
| Methylobacterium tarhaniae                              | 1            |           |        |
| Methylobacterium thiocyanatum                           | 1            |           |        |
| Methylobacterium thuringiense                           | 1            |           |        |

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|--|--------------|-----------|--------|
| Methylobacterium trifolii                                      | 1            |           |        |
| Methylobacterium variabile                                     | 1            |           |        |
| Methylobacterium zatmanii                                      | 1            |           |        |
| <b>Methylobrevis</b>   |              |           |        |
| Methylobrevis pamukkalensis                                    | 1            |           | neu    |
| <b>Methylocaldum</b>   |              |           |        |
| Methylocaldum gracile  | 1            |           |        |
| Methylocaldum marinum  | 1            |           | neu    |
| Methylocaldum szegediense                                      | 1            |           |        |
| Methylocaldum tepidum  | 1            |           |        |
| <b>Methylocapsa</b>  |              |           |        |
| Methylocapsa acidiphila  | 1            |           |        |
| Methylocapsa aurea   | 1            |           |        |
| Methylocapsa palsarum  | 1            |           | neu    |
| <b>Methyloceanibacter</b>                                      |              |           |        |
| Methyloceanibacter caenitepidi                                 | 1            |           |        |
| <b>Methylocella</b>  |              |           |        |
| Methylocella palustris   | 1            |           |        |
| Methylocella silvestris  | 1            |           |        |
| Methylocella tundrae   | 1            |           |        |
| <b>Methylococcus</b>   |              |           |        |
| Methylococcus bovis – synonym: Methylobacter luteus            |              |           |        |
| Methylococcus capsulatus                                       | 1            |           |        |
| Methylococcus chroococcus                                      | 1            |           |        |
| Methylococcus luteus → Methylobacter luteus                    |              |           |        |
| Methylococcus mobilis  | 1            |           |        |
| Methylococcus thermophilus                                     | 1            |           |        |
| Methylococcus vinelandii – synonym: Methylobacter whittenburyi |              |           |        |
| Methylococcus whittenburyi → Methylobacter whittenburyi        |              |           |        |
| <b>Methylocystis</b>   |              |           |        |
| Methylocystis bryophila  | 1            |           |        |
| Methylocystis echinoides                                       | 1            |           |        |
| Methylocystis heyeri   | 1            |           |        |
| Methylocystis hirsuta  | 1            |           |        |
| Methylocystis parva  | 1            |           |        |
| Methylocystis rosea  | 1            |           |        |
| <b>Methyloferula</b>   |              |           |        |
| Methyloferula stellata   | 1            |           |        |
| <b>Methylogaea</b>   |              |           |        |
| Methylogaea oryzae   | 1            |           |        |
| <b>Methyloglobulus</b>   |              |           |        |
| Methyloglobulus morosus  | 1            |           | neu    |
| <b>Methylohalobius</b>   |              |           |        |
| Methylohalobius crimeensis                                     | 1            |           |        |
| <b>Methylohalomonas</b>  |              |           |        |

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|---|--------------|-----------|--------|
| Methylohalomonas lacus  | 1            |           |        |
| <b>Methyloligella</b>   |              |           |        |
| Methyloligella halotolerans   | 1            |           |        |
| Methyloligella solikamskensis   | 1            |           |        |
| <b>Methylomagnum</b>  |              |           |        |
| Methylomagnum ishizawai   | 1            |           | neu    |
| <b>Methylomarinovum</b>   |              |           |        |
| Methylomarinovum caldicuralii   | 1            |           |        |
| <b>Methylomarinum</b>   |              |           |        |
| Methylomarinum vadi   | 1            |           |        |
| <b>Methylomicrobium</b>   |              |           |        |
| Methylomicrobium agile (Methylobacter agilis)                               | 1            |           |        |
| Methylomicrobium album (Methylobacter albus)                                | 1            |           |        |
| Methylomicrobium alcaliphilum   | 1            |           |        |
| Methylomicrobium buryatense   | 1            |           |        |
| Methylomicrobium japanense  | 1            |           |        |
| Methylomicrobium kenyense   | 1            |           |        |
| Methylomicrobium pelagicum (Methylomonas pelagica, Methylobacter pelagicus) | 1            |           |        |
| <b>Methylomonas</b>   |              |           |        |
| Methylomonas aurantiaca   | 1            |           |        |
| Methylomonas fodinarum  | 1            |           |        |
| Methylomonas koyamae  | 1            |           |        |
| Methylomonas lenta  | 1            |           |        |
| Methylomonas methanica  | 1            |           |        |
| Methylomonas paludis  | 1            |           |        |
| Methylomonas pelagica → Methylomicrobium pelagicum                          |              |           |        |
| Methylomonas scandinavica   | 1            |           |        |
| <b>Methylonatrum</b>  |              |           |        |
| Methylonatrum kenyense  | 1            |           |        |
| <b>Methyloparacoccus</b>  |              |           |        |
| Methyloparacoccus murrellii   | 1            |           |        |
| <b>Methylophaga</b>   |              |           |        |
| Methylophaga alcalica   | 1            |           |        |
| Methylophaga aminisulfidivorans   | 1            |           |        |
| Methylophaga frapperi   | 1            |           |        |
| Methylophaga lonarensis   | 1            |           |        |
| Methylophaga marina   | 1            |           |        |
| Methylophaga muralis  | 1            |           |        |
| Methylophaga nitratireducenticrescens                                       | 1            |           |        |
| Methylophaga sulfidovorans  | 1            |           |        |
| Methylophaga thalassica   | 1            |           |        |
| Methylophaga thiooxydans  | 1            |           |        |
| <b>Methylophilus</b>  |              |           |        |
| Methylophilus flavus  | 1            |           |        |
| Methylophilus glucosoxydans   | 1            |           |        |

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| Spezies                                       | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| Methylophilus leisingeri                      | 1            |           |        |
| Methylophilus luteus                          | 1            |           |        |
| Methylophilus methylotrophus                  | 1            |           |        |
| Methylophilus quaylei                         | 1            |           | neu    |
| Methylophilus rhizosphaerae                   | 1            |           |        |
| <b>Methylopila</b>                            |              |           |        |
| Methylopila capsulata                         | 1            |           |        |
| Methylopila helvetica → Albibacter helveticus |              |           | Umb.   |
| Methylopila henanensis                        | 1            |           | neu    |
| Methylopila jiangsuensis                      | 1            |           |        |
| Methylopila musalis                           | 1            |           |        |
| Methylopila oligotropha                       | 1            |           |        |
| Methylopila turkensis                         | 1            |           | neu    |
| <b>Methyloprofundus</b>                       |              |           |        |
| Methyloprofundus sedimenti                    | 1            |           | neu    |
| <b>Methylorhabdus</b>                         |              |           |        |
| Methylorhabdus multivorans                    | 1            |           |        |
| <b>Methylorosula</b>                          |              |           |        |
| Methylorosula polaris                         | 1            |           |        |
| <b>Methylosarcina</b>                         |              |           |        |
| Methylosarcina fibrata                        | 1            |           |        |
| Methylosarcina lacus                          | 1            |           |        |
| Methylosarcina quisquiliarum                  | 1            |           |        |
| <b>Methylosinus</b>                           |              |           |        |
| Methylosinus sporium                          | 1            |           |        |
| Methylosinus trichosporium                    | 1            |           |        |
| <b>Methylosoma</b>                            |              |           |        |
| Methylosoma difficile                         | 1            |           |        |
| <b>Methylosphaera</b>                         |              |           |        |
| Methylosphaera hansonii                       | 1            |           |        |
| <b>Methylothera</b>                           |              |           |        |
| Methylothera mobilis                          | 1            |           |        |
| Methylothera versatilis                       | 1            |           |        |
| <b>Methylothericola</b>                       |              |           |        |
| Methylothericola oryzae                       | 1            |           | neu    |
| <b>Methylotherigena</b>                       |              |           |        |
| Methylotherigena soli                         | 1            |           | neu    |
| <b>Methylothermus</b>                         |              |           |        |
| Methylothermus subterraneus                   | 1            |           |        |
| Methylothermus thermalis                      | 1            |           |        |
| <b>Methyloversatilis</b>                      |              |           |        |
| Methyloversatilis discipulorum                | 1            |           | neu    |
| Methyloversatilis thermotolerans              | 1            |           |        |
| Methyloversatilis universalis                 | 1            |           |        |
| <b>Methylovirgula</b>                         |              |           |        |
| Methylovirgula ligni                          | 1            |           |        |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| <b>Methylovorus</b>   |              |           |        |
| Methylovorus glucosotrophus   | 1            |           |        |
| Methylovorus mays   | 1            |           |        |
| Methylovorus menthalis  | 1            |           |        |
| <b>Methylovulum</b>   |              |           |        |
| Methylovulum miyakonense  | 1            |           |        |
| Methylovulum psychrotolerans  | 1            |           | neu    |
| <b>Micavibrio</b>   |              |           |        |
| Micavibrio admirandus   | 1            |           |        |
| <b>Microaerobacter</b>  |              |           |        |
| Microaerobacter geothermalis  | 1            |           |        |
| <b>Microbacter</b>  |              |           |        |
| Microbacter margulisiae   | 1            |           | neu    |
| <b>Microbacterium</b>   |              |           |        |
| Microbacterium aerolatum  | 1            |           |        |
| Microbacterium agarici  | 1            |           |        |
| Microbacterium album  | 1            |           | neu    |
| Microbacterium amylolyticum   | 1            |           |        |
| Microbacterium aoyamense  | 1            |           |        |
| Microbacterium aquimaris  | 1            |           |        |
| Microbacterium arabinogalactanolyticum (Aureobacterium arabinogalactanolyticum)                 | 1            |           |        |
| Microbacterium arborescens  | 1            |           |        |
| Microbacterium arthrosphaerae   | 1            |           |        |
| Microbacterium aurantiacum  | 1            |           |        |
| Microbacterium aureliae   | 1            |           | neu    |
| Microbacterium aurum  | 1            |           |        |
| Microbacterium awajiense  | 1            |           |        |
| Microbacterium azadirachtae   | 1            |           |        |
| Microbacterium barkeri (Aureobacterium barkeri)   | 1            |           |        |
| Microbacterium binotii  | 1            | +         |        |
| Microbacterium chocolatum   | 1            |           |        |
| Microbacterium deminutum  | 1            |           |        |
| Microbacterium deserti  | 1            |           | neu    |
| Microbacterium dextranolyticum  | 1            |           |        |
| Microbacterium diaminobutyricum   | 1            |           | neu    |
| Microbacterium enclense   | 1            |           | neu    |
| Microbacterium endophyticum   | 1            |           | neu    |
| Microbacterium esteraromaticum (Flavobacterium esteraromaticum, Aureobacterium esteraromaticum) | 1            |           |        |
| Microbacterium faecale  | 1            |           | neu    |
| Microbacterium flavescens (Arthrobacter flavescens, Aureobacterium flavescens)                  | 1            |           |        |
| Microbacterium flavum   | 1            |           |        |
| Microbacterium fluvii   | 1            |           |        |
| Microbacterium foliorum   | 1            |           |        |
| Microbacterium gilvum   | 1            |           | neu    |

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|---|--------------|-----------|--------|
| Microbacterium ginsengisoli                                     | 1            |           |        |
| Microbacterium ginsengiterrae                                   | 1            |           |        |
| Microbacterium gubbeenense                                      | 1            |           |        |
| Microbacterium halimionae                                       | 1            |           | neu    |
| Microbacterium halophilum                                       | 1            |           |        |
| Microbacterium halotolerans                                     | 1            |           |        |
| Microbacterium hatanonis  | 1            |           |        |
| Microbacterium hibisci  | 1            |           | neu    |
| Microbacterium hominis  | 1            |           |        |
| Microbacterium humi   | 1            |           |        |
| Microbacterium hydrocarboxydans                                 | 1            |           |        |
| Microbacterium hydrothermale                                    | 1            |           | neu    |
| Microbacterium immunditiarum                                    | 1            |           |        |
| Microbacterium imperiale (Brevibacterium imperiale)             | 1            |           |        |
| Microbacterium indicum  | 1            |           |        |
| Microbacterium insulae  | 1            |           |        |
| Microbacterium invictum   | 1            |           |        |
| Microbacterium jejuense   | 1            |           | neu    |
| Microbacterium keratanolyticum (Aureobacterium keratanolyticum) | 1            |           |        |
| Microbacterium ketosireducens                                   | 1            |           |        |
| Microbacterium kitamiense                                       | 1            |           |        |
| Microbacterium koreense   | 1            |           |        |
| Microbacterium kribbense  | 1            |           |        |
| Microbacterium kyungheense                                      | 1            |           | neu    |
| Microbacterium lacticum   | 1            |           |        |
| Microbacterium lacus  | 1            |           |        |
| Microbacterium lacusdiani                                       | 1            |           | neu    |
| Microbacterium laevaniformans                                   | 1            |           |        |
| Microbacterium lemovicicum                                      | 1            |           |        |
| Microbacterium lindanitolerans                                  | 1            |           |        |
| Microbacterium liquefaciens (Aureobacterium liquefaciens)       | 1            |           |        |
| Microbacterium luteolum (Aureobacterium luteolum)               | 1            |           |        |
| Microbacterium luticocti  | 1            |           |        |
| Microbacterium mangrovi   | 1            |           | neu    |
| Microbacterium marinilacus                                      | 1            |           |        |
| Microbacterium marinum  | 1            |           |        |
| Microbacterium maritypicum (Flavobacterium marintypicum)        | 1            |           |        |
| Microbacterium mitrae   | 1            |           |        |
| Microbacterium murale   | 1            |           |        |
| Microbacterium nanhaiense                                       | 1            |           | neu    |
| Microbacterium natoriense                                       | 1            |           |        |
| Microbacterium neimengense                                      | 1            |           |        |
| Microbacterium oleivorans                                       | 1            |           |        |



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|---|--------------|-----------|--------|
| <i>Microbacterium oryzae</i>  | 1            |           |        |
| <i>Microbacterium oxydans</i> ( <i>Brevibacterium oxydans</i> )   | 1            |           |        |
| <i>Microbacterium paludicola</i>  | 1            |           |        |
| <i>Microbacterium panaciterrae</i>  | 1            |           | neu    |
| <i>Microbacterium paraoxydans</i>   | 1            | +         |        |
| <i>Microbacterium petrolearium</i>  | 1            |           | neu    |
| <i>Microbacterium phyllosphaerae</i>  | 1            |           |        |
| <i>Microbacterium populi</i>  | 1            |           | neu    |
| <i>Microbacterium profundum</i>   | 1            |           |        |
| <i>Microbacterium proteolyticum</i>   | 1            |           | neu    |
| <i>Microbacterium pseudoresistens</i>   | 1            |           |        |
| <i>Microbacterium pumilum</i>   | 1            |           |        |
| <i>Microbacterium pygmaeum</i>  | 1            |           |        |
| <i>Microbacterium radiodurans</i>   | 1            |           |        |
| <i>Microbacterium resistens</i> ( <i>Aureobacterium resistens</i> )   | 2            |           |        |
| <i>Microbacterium rhizomatis</i>  | 1            |           | neu    |
| <i>Microbacterium rhizosphaerae</i>   | 1            |           | neu    |
| <i>Microbacterium saccharophilum</i>  | 1            |           |        |
| <i>Microbacterium saperdae</i> ( <i>Brevibacterium saperdae</i> , <i>Curtobacterium saperdae</i> , <i>Aureobacterium saperdae</i> )     | 1            |           |        |
| <i>Microbacterium schleiferi</i> ( <i>Aureobacterium schleiferi</i> )   | 1            |           |        |
| <i>Microbacterium sediminicola</i>  | 1            |           |        |
| <i>Microbacterium sediminis</i>   | 1            |           |        |
| <i>Microbacterium shaanxiense</i>   | 1            |           | neu    |
| <i>Microbacterium soli</i>  | 1            |           |        |
| <i>Microbacterium sorbitolivorans</i>   | 1            |           | neu    |
| <i>Microbacterium terrae</i> ( <i>Aureobacterium terrae</i> )   | 1            |           |        |
| <i>Microbacterium terregens</i> ( <i>Arthrobacter terregens</i> , <i>Aureobacterium terregens</i> )                                     | 1            |           |        |
| <i>Microbacterium terricola</i>   | 1            |           |        |
| <i>Microbacterium testaceum</i> ( <i>Brevibacterium testaceum</i> , <i>Curtobacterium testaceum</i> , <i>Aureobacterium testaceum</i> ) | 1            |           |        |
| <i>Microbacterium thalassium</i>  | 1            |           |        |
| <i>Microbacterium trichothecenolyticum</i> ( <i>Aureobacterium trichothecenolyticum</i> )   | 1            |           |        |
| <i>Microbacterium tumbae</i>  | 1            |           | neu    |
| <i>Microbacterium ulmi</i>  | 1            |           |        |
| <i>Microbacterium xylanilyticum</i>   | 1            |           |        |
| <i>Microbacterium yannicii</i>  | 1            |           |        |
| <i>Microbacterium zeae</i>  | 1            |           | neu    |
| <b>Microbaculum</b>   |              |           |        |
| <i>Microbaculum marinum</i>   | 1            |           | neu    |
| <b>Microbispora</b>   |              |           |        |
| <i>Microbispora aerata</i> → <i>Microbispora rosea</i> subsp. <i>aerata</i>   |              |           |        |

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|---|--------------|-----------|--------|
| Microbispora amethystogenes – synonym: Microbispora rosea subsp. rosea    |              |           |        |
| Microbispora bispora → Thermobispora bispora                              |              |           |        |
| Microbispora bryophytorum   | 1            |           | neu    |
| Microbispora camponoti  | 1            |           | neu    |
| Microbispora chromogenes – synonym: Microbispora rosea subsp. rosea       |              |           |        |
| Microbispora corallina  | 1            |           |        |
| Microbispora diastatica – synonym: Microbispora rosea subsp. rosea        |              |           |        |
| Microbispora echinospora → Actinomadura echinospora                       |              |           |        |
| Microbispora hainanensis  | 1            |           |        |
| Microbispora indica – synonym: Microbispora rosea subsp. rosea            |              |           |        |
| Microbispora karnatakensis – synonym: Microbispora rosea subsp. rosea     |              |           |        |
| Microbispora mesophila → Sphaerimonospora mesophila                       |              |           | Umb.   |
| Microbispora parva – synonym: Microbispora rosea subsp. rosea             |              |           |        |
| Microbispora rosea subsp. aerata (Microbispora aerata)                    | 1            |           |        |
| Microbispora rosea subsp. rosea (Microbispora rosea)                      | 1            |           |        |
| Microbispora rosea → Microbispora rosea subsp. rosea                      |              |           |        |
| Microbispora siamensis  | 1            |           |        |
| Microbispora thailandensis → Sphaerimonospora thailandensis               |              |           | Umb.   |
| Microbispora thermodiastatica – synonym: Microbispora rosea subsp. aerata |              |           |        |
| Microbispora thermorosea – synonym: Microbispora rosea subsp. aerata      |              |           |        |
| Microbispora viridis → Actinomadura rugatobispora                         |              |           |        |
| <b>Microbulbifer</b>  |              |           |        |
| Microbulbifer aestuariivivens   | 1            |           | neu    |
| Microbulbifer agarilyticus  | 1            |           |        |
| Microbulbifer aggregans   | 1            |           | neu    |
| Microbulbifer celer   | 1            |           |        |
| Microbulbifer chitinilyticus  | 1            |           |        |
| Microbulbifer donghaiensis  | 1            |           |        |
| Microbulbifer echini  | 1            |           | neu    |
| Microbulbifer elongatus (Pseudomonas elongata)                            | 1            |           |        |
| Microbulbifer epialgicus  | 1            |           |        |
| Microbulbifer gwangyangensis  | 1            |           |        |
| Microbulbifer halophilus  | 1            |           |        |
| Microbulbifer hydrolyticus  | 1            |           |        |
| Microbulbifer mangrovi  | 1            |           |        |
| Microbulbifer marinus   | 1            |           |        |
| Microbulbifer maritimus   | 1            |           |        |

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|---|--------------|-----------|--------|
| <i>Microbulbifer okinawensis</i>  | 1            |           |        |
| <i>Microbulbifer pacificus</i>  | 1            |           |        |
| <i>Microbulbifer rhizosphaerae</i>  | 1            |           | neu    |
| <i>Microbulbifer salipaludis</i>  | 1            |           |        |
| <i>Microbulbifer taiwanensis</i>  | 1            |           |        |
| <i>Microbulbifer thermotolerans</i>   | 1            |           |        |
| <i>Microbulbifer variabilis</i>   | 1            |           |        |
| <i>Microbulbifer yueqingensis</i>   | 1            |           |        |
| <b>Microcella</b>   |              |           |        |
| <i>Microcella alkaliphila</i>   | 1            |           |        |
| <i>Microcella putealis</i>  | 1            |           |        |
| <b>Micrococcoides</b>   |              |           |        |
| <i>Micrococcoides hystricis</i>   | 1            |           | neu    |
| <b>Micrococcus</b>  |              |           |        |
| <i>Micrococcus agilis</i> → <i>Arthrobacter agilis</i>                            |              |           |        |
| <i>Micrococcus aloeverae</i>  | 1            |           | neu    |
| <i>Micrococcus antarcticus</i>  | 1            |           |        |
| <i>Micrococcus cohnii</i>   | 1            |           |        |
| <i>Micrococcus endophyticus</i>   | 1            |           |        |
| <i>Micrococcus flavus</i>   | 1            |           |        |
| <i>Micrococcus halobius</i> → <i>Nesterenkonia halobia</i>                        |              |           |        |
| <i>Micrococcus kristinae</i> → <i>Kocuria kristinae</i>                           |              |           |        |
| <i>Micrococcus lactis</i> → <i>Neomicrococcus lactis</i>                          |              |           | Umb.   |
| <i>Micrococcus luteus</i>   | 1            |           |        |
| <i>Micrococcus lylae</i>  | 1            |           |        |
| <i>Micrococcus nishinomiyaensis</i> → <i>Dermacoccus nishinomiyaensis</i>         |              |           |        |
| <i>Micrococcus roseus</i> → <i>Kocuria rosea</i>                                  |              |           |        |
| <i>Micrococcus sedentarius</i> → <i>Kytococcus sedentarius</i>                    |              |           |        |
| <i>Micrococcus terreus</i>  | 1            |           |        |
| <i>Micrococcus varians</i> → <i>Kocuria varians</i>                               |              |           |        |
| <i>Micrococcus yunnanensis</i>  | 1            |           |        |
| <b>Microcyclus</b> → <b>Ancylobacter</b>  |              |           |        |
| <i>Microcyclus aquaticus</i> → <i>Ancylobacter aquaticus</i>                      |              |           |        |
| <b>Microellobosporia</b>  |              |           |        |
| <i>Microellobosporia cinerea</i> → <i>Streptomyces cinereus</i>                   |              |           |        |
| <i>Microellobosporia flavea</i> → <i>Streptomyces flaveus</i>                     |              |           |        |
| <i>Microellobosporia grisea</i> – synonym: <i>Streptomyces pseudoehinosporeus</i> |              |           |        |
| <i>Microellobosporia violacea</i> – synonym: <i>Streptomyces yerevanensis</i>     |              |           |        |
| <b>Microlunatus</b>   |              |           |        |
| <i>Microlunatus aurantiacus</i>   | 1            |           |        |
| <i>Microlunatus endophyticus</i>  | 1            |           | neu    |
| <i>Microlunatus ginsengisoli</i>  | 1            |           |        |
| <i>Microlunatus nigridraconis</i>   | 1            |           | neu    |

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| <i>Microlunatus panaciterrae</i>   | 1            |           |        |
| <i>Microlunatus parietis</i>   | 1            |           |        |
| <i>Microlunatus phosphovorus</i>   | 1            |           |        |
| <i>Microlunatus soli</i>   | 1            |           |        |
| <b>Micromonas</b>  |              |           |        |
| <i>Micromonas micros</i> ( <i>Peptostreptococcus micros</i> )<br>→ <i>Parvimonas micra</i>   |              |           |        |
| <b>Micromonospora</b>  |              |           |        |
| <i>Micromonospora aurantiaca</i>   | 1            |           |        |
| <i>Micromonospora auratinigra</i>  | 1            |           |        |
| <i>Micromonospora avicenniae</i>   | 1            |           |        |
| <i>Micromonospora brunnea</i> – synonym: <i>Micromonospora purpureochromogenes</i>   |              |           |        |
| <i>Micromonospora carbonacea</i>   | 1            |           |        |
| <i>Micromonospora carbonacea</i> subsp. <i>aurantiaca</i><br>→ <i>Micromonospora carbonacea</i>  |              |           |        |
| <i>Micromonospora carbonacea</i> subsp. <i>carbonacea</i><br>→ <i>Micromonospora carbonacea</i>  |              |           |        |
| <i>Micromonospora chaiyaphumensis</i>  | 1            |           |        |
| <i>Micromonospora chalcea</i>  | 1            |           |        |
| <i>Micromonospora chersina</i>   | 1            |           |        |
| <i>Micromonospora chokoriensis</i>   | 1            |           |        |
| <i>Micromonospora citrea</i>   | 1            |           |        |
| <i>Micromonospora coerulea</i>   | 1            |           |        |
| <i>Micromonospora coriariae</i>  | 1            |           |        |
| <i>Micromonospora costi</i>  | 1            |           | neu    |
| <i>Micromonospora coxensis</i>   | 1            |           |        |
| <i>Micromonospora cremea</i>   | 1            |           |        |
| <i>Micromonospora eburnea</i>  | 1            |           |        |
| <i>Micromonospora echinaurantiaca</i>  | 1            |           |        |
| <i>Micromonospora echinofusca</i>  | 1            |           |        |
| <i>Micromonospora echinospora</i> ( <i>Micromonospora echinospora</i> subsp. <i>echinospora</i> , <i>Micromonospora echinospora</i> subsp. <i>ferruginea</i> ) | 1            |           |        |
| <i>Micromonospora echinospora</i> subsp. <i>echinospora</i><br>→ <i>Micromonospora echinospora</i>   |              |           |        |
| <i>Micromonospora echinospora</i> subsp. <i>ferruginea</i><br>→ <i>Micromonospora echinospora</i>  |              |           |        |
| <i>Micromonospora echinospora</i> subsp. <i>pallida</i><br>→ <i>Micromonospora pallida</i>   |              |           |        |
| <i>Micromonospora endolithica</i>  | 1            |           |        |
| <i>Micromonospora equina</i>   | 1            |           |        |
| <i>Micromonospora fluostatini</i>  | 1            |           | neu    |
| <i>Micromonospora fulva</i>  | 1            |           | neu    |
| <i>Micromonospora fulviviridis</i>   | 1            |           |        |
| <i>Micromonospora gallica</i>  | 1            |           |        |
| <i>Micromonospora haikouensis</i>  | 1            |           |        |
| <i>Micromonospora halophytica</i> ( <i>Micromonospora halophytica</i> subsp. <i>halophytica</i> )  | 1            |           |        |

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|---|--------------|-----------|--------|
| Micromonospora halophytica subsp. halophytica<br>→ Micromonospora halophytica |              |           |        |
| Micromonospora halophytica subsp. nigra → Micromonospora nigra                |              |           |        |
| Micromonospora halotolerans   | 1            |           |        |
| Micromonospora harpali  | 1            |           | neu    |
| Micromonospora humi   | 1            |           |        |
| Micromonospora inositola  | 1            |           |        |
| Micromonospora inyonensis   | 1            |           |        |
| Micromonospora kangleipakensis  | 1            |           |        |
| Micromonospora krabiensis   | 1            |           |        |
| Micromonospora lupini   | 1            |           |        |
| Micromonospora luteifusca   | 1            |           | neu    |
| Micromonospora luteiviridis   | 1            |           | neu    |
| Micromonospora mangrovi   | 1            |           | neu    |
| Micromonospora marina   | 1            |           |        |
| Micromonospora maritima   | 1            |           |        |
| Micromonospora matsumotoense (Catellatospora matsumotoense)                   | 1            |           |        |
| Micromonospora mirobrigensis  | 1            |           |        |
| Micromonospora narathiwatensis  | 1            |           |        |
| Micromonospora nickelidurans  | 1            |           | neu    |
| Micromonospora nigra (Micromonospora halophytica subsp. nigra)                | 1            |           |        |
| Micromonospora noduli   | 1            |           | neu    |
| Micromonospora olivasterospora  | 1            |           |        |
| Micromonospora oryzae   | 1            |           | neu    |
| Micromonospora ovatispora   | 1            |           | neu    |
| Micromonospora pallida (Micromonospora echinospora subsp. pallida)            | 1            |           |        |
| Micromonospora palomenae  | 1            |           | neu    |
| Micromonospora parathelypteridis  | 1            |           | neu    |
| Micromonospora pattaloongensis  | 1            |           |        |
| Micromonospora peucetia   | 1            |           |        |
| Micromonospora phytophila   | 1            |           | neu    |
| Micromonospora pisi   | 1            |           |        |
| Micromonospora polyrhachis  | 1            |           |        |
| Micromonospora profundus  | 1            |           | neu    |
| Micromonospora purpurea – synonym: Micromonospora echinospora                 |              |           |        |
| Micromonospora purpureochromogenes  | 1            |           |        |
| Micromonospora rhizosphaerae  | 1            |           |        |
| Micromonospora rhodorangea – synonym: Micromonospora echinospora              |              |           |        |
| Micromonospora rifamycinica   | 1            |           |        |
| Micromonospora rosaria  | 1            |           |        |
| Micromonospora saelicesensis  | 1            |           |        |
| Micromonospora sagamiensis  | 1            |           |        |
| Micromonospora schwarzwaldensis   | 1            |           |        |

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|--|--------------|-----------|--------|
| Micromonospora sediminicola  | 1            |           |        |
| Micromonospora sediminis   | 1            |           | neu    |
| Micromonospora siamensis   | 1            |           |        |
| Micromonospora soli  | 1            |           | neu    |
| Micromonospora sonneratae  | 1            |           |        |
| Micromonospora taraxaci  | 1            |           | neu    |
| Micromonospora terminaliae   | 1            |           | neu    |
| Micromonospora tulbaghiaie   | 1            |           |        |
| Micromonospora ureilytica  | 1            |           | neu    |
| Micromonospora vinacea   | 1            |           | neu    |
| Micromonospora violae  | 1            |           | neu    |
| Micromonospora viridifaciens   | 1            |           |        |
| Micromonospora vulcania  | 1            |           | neu    |
| Micromonospora wenchangensis   | 1            |           |        |
| Micromonospora yangpuensis   | 1            |           |        |
| Micromonospora yasonensis  | 1            |           | neu    |
| Micromonospora zamorensis  | 1            |           |        |
| Micromonospora zhanjiangensis  | 1            |           | neu    |
| <b>Micropepsis</b>   |              |           |        |
| Micropepsis pineolensis  | 1            |           | neu    |
| <b>Micropolyspora</b>  |              |           |        |
| Micropolyspora angiospora → Nonomuraea angiospora                                      |              |           |        |
| Micropolyspora brevicatena → Nocardia brevicatena                                      |              |           |        |
| Micropolyspora faeni – synonym: Faenia reactivirgula → Saccharopolyspora reactivirgula |              |           |        |
| Micropolyspora internatus  | 1            |           |        |
| Micropolyspora reactivirgula → Saccharopolyspora reactivirgula                         |              |           |        |
| <b>Micropruina</b>   |              |           |        |
| Micropruina glycogenica  | 1            |           |        |
| <b>Microscilla</b>   |              |           |        |
| Microscilla marina   | 1            |           |        |
| <b>Microsphaera → Nakamurella</b>  |              |           |        |
| Microsphaera multipartita → Nakamurella multipartita                                   |              |           |        |
| <b>Microterricola</b>  |              |           |        |
| Microterricola gilva (Phycicola gilvus)  | 1            |           | Umb.   |
| Microterricola pindariensis (Leifsonia pindariensis)                                   | 1            |           | Umb.   |
| Microterricola viridarii   | 1            |           |        |
| <b>Microtetraspora</b>   |              |           |        |
| Microtetraspora africana → Nonomuraea africana   |              |           |        |
| Microtetraspora angiospora → Nonomuraea angiospora                                     |              |           |        |
| Microtetraspora fastidiosa → Nonomuraea fastidiosa                                     |              |           |        |
| Microtetraspora ferruginea → Nonomuraea ferruginea                                     |              |           |        |

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|---|--------------|-----------|--------|
| Microtetraspora flexuosa → Nonomuraea flexuosa                                |              |           |        |
| Microtetraspora fusca   | 1            |           |        |
| Microtetraspora glauca  | 1            |           |        |
| Microtetraspora helvata → Nonomuraea helvata                                  |              |           |        |
| Microtetraspora malaysiensis  | 1            |           |        |
| Microtetraspora niveoalba   | 1            |           |        |
| Microtetraspora polychroma → Nonomuraea polychroma                            |              |           |        |
| Microtetraspora pusilla → Nonomuraea pusilla                                  |              |           |        |
| Microtetraspora recticatena → Nonomuraea recticatena                          |              |           |        |
| Microtetraspora roseola → Nonomuraea roseola                                  |              |           |        |
| Microtetraspora roseoviolacea → Nonomuraea roseoviolacea subsp. roseoviolacea |              |           |        |
| Microtetraspora rubra → Nonomuraea rubra                                      |              |           |        |
| Microtetraspora salmonea → Nonomuraea salmonea                                |              |           |        |
| Microtetraspora spiralis → Nonomuraea spiralis                                |              |           |        |
| Microtetraspora turkmeniaca → Nonomuraea turkmeniaca                          |              |           |        |
| Microtetraspora tyrrhenii   | 1            |           |        |
| Microtetraspora viridis → Actinomadura viridis                                |              |           |        |
| <b>Microvirga</b>   |              |           |        |
| Microvirga aerilata   | 1            |           |        |
| Microvirga aerophila  | 1            |           |        |
| Microvirga arabica  | 1            |           | neu    |
| Microvirga flocculans (Balneimonas flocculans, Balneomonas flocculans)        | 1            |           |        |
| Microvirga guangxiensis   | 1            |           |        |
| Microvirga indica   | 1            |           | neu    |
| Microvirga lotononidis  | 1            |           |        |
| Microvirga lupini   | 1            |           |        |
| Microvirga makkahensis  | 1            |           | neu    |
| Microvirga massiliensis   | 1            |           | neu    |
| Microvirga ossetica   | 1            |           | neu    |
| Microvirga pakistanensis  | 1            |           | neu    |
| Microvirga soli   | 1            |           | neu    |
| Microvirga subterranea  | 1            |           |        |
| Microvirga vignae   | 1            |           |        |
| Microvirga zambiensis   | 1            |           |        |
| <b>Microvirgula</b>   |              |           |        |
| Microvirgula aerodenitrificans  | 1            |           |        |
| Microvirgula curvata  | 1            |           | neu    |
| <b>Millisia</b>   |              |           |        |
| Millisia brevis   | 1            |           |        |
| <b>Minicystis</b>   |              |           |        |
| Minicystis rosea  | 1            |           | neu    |
| <b>Miniimonas</b>   |              |           |        |

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|---|--------------|-----------|--------|
| <i>Miniimonas arenae</i>  | 1            |           |        |
| <b>Mitsuaria</b>  |              |           |        |
| <i>Mitsuaria chitosanitabida</i>                                | 1            |           |        |
| <i>Mitsuaria noduli</i>   | 1            |           | neu    |
| <b>Mitsuokella</b>  |              |           |        |
| <i>Mitsuokella dentalis</i> → <i>Prevotella dentalis</i>        |              |           |        |
| <i>Mitsuokella jalaludinii</i>                                  | 1            |           |        |
| <i>Mitsuokella multacida</i> ( <i>Bacteroides multiacidus</i> ) | 2            |           |        |
| <b>Mizugakiibacter</b>  |              |           |        |
| <i>Mizugakiibacter sediminis</i>                                | 1            |           | neu    |
| <b>Mobilicoccus</b>   |              |           |        |
| <i>Mobilicoccus caccae</i>                                      | 1            |           | neu    |
| <i>Mobilicoccus pelagius</i>                                    | 1            |           |        |
| <b>Mobilisporobacter</b>  |              |           |        |
| <i>Mobilisporobacter senegalensis</i>                           | 1            |           | neu    |
| <b>Mobilitaea</b>   |              |           |        |
| <i>Mobilitaea sibirica</i>                                      | 1            |           | neu    |
| <b>Mobiluncus</b>   |              |           |        |
| <i>Mobiluncus curtisii</i> subsp. <i>curtisii</i>               | 2            |           |        |
| <i>Mobiluncus curtisii</i> subsp. <i>holmesii</i>               | 2            |           |        |
| <i>Mobiluncus mulieris</i>                                      | 2            |           |        |
| <b>Modestobacter</b>  |              |           |        |
| <i>Modestobacter caceresii</i>                                  | 1            |           | neu    |
| <i>Modestobacter lapidis</i>                                    | 1            |           | neu    |
| <i>Modestobacter marinus</i>                                    | 1            |           |        |
| <i>Modestobacter multiseptatus</i>                              | 1            |           |        |
| <i>Modestobacter muralis</i>                                    | 1            |           | neu    |
| <i>Modestobacter roseus</i>                                     | 1            |           |        |
| <i>Modestobacter versicolor</i>                                 | 1            |           |        |
| <b>Modicisalibacter</b>   |              |           |        |
| <i>Modicisalibacter tunisiensis</i>                             | 1            |           |        |
| <b>Moellerella</b>  |              |           |        |
| <i>Moellerella wisconsensis</i>                                 | 2            |           |        |
| <b>Mogibacterium</b>  |              |           |        |
| <i>Mogibacterium diversum</i>                                   | 1            | +         |        |
| <i>Mogibacterium neglectum</i>                                  | 2            |           |        |
| <i>Mogibacterium pumilum</i>                                    | 2            |           |        |
| <i>Mogibacterium timidum</i> ( <i>Eubacterium timidum</i> )     | 2            |           |        |
| <i>Mogibacterium vescum</i>                                     | 2            |           |        |
| <b>Moheibacter</b>  |              |           |        |
| <i>Moheibacter sediminis</i>                                    | 1            |           |        |
| <i>Moheibacter stercoris</i>                                    | 1            |           | neu    |
| <b>Monaibacterium</b>   |              |           |        |
| <i>Monaibacterium marinum</i>                                   | 1            |           | neu    |
| <b>Monashia</b>   |              |           |        |
| <i>Monashia flava</i>   | 1            |           | neu    |



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| <b>Mongoliibacter</b>   |              |           |        |
| Mongoliibacter ruber  | 1            |           | neu    |
| <b>Mongoliicoccus</b>   |              |           |        |
| Mongoliicoccus alkaliphilus   | 1            |           |        |
| Mongoliicoccus roseus   | 1            |           |        |
| <b>Mongoliimonas</b>  |              |           |        |
| Mongoliimonas terrestris  | 1            |           | neu    |
| <b>Mongoliitalea</b>  |              |           |        |
| Mongoliitalea lutea   | 1            |           |        |
| <b>Monoglobus</b>   |              |           |        |
| Monoglobus pectinilyticus   | 1            |           | neu    |
| <b>Mooreia</b>  |              |           |        |
| Mooreia alkaloidigena   | 1            |           |        |
| <b>Moorella</b>   |              |           |        |
| Moorella glycerini  | 1            |           |        |
| Moorella humiferrea   | 1            |           |        |
| Moorella mulderi  | 1            |           |        |
| Moorella stamsii  | 1            |           |        |
| Moorella thermoacetica (Clostridium thermoacetium)                            | 1            |           |        |
| Moorella thermoautotrophica (Clostridium thermoautotrophicum)                 | 1            |           |        |
| <b>Moraxella</b>  |              |           |        |
| Moraxella (Subgenus Branhamella) catarrhalis                                  | 2            | ht        |        |
| Moraxella (Subgenus Branhamella) caviae = Neisseria caviae                    | 1            |           |        |
| Moraxella (Subgenus Branhamella) cuniculi (Neisseria cuniculi)                | 1            |           |        |
| Moraxella (Subgenus Branhamella) ovis = Neisseria ovis                        | 2            | t         |        |
| Moraxella (Subgenus Moraxella) atlantae                                       | 2            |           |        |
| Moraxella (Subgenus Moraxella) bovis  | 2            | ht        |        |
| Moraxella (Subgenus Moraxella) lacunata                                       | 2            |           |        |
| Moraxella (Subgenus Moraxella) nonliquefaciens                                | 2            |           |        |
| Moraxella (Subgenus Moraxella) osloensis                                      | 2            | ht        |        |
| Moraxella (Subgenus Moraxella) phenylpyruvica → Psychrobacter phenylpyruvicus |              |           |        |
| Moraxella anatipestifer → Riemerella anatipestifer                            |              |           |        |
| Moraxella boevrei   | 1            |           |        |
| Moraxella bovoculi  | 2            | t         |        |
| Moraxella canis   | 1            | +         |        |
| Moraxella caprae  | 1            |           |        |
| Moraxella equi  | 2            | t         |        |
| Moraxella lincolnii   | 1            | +         |        |
| Moraxella oblonga   | 1            |           |        |
| Moraxella pluranimalium   | 2            | t         |        |
| Moraxella porci   | 2            | t         |        |
| Moraxella saccharolytica  | 2            |           |        |

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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| Moraxella urethralis → Oligella urethralis             |              |           |        |
| <b>Morganella</b>                                      |              |           |        |
| Morganella morganii subsp. morganii = Proteus morganii | 2            | ht        |        |
| Morganella morganii subsp. sibonii                     | 2            |           |        |
| Morganella psychrotolerans                             | 1            | T         |        |
| <b>Moritella</b>                                       |              |           |        |
| Moritella abyssi                                       | 1            |           |        |
| Moritella dasanensis                                   | 1            |           |        |
| Moritella japonica                                     | 1            |           |        |
| Moritella marina (Vibrio marinus)                      | 1            |           |        |
| Moritella profunda                                     | 1            |           |        |
| Moritella viscosa (Vibrio viscosus)                    | 1            | t2        |        |
| Moritella yayanosii                                    | 1            |           |        |
| <b>Morococcus</b>                                      |              |           |        |
| Morococcus cerebrosus                                  | 2            |           |        |
| <b>Moryella</b>  |              |           |        |
| Moryella indoligenes                                   | 2            |           |        |
| <b>Motilibacter</b>                                    |              |           |        |
| Motilibacter peucedani                                 | 1            |           |        |
| Motilibacter rhizosphaerae                             | 1            |           |        |
| <b>Motilimonas</b>                                     |              |           |        |
| Motilimonas eburnea                                    | 1            |           | neu    |
| <b>Motiliproteus</b>                                   |              |           |        |
| Motiliproteus sediminis                                | 1            |           | neu    |
| <b>Mucilaginibacter</b>                                |              |           |        |
| Mucilaginibacter amnicola                              | 1            |           | neu    |
| Mucilaginibacter angelicae                             | 1            |           |        |
| Mucilaginibacter antarcticus                           | 1            |           | neu    |
| Mucilaginibacter aquaedulcis                           | 1            |           | neu    |
| Mucilaginibacter auburnensis                           | 1            |           |        |
| Mucilaginibacter boryungensis                          | 1            |           |        |
| Mucilaginibacter calamicampi                           | 1            |           |        |
| Mucilaginibacter carri                                 | 1            |           | neu    |
| Mucilaginibacter composti                              | 1            |           |        |
| Mucilaginibacter craterilacus                          | 1            |           | neu    |
| Mucilaginibacter daejeonensis                          | 1            |           |        |
| Mucilaginibacter defluvii                              | 1            |           |        |
| Mucilaginibacter dorajii                               | 1            |           |        |
| Mucilaginibacter flavus                                | 1            |           |        |
| Mucilaginibacter fluminis                              | 1            |           | neu    |
| Mucilaginibacter frigoritolerans                       | 1            |           |        |
| Mucilaginibacter galii                                 | 1            |           | neu    |
| Mucilaginibacter ginsengisoli                          | 1            |           | neu    |
| Mucilaginibacter gossypii                              | 1            |           |        |
| Mucilaginibacter gossypicola                           | 1            |           |        |
| Mucilaginibacter gotjawali                             | 1            |           | neu    |

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|---|--------------|-----------|--------|
| <i>Mucilaginibacter gracilis</i>                        | 1            |           |        |
| <i>Mucilaginibacter gynuensis</i>                       | 1            |           |        |
| <i>Mucilaginibacter herbaticus</i>                      | 1            |           |        |
| <i>Mucilaginibacter jinjuensis</i>                      | 1            |           |        |
| <i>Mucilaginibacter kameinonensis</i>                   | 1            |           |        |
| <i>Mucilaginibacter koreensis</i>                       | 1            |           | neu    |
| <i>Mucilaginibacter lappiensis</i>                      | 1            |           |        |
| <i>Mucilaginibacter litoreus</i>                        | 1            |           |        |
| <i>Mucilaginibacter lutimaris</i>                       | 1            |           |        |
| <i>Mucilaginibacter mallensis</i>                       | 1            |           |        |
| <i>Mucilaginibacter myungsuensis</i>                    | 1            |           |        |
| <i>Mucilaginibacter oryzae</i>                          | 1            |           |        |
| <i>Mucilaginibacter paludis</i>                         | 1            |           |        |
| <i>Mucilaginibacter panaciglaebae</i>                   | 1            |           | neu    |
| <i>Mucilaginibacter pedocola</i>                        | 1            |           | neu    |
| <i>Mucilaginibacter phyllosphaerae</i>                  | 1            |           | neu    |
| <i>Mucilaginibacter pineti</i>                          | 1            |           | neu    |
| <i>Mucilaginibacter pocheonensis</i>                    | 1            |           | neu    |
| <i>Mucilaginibacter polysacchareus</i>                  | 1            |           |        |
| <i>Mucilaginibacter polytrichastri</i>                  | 1            |           |        |
| <i>Mucilaginibacter psychrotolerans</i>                 | 1            |           | neu    |
| <i>Mucilaginibacter puniceus</i>                        | 1            |           | neu    |
| <i>Mucilaginibacter rigui</i>                           | 1            |           |        |
| <i>Mucilaginibacter roseus</i>                          | 1            |           | neu    |
| <i>Mucilaginibacter rubeus</i>                          | 1            |           | neu    |
| <i>Mucilaginibacter sabulilitoris</i>                   | 1            |           |        |
| <i>Mucilaginibacter soli</i>                            | 1            |           |        |
| <i>Mucilaginibacter soyangensis</i>                     | 1            |           |        |
| <i>Mucilaginibacter terrae</i>                          | 1            |           | neu    |
| <i>Mucilaginibacter vulcanisilvae</i>                   | 1            |           | neu    |
| <i>Mucilaginibacter ximonensis</i>                      | 1            |           |        |
| <i>Mucilaginibacter yixingensis</i>                     | 1            |           | neu    |
| <b>Mucinivorans</b>                                     |              |           |        |
| <i>Mucinivorans hirudinis</i>                           | 1            |           | neu    |
| <b>Mucispirillum</b>                                    |              |           |        |
| <i>Mucispirillum schaedleri</i>                         | 1            | t+        | neu    |
| <b>Mumia</b>  |              |           |        |
| <i>Mumia flava</i>                                      | 1            |           |        |
| <i>Mumia xianguensis</i>                                | 1            |           | neu    |
| <b>Murdochiella</b>                                     |              |           |        |
| <i>Murdochiella asaccharolytica</i>                     | 1            | +         |        |
| <b>Muribacter</b>                                       |              |           |        |
| <i>Muribacter muris</i> ( <i>Actinobacillus muris</i> ) | 1            |           | Umb.   |
| <b>Muribaculum</b>                                      |              |           |        |
| <i>Muribaculum intestinale</i>                          | 1            |           | neu    |
| <b>Muricauda</b>  |              |           |        |

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|--|--------------|-----------|--------|
| Muricauda antarctica   | 1            |           |        |
| Muricauda aquimarina   | 1            |           |        |
| Muricauda flavescens   | 1            |           |        |
| Muricauda lutaonensis  | 1            |           |        |
| Muricauda lutea  | 1            |           | neu    |
| Muricauda lutimaris  | 1            |           |        |
| Muricauda marina   | 1            |           | neu    |
| Muricauda olearia  | 1            |           |        |
| Muricauda pacifica   | 1            |           | neu    |
| Muricauda ruestringensis   | 1            |           |        |
| Muricauda taeanensis   | 1            |           |        |
| Muricauda zhangzhouensis   | 1            |           |        |
| <b>Muricoccus → Roseomonas</b>   |              |           |        |
| Muricoccus roseus → Roseomonas rosea   |              |           |        |
| <b>Muricomes</b>   |              |           |        |
| Muricomes intestini  | 1            |           | neu    |
| <b>Muriicola</b>   |              |           |        |
| Muriicola jejuensis  | 1            |           |        |
| Muriicola marianensis  | 1            |           | neu    |
| <b>Murimonas</b>   |              |           |        |
| Murimonas intestini  | 1            | t+        | neu    |
| <b>Murinocardiopsis</b>  |              |           |        |
| Murinocardiopsis flavida   | 1            |           |        |
| <b>Myceligeners</b>  |              |           |        |
| Myceligeners cantabricum   | 1            |           | neu    |
| Myceligeners crystallogenes  | 1            |           |        |
| Myceligeners halotolerans  | 1            |           |        |
| Myceligeners xiligouense   | 1            |           |        |
| <b>Mycetocola</b>  |              |           |        |
| Mycetocola lacteus   | 1            |           |        |
| Mycetocola manganoxydans   | 1            |           |        |
| Mycetocola miduiensis  | 1            |           |        |
| Mycetocola reblochoni  | 1            |           |        |
| Mycetocola saprophilus   | 1            |           |        |
| Mycetocola tolaasinivorans   | 1            |           |        |
| Mycetocola zhadangensis  | 1            |           |        |
| <b>Mycoavidus</b>  |              |           |        |
| Mycoavidus cysteinexigens  | 1            |           | neu    |
| <b>Mycobacterium</b>   |              |           |        |
| Mycobacterium abscessus (Mycobacterium abscessus subsp. abscessus, Mycobacterium chelonae subsp. abscessus)  | 2            | ht        | Umb.   |
| Mycobacterium abscessus (Mycobacterium chelonae subsp. abscessus) → Mycobacterium abscessus subsp. abscessus |              |           |        |
| Mycobacterium abscessus subsp. abscessus → Mycobacterium abscessus   |              |           | Umb.   |

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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| Mycobacterium abscessus subsp. bolletii →<br>Mycobacterium bolletii                |              |           | Umb.   |
| Mycobacterium abscessus subsp. massiliense →<br>Mycobacterium massiliense          |              |           | Umb.   |
| Mycobacterium africanum <sup>12</sup>  | 3            | V, Z      |        |
| Mycobacterium agri   | 1            |           |        |
| Mycobacterium aichiense  | 1            |           |        |
| Mycobacterium algericum  | 1            | t+        |        |
| Mycobacterium alsense  | 2            |           | neu    |
| Mycobacterium alvei  | 1            | +         | Bem.   |
| Mycobacterium aquaticum  | 1            | +         | neu    |
| Mycobacterium aquiterrae   | 1            |           | neu    |
| Mycobacterium arabiense  | 1            |           |        |
| Mycobacterium arcueilense  | 1            |           | neu    |
| Mycobacterium aromaticivorans  | 1            |           |        |
| Mycobacterium arosiense  | 2            |           |        |
| Mycobacterium arupense   | 2            |           |        |
| Mycobacterium asiaticum  | 2            | ht        |        |
| Mycobacterium aubagnense   | 2            |           |        |
| Mycobacterium aurum  | 1            |           |        |
| Mycobacterium austroafricanum  | 1            |           |        |
| Mycobacterium avium → Mycobacterium avium<br>subsp. avium                          |              |           |        |
| Mycobacterium avium subsp. avium (Mycobacterium<br>avium)                          | 2            | ht        |        |
| Mycobacterium avium subsp. paratuberculosis<br>(Mycobacterium paratuberculosis)    | 2            | ht        |        |
| Mycobacterium avium subsp. silvaticum  | 2            | ht        |        |
| Mycobacterium bacteremicum   | 2            |           |        |
| Mycobacterium boenickei  | 2            |           |        |
| Mycobacterium bohemicum  | 1            | ht+       |        |
| Mycobacterium bolletii (Mycobacterium absces-<br>sus subsp. bolletii)              | 2            | ht        | Umb.   |
| Mycobacterium botniense  | 1            |           |        |
| Mycobacterium bouchedurhonense   | 1            | +         |        |
| Mycobacterium bourgelatii  | 1            | t+        |        |
| Mycobacterium bovis <sup>12</sup>  | 3            | V, Z      |        |
| Mycobacterium branderi   | 2            |           |        |
| Mycobacterium brisbanense  | 2            |           |        |
| Mycobacterium brumae   | 1            |           |        |
| Mycobacterium canariense   | 2            |           |        |
| Mycobacterium caprae (Mycobacterium tubercu-<br>losis subsp. caprae) <sup>12</sup> | 3            | Z         |        |

<sup>12</sup> Aufgrund von Genomanalysen und -sequenzvergleichen (Riojas, M.A., McGough, K.J., Rider-Riojas, C.J., Rastogi, N. & Hazbon, M.H., IJSEM, 68 (1), 324-332, 2018) wurde die Reklassifizierung der Spezies des Mycobacterium tuberculosis-Komplexes vorgeschlagen. Demnach sind Mycobacterium africanum, bovis, caprae, microti und pinnipedii heterotypische Synonyme von Mycobacterium tuberculosis. Der Name Mycobacterium tuberculosis hat aufgrund der Erstbeschreibung formal Priorität (M. africanum/bovis/caprae/microti/pinnipedii – synonym: M. tuberculosis).

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|--|--------------|-----------|--------|
| <i>Mycobacterium celatum</i>   | 2            | ht        |        |
| <i>Mycobacterium celeriflavum</i>  | 2            |           | neu    |
| <i>Mycobacterium chelonae</i> → <i>Mycobacterium chelonae</i> subsp. <i>chelonae</i>   |              |           | Umb.   |
| <i>Mycobacterium chelonae</i> subsp. <i>abscessus</i> → <i>Mycobacterium abscessus</i> |              |           |        |
| <i>Mycobacterium chelonae</i> subsp. <i>bovis</i>                                      | 2            | t         | neu    |
| <i>Mycobacterium chelonae</i> subsp. <i>chelonae</i> ( <i>Mycobacterium chelonae</i> ) | 2            | ht        | Umb.   |
| <i>Mycobacterium chimaera</i>  | 2            |           |        |
| <i>Mycobacterium chitae</i>  | 1            |           |        |
| <i>Mycobacterium chlorophenicum</i> ( <i>Rhodococcus chlorophenicus</i> )              | 1            |           |        |
| <i>Mycobacterium chubuense</i>   | 1            |           |        |
| <i>Mycobacterium colombiense</i>   | 2            |           |        |
| <i>Mycobacterium conceptionense</i>  | 1            | +         |        |
| <i>Mycobacterium confluentis</i>   | 1            |           |        |
| <i>Mycobacterium conspicuum</i>  | 2            |           |        |
| <i>Mycobacterium cookii</i>  | 1            |           |        |
| <i>Mycobacterium cosmeticum</i>  | 1            | +         |        |
| <i>Mycobacterium crocinum</i>  | 1            |           |        |
| <i>Mycobacterium diernhoferi</i>   | 1            |           |        |
| <i>Mycobacterium doricum</i>   | 1            | +         |        |
| <i>Mycobacterium duvalii</i>   | 1            | +         |        |
| <i>Mycobacterium eburneum</i>  | 1            | +         | neu    |
| <i>Mycobacterium elephantis</i>  | 2            | ht        |        |
| <i>Mycobacterium engbaekii</i>   | 1            | ht+       | neu    |
| <i>Mycobacterium europaeum</i>   | 1            | +         |        |
| <i>Mycobacterium fallax</i>  | 1            |           |        |
| <i>Mycobacterium farcinogenes</i>  | 2            | t         |        |
| <i>Mycobacterium flavescens</i>  | 2            | ht        |        |
| <i>Mycobacterium florentinum</i>   | 2            |           |        |
| <i>Mycobacterium fluoranthenvivorans</i>   | 1            |           |        |
| <i>Mycobacterium fortuitum</i> subsp. <i>acetamidolyticum</i>                          | 2            |           |        |
| <i>Mycobacterium fortuitum</i> subsp. <i>fortuitum</i>                                 | 2            | ht        |        |
| <i>Mycobacterium fragae</i>  | 1            | +         |        |
| <i>Mycobacterium franklinii</i>  | 2            |           | neu    |
| <i>Mycobacterium frederiksbergense</i>   | 1            |           |        |
| <i>Mycobacterium gadium</i>  | 1            | +         |        |
| <i>Mycobacterium gastrii</i>   | 2            |           |        |
| <i>Mycobacterium genavense</i>   | 2            | ht        |        |
| <i>Mycobacterium gilvum</i>  | 1            |           |        |
| <i>Mycobacterium goodii</i>  | 2            | ht        |        |
| <i>Mycobacterium gordonae</i>  | 1            | ht+       |        |
| <i>Mycobacterium grossiae</i>  | 1            | +         | neu    |
| <i>Mycobacterium haemophilum</i>   | 2            | ht        |        |
| <i>Mycobacterium hassiacum</i>   | 1            |           |        |

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|--|--------------|-----------|--------|
| Mycobacterium heckeshornense   | 2            |           |        |
| Mycobacterium heidelbergense   | 2            |           |        |
| Mycobacterium helvum   | 1            |           | neu    |
| Mycobacterium heraklionense  | 2            |           | Einst. |
| Mycobacterium hiberniae  | 1            |           |        |
| Mycobacterium hippocampi   | 2            | t         | neu    |
| Mycobacterium hodleri  | 1            |           |        |
| Mycobacterium holsaticum   | 1            | +         |        |
| Mycobacterium houstonense  | 2            |           |        |
| Mycobacterium immunogenum  | 2            |           |        |
| Mycobacterium insubricum   | 1            | +         |        |
| Mycobacterium interjectum  | 2            |           |        |
| Mycobacterium intermedium  | 2            |           |        |
| Mycobacterium intracellulare   | 2            | ht        |        |
| Mycobacterium iranicum   | 1            | +         |        |
| Mycobacterium kansasii   | 2            | ht        |        |
| Mycobacterium komossense   | 1            |           |        |
| Mycobacterium koreense   | 1            | +         |        |
| Mycobacterium kubicae  | 2            |           |        |
| Mycobacterium kumamotonense  | 1            | +         |        |
| Mycobacterium kyorinense   | 2            |           |        |
| Mycobacterium lacus  | 1            | +         |        |
| Mycobacterium lehmannii  | 1            | +         | neu    |
| Mycobacterium lentiflavum  | 2            |           |        |
| Mycobacterium leprae   | 3            | ht        |        |
| Mycobacterium lepraemurium   | 2            | t         |        |
| Mycobacterium litorale   | 1            |           |        |
| Mycobacterium llutzerense  | 1            |           |        |
| Mycobacterium longobardum  | 1            | +         |        |
| Mycobacterium lutetiense   | 1            |           | neu    |
| Mycobacterium madagascariense  | 1            |           |        |
| Mycobacterium mageritense  | 2            | ht        |        |
| Mycobacterium malmesburyense   | 1            | t+        | neu    |
| Mycobacterium malmoense  | 2            | ht        |        |
| Mycobacterium mantenii   | 2            |           |        |
| Mycobacterium marinum  | 2            | Z         |        |
| Mycobacterium marseillense   | 2            |           |        |
| Mycobacterium massiliense (Mycobacterium abscessus subsp. massiliense) | 2            | ht        | Umb.   |
| Mycobacterium microti <sup>12</sup>                                    | 3(**)        | Z         |        |
| Mycobacterium minnesotense   | 1            |           |        |
| Mycobacterium monacense  | 2            |           |        |
| Mycobacterium montefiorensis   | 1            | t2        |        |
| Mycobacterium montmartrensis   | 1            |           | neu    |
| Mycobacterium moriokaense  | 1            | +         |        |
| Mycobacterium mucogenicum  | 2            |           |        |
| Mycobacterium murale   | 1            |           |        |

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|---|--------------|-----------|--------|
| <i>Mycobacterium nebraskense</i>  | 1            | +         |        |
| <i>Mycobacterium neoaurum</i>   | 2            |           |        |
| <i>Mycobacterium neumannii</i>  | 1            | +         | neu    |
| <i>Mycobacterium neworleansense</i>   | 2            |           |        |
| <i>Mycobacterium nonchromogenicum</i>   | 2            | ht        |        |
| <i>Mycobacterium noviomagense</i>   | 1            | +         |        |
| <i>Mycobacterium novocastrense</i>  | 2            |           |        |
| <i>Mycobacterium obuense</i>  | 1            | +         |        |
| <i>Mycobacterium oryzae</i>   | 1            |           | neu    |
| <i>Mycobacterium pallens</i>  | 1            |           |        |
| <i>Mycobacterium palustre</i>   | 2            | ht        |        |
| <i>Mycobacterium paraense</i>   | 2            |           | neu    |
| <i>Mycobacterium paraffinicum</i>   | 1            | ht+       |        |
| <i>Mycobacterium parafortuitum</i>  | 1            |           |        |
| <i>Mycobacterium paragordoniae</i>  | 1            |           |        |
| <i>Mycobacterium paraintracellulare</i>   | 2            | ht        | neu    |
| <i>Mycobacterium parakoreense</i>   | 1            | +         |        |
| <i>Mycobacterium parascrofulaceum</i>   | 2            |           |        |
| <i>Mycobacterium paraseoulense</i>  | 1            | +         |        |
| <i>Mycobacterium paraterrae</i>   | 1            | +         | neu    |
| <i>Mycobacterium paratuberculosis</i> → <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> |              |           |        |
| <i>Mycobacterium parmense</i>   | 1            | +         |        |
| <i>Mycobacterium peregrinum</i>   | 2            | ht        |        |
| <i>Mycobacterium persicum</i>   | 2            |           | neu    |
| <i>Mycobacterium phlei</i>  | 1            |           |        |
| <i>Mycobacterium phocaicum</i>  | 2            |           |        |
| <i>Mycobacterium pinnipedii</i> <sup>12</sup>   | 3            | Z         |        |
| <i>Mycobacterium porcinum</i>   | 2            | ht        |        |
| <i>Mycobacterium poriferae</i>  | 1            |           |        |
| <i>Mycobacterium pseudoshottsii</i>   | 1            | t2        |        |
| <i>Mycobacterium psychrotolerans</i>  | 1            |           |        |
| <i>Mycobacterium pulveris</i>   | 1            |           |        |
| <i>Mycobacterium pyrenivorans</i>   | 1            |           |        |
| <i>Mycobacterium rhodesiae</i>  | 1            | +         |        |
| <i>Mycobacterium riyadhense</i>   | 1            | +         |        |
| <i>Mycobacterium rufum</i>  | 1            |           |        |
| <i>Mycobacterium rutilum</i>  | 1            |           |        |
| <i>Mycobacterium salmoniphilum</i>  | 1            | t2        |        |
| <i>Mycobacterium saopaulense</i>  | 2            | ht        | neu    |
| <i>Mycobacterium sarraceniae</i>  | 1            |           | neu    |
| <i>Mycobacterium saskatchewanense</i>   | 2            |           |        |
| <i>Mycobacterium scrofulaceum</i>   | 2            | ht        |        |
| <i>Mycobacterium sediminis</i>  | 1            |           |        |
| <i>Mycobacterium senegalense</i>  | 2            | t         |        |
| <i>Mycobacterium senuense</i>   | 1            | +         |        |
| <i>Mycobacterium seoulense</i>  | 1            | +         |        |



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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| <i>Mycobacterium septicum</i>  | 2            |           |        |
| <i>Mycobacterium setense</i>   | 2            |           |        |
| <i>Mycobacterium sherrisii</i>   | 2            |           |        |
| <i>Mycobacterium shimoidei</i>   | 2            |           |        |
| <i>Mycobacterium shinjukuense</i>  | 2            |           |        |
| <i>Mycobacterium shottsii</i>  | 1            | t2        |        |
| <i>Mycobacterium simiae</i>  | 2            | ht        |        |
| <i>Mycobacterium smegmatis</i>   | 2            | ht        |        |
| <i>Mycobacterium sphagni</i>   | 1            |           |        |
| <i>Mycobacterium stephanolepidis</i>   | 2            | t         | neu    |
| <i>Mycobacterium stomatepiae</i>   | 1            | t2        |        |
| <i>Mycobacterium szulgai</i>   | 2            | ht        |        |
| <i>Mycobacterium talmoniae</i>   | 1            | +         | neu    |
| <i>Mycobacterium terrae</i>  | 1            | ht+       |        |
| <i>Mycobacterium thermoresistibile</i>   | 1            | ht+       |        |
| <i>Mycobacterium timonense</i>   | 2            |           |        |
| <i>Mycobacterium tokaiense</i>   | 1            |           |        |
| <i>Mycobacterium triplex</i>   | 2            |           |        |
| <i>Mycobacterium triviale</i>  | 1            | +         |        |
| <i>Mycobacterium tuberculosis</i> ( <i>Mycobacterium tuberculosis</i> subsp. <i>tuberculosis</i> ) | 3            | V, Z      | Bem.   |
| <i>Mycobacterium tuberculosis</i> subsp. <i>caprae</i> → <i>Mycobacterium caprae</i>               |              |           |        |
| <i>Mycobacterium tuberculosis</i> subsp. <i>tuberculosis</i> → <i>Mycobacterium tuberculosis</i>   |              |           |        |
| <i>Mycobacterium tusciae</i>   | 1            |           |        |
| <i>Mycobacterium ulcerans</i>  | 3(**)        |           |        |
| <i>Mycobacterium vaccae</i>  | 2            | ht        |        |
| <i>Mycobacterium vanbaalenii</i>   | 1            |           |        |
| <i>Mycobacterium virginense</i>  | 2            |           | neu    |
| <i>Mycobacterium vulneris</i>  | 2            |           |        |
| <i>Mycobacterium wolinskyi</i>   | 2            |           |        |
| <i>Mycobacterium xenopi</i>  | 2            | ht        |        |
| <i>Mycobacterium yongonense</i>  | 1            | +         |        |
| <b>Mycoplana</b>   |              |           |        |
| <i>Mycoplana bullata</i> → <i>Brevundimonas bullata</i>  |              |           |        |
| <i>Mycoplana dimorpha</i>  | 1            |           |        |
| <i>Mycoplana ramosa</i>  | 1            |           |        |
| <i>Mycoplana segnis</i> → <i>Caulobacter segnis</i>  |              |           |        |
| <b>Mycoplasma</b>  |              |           |        |
| <i>Mycoplasma adleri</i>   | 2            | t         |        |
| <i>Mycoplasma agalactiae</i>   | 2            | t3        |        |
| <i>Mycoplasma agassizii</i>  | 2            | t         |        |
| <i>Mycoplasma alkalescens</i>  | 2            | t         |        |
| <i>Mycoplasma alligatoris</i>  | 2            | t         |        |
| <i>Mycoplasma alvi</i>   | 1            |           |        |
| <i>Mycoplasma amphoriforme</i>   | 1            | +         |        |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| Mycoplasma anatis                               | 2            | t         |        |
| Mycoplasma anseris                              | 1            |           |        |
| Mycoplasma arginini                             | 2            | t         |        |
| Mycoplasma arthritis                            | 2            | t         |        |
| Mycoplasma auris                                | 1            |           |        |
| Mycoplasma bovigenitalium                       | 2            | t         |        |
| Mycoplasma bovirhinis                           | 2            | t         |        |
| Mycoplasma bovis                                | 2            | t         |        |
| Mycoplasma bovoculi                             | 2            | t         |        |
| Mycoplasma buccale                              | 1            | +         |        |
| Mycoplasma buteonis                             | 2            | t         |        |
| Mycoplasma californicum                         | 2            | t         |        |
| Mycoplasma canadense                            | 2            | t         |        |
| Mycoplasma canis                                | 2            | t         |        |
| Mycoplasma capricolum subsp. capricolum         | 2            | t         |        |
| Mycoplasma capricolum subsp. capripneumoniae    | 2            | t         |        |
| Mycoplasma caviae                               | 1            | ht+       | Einst. |
| Mycoplasma cavipharyngis                        | 1            |           |        |
| Mycoplasma ciconiae                             | 1            |           | neu    |
| Mycoplasma citelli                              | 1            |           |        |
| Mycoplasma cloacale                             | 1            |           |        |
| Mycoplasma collis                               | 2            | t         |        |
| Mycoplasma columbinasale                        | 2            | t         |        |
| Mycoplasma columbinum                           | 1            |           |        |
| Mycoplasma columborale                          | 1            |           |        |
| Mycoplasma conjunctivae                         | 2            | t         |        |
| Mycoplasma corogypsi                            | 2            | t         |        |
| Mycoplasma cottewii                             | 1            |           |        |
| Mycoplasma cricetuli                            | 1            |           |        |
| Mycoplasma crocodyli                            | 2            | t         |        |
| Mycoplasma cynos                                | 2            | t         |        |
| Mycoplasma dispar                               | 2            | t         |        |
| Mycoplasma edwardii                             | 2            | t         |        |
| Mycoplasma elephantis                           | 2            | t         |        |
| Mycoplasma ellychniae → Entomoplasma ellychniae |              |           |        |
| Mycoplasma equigenitalium                       | 2            | t         |        |
| Mycoplasma equirhinis                           | 2            | t         |        |
| Mycoplasma falconis                             | 2            | t         |        |
| Mycoplasma fastidiosum                          | 1            |           |        |
| Mycoplasma faucium                              | 1            |           |        |
| Mycoplasma felifaucium                          | 1            |           |        |
| Mycoplasma feliminutum                          | 1            |           |        |
| Mycoplasma felis                                | 2            | Z         |        |
| Mycoplasma feriruminatoris                      | 2            | t         | neu    |
| Mycoplasma fermentans                           | 2            |           |        |
| Mycoplasma flocculare                           | 2            | t         |        |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| <i>Mycoplasma gallinaceum</i>                                   | 2            | t         |        |
| <i>Mycoplasma gallinarum</i>                                    | 2            | t         |        |
| <i>Mycoplasma gallisepticum</i>                                 | 2            | t         |        |
| <i>Mycoplasma gallopavonis</i>                                  | 2            | t         |        |
| <i>Mycoplasma gateae</i>  | 2            | t         |        |
| <i>Mycoplasma genitalium</i>                                    | 2            |           |        |
| <i>Mycoplasma glycyphilum</i>                                   | 2            | t         |        |
| <i>Mycoplasma gypis</i>   | 2            | t         |        |
| <i>Mycoplasma haemofelis</i> ( <i>Haemobartonella felis</i> )   | 2            | t         |        |
| <i>Mycoplasma haemomuris</i> ( <i>Haemobartonella muris</i> )   | 2            | t         |        |
| <i>Mycoplasma hominis</i>                                       | 2            | ht        |        |
| <i>Mycoplasma hyopharyngis</i>                                  | 1            |           |        |
| <i>Mycoplasma hyopneumoniae</i>                                 | 2            | t         |        |
| <i>Mycoplasma hyorhinis</i>                                     | 2            | t         |        |
| <i>Mycoplasma hyosynoviae</i>                                   | 2            | t         |        |
| <i>Mycoplasma iguanae</i>                                       | 2            | t         |        |
| <i>Mycoplasma imitans</i>                                       | 2            | t         |        |
| <i>Mycoplasma indiane</i>                                       | 1            |           |        |
| <i>Mycoplasma iners</i>   | 2            | t         |        |
| <i>Mycoplasma iowae</i>   | 2            | t         |        |
| <i>Mycoplasma lactucae</i> → <i>Mesoplasma lactucae</i>         |              |           |        |
| <i>Mycoplasma lagogenitalium</i>                                | 1            |           |        |
| <i>Mycoplasma leachii</i>                                       | 2            | t3        |        |
| <i>Mycoplasma leonicaptivi</i>                                  | 1            |           |        |
| <i>Mycoplasma leopharyngis</i>                                  | 1            |           |        |
| <i>Mycoplasma lipofaciens</i>                                   | 2            | t         |        |
| <i>Mycoplasma lipophilum</i>                                    | 1            | +         |        |
| <i>Mycoplasma lucivorax</i> → <i>Entomoplasma lucivorax</i>     |              |           |        |
| <i>Mycoplasma luminosum</i> → <i>Entomoplasma luminosum</i>     |              |           |        |
| <i>Mycoplasma maculosum</i>                                     | 2            | t         |        |
| <i>Mycoplasma melaleucaae</i> → <i>Entomoplasma melaleucaae</i> |              |           |        |
| <i>Mycoplasma meleagridis</i>                                   | 2            | t         |        |
| <i>Mycoplasma microti</i>                                       | 2            | t         |        |
| <i>Mycoplasma mirum</i>   | 1            |           |        |
| <i>Mycoplasma moatsii</i>                                       | 1            |           |        |
| <i>Mycoplasma mobile</i>  | 2            | t         |        |
| <i>Mycoplasma molare</i>  | 1            |           |        |
| <i>Mycoplasma mucosicanis</i>                                   | 1            |           |        |
| <i>Mycoplasma muris</i>   | 1            |           |        |
| <i>Mycoplasma mustelae</i>                                      | 1            |           |        |
| <i>Mycoplasma mycoides</i> subsp. <i>capri</i>                  | 2            | t3        |        |
| <i>Mycoplasma mycoides</i> subsp. <i>mycoides</i>               | 2            | t3        |        |
| <i>Mycoplasma neophronis</i>                                    | 1            | t+        |        |
| <i>Mycoplasma neurolyticum</i>                                  | 2            | t         |        |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| <i>Mycoplasma opalescens</i>                                | 1            |           |        |
| <i>Mycoplasma orale</i>                                     | 1            | +         |        |
| <i>Mycoplasma ovipneumoniae</i>                             | 2            | t         |        |
| <i>Mycoplasma ovis</i> (Eperythrozoon ovis)                 | 2            | t         |        |
| <i>Mycoplasma oxoniensis</i>                                | 1            |           |        |
| <i>Mycoplasma penetrans</i>                                 | 2            |           |        |
| <i>Mycoplasma phocacerebrale</i>                            | 2            | t         |        |
| <i>Mycoplasma phocae</i> (phocidae)                         | 2            | t         | Korr.  |
| <i>Mycoplasma phocicerebrale</i>                            | 2            | Z         |        |
| <i>Mycoplasma phocidae</i> siehe <i>Mycoplasma phocae</i>   |              |           |        |
| <i>Mycoplasma phocirhinis</i>                               | 2            | t         |        |
| <i>Mycoplasma pirum</i>                                     | 1            |           |        |
| <i>Mycoplasma pneumoniae</i>                                | 2            |           |        |
| <i>Mycoplasma primum</i>                                    | 1            | +         |        |
| <i>Mycoplasma pullorum</i>                                  | 2            | t         |        |
| <i>Mycoplasma pulmonis</i>                                  | 2            | t         |        |
| <i>Mycoplasma putrefaciens</i>                              | 2            | t         |        |
| <i>Mycoplasma salivarium</i>                                | 2            |           |        |
| <i>Mycoplasma simbae</i>                                    | 1            |           |        |
| <i>Mycoplasma somnilius</i> → <i>Entomoplasma somnilius</i> |              |           |        |
| <i>Mycoplasma spermatophilum</i>                            | 1            | +         |        |
| <i>Mycoplasma spumans</i>                                   | 2            | t         |        |
| <i>Mycoplasma sturni</i>                                    | 2            | t         |        |
| <i>Mycoplasma suis</i>                                      | 1            |           |        |
| <i>Mycoplasma subdolum</i>                                  | 2            | t         |        |
| <i>Mycoplasma suipneumoniae</i>                             | 2            | t         |        |
| <i>Mycoplasma suis</i> (Eperythrozoon suis)                 | 2            | t         |        |
| <i>Mycoplasma synoviae</i>                                  | 2            | t         |        |
| <i>Mycoplasma testudineum</i>                               | 2            | t         |        |
| <i>Mycoplasma testudinis</i>                                | 1            |           |        |
| <i>Mycoplasma tullyi</i>                                    | 1            | t+        | neu    |
| <i>Mycoplasma verecundum</i>                                | 2            | t         |        |
| <i>Mycoplasma wenyonii</i> (Eperythrozoon wenyonii)         | 2            | t         |        |
| <i>Mycoplasma yeatsii</i>                                   | 1            |           |        |
| <b>Myroides</b>   |              |           |        |
| <i>Myroides guanonis</i>                                    | 1            |           |        |
| <i>Myroides indicus</i>                                     | 1            |           | neu    |
| <i>Myroides injenensis</i>                                  | 1            | +         | neu    |
| <i>Myroides marinus</i>                                     | 1            |           |        |
| <i>Myroides odoratimimus</i>                                | 2            |           |        |
| <i>Myroides odoratus</i> ( <i>Flavobacterium odoratum</i> ) | 2            |           |        |
| <i>Myroides pelagicus</i>                                   | 1            |           |        |
| <i>Myroides phaeus</i>                                      | 1            |           |        |
| <i>Myroides profundus</i>                                   | 1            |           |        |
| <i>Myroides xuanwuensis</i>                                 | 1            |           |        |

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| Spezies   | Risikogruppe | Bemerkung | Status    |
|---|--------------|-----------|-----------|
| <b>Myxococcus</b>   |              |           |           |
| <i>Myxococcus coralloides</i> → <i>Corallocooccus coralloides</i>             |              |           |           |
| <i>Myxococcus disciformis</i> → <i>Cystobacter disciformis</i>                |              |           |           |
| <i>Myxococcus flavescens</i> – synonym: <i>Myxococcus virescens</i>           |              |           |           |
| <i>Myxococcus fulvus</i>  | 1            |           |           |
| <i>Myxococcus macrosporus</i>   | 1            |           |           |
| <i>Myxococcus stipitatus</i>  | 1            |           |           |
| <i>Myxococcus virescens</i>   | 1            |           |           |
| <i>Myxococcus xanthus</i>   | 1            |           |           |
| <b>Mzabimyces</b>   |              |           |           |
| <i>Mzabimyces algeriensis</i> → <i>Halopolyspora algeriensis</i>              |              |           | neu, Umb. |
| <b>Naasia</b>   |              |           |           |
| <i>Naasia aerilata</i>  | 1            |           |           |
| <b>Nafulsella</b>   |              |           |           |
| <i>Nafulsella turpanensis</i>   | 1            |           |           |
| <b>Nakamurella</b>  |              |           |           |
| <i>Nakamurella endophytica</i>  | 1            |           | neu       |
| <i>Nakamurella flavida</i> ( <i>Humicoccus flavidus</i> )                     | 1            |           |           |
| <i>Nakamurella intestinalis</i>   | 1            |           | neu       |
| <i>Nakamurella lactea</i> ( <i>Saxeibacter lacteus</i> )                      | 1            |           |           |
| <i>Nakamurella multipartita</i> ( <i>Microsphaera multipartita</i> )          | 1            |           |           |
| <i>Nakamurella panacisegetis</i>  | 1            |           |           |
| <i>Nakamurella silvestris</i>   | 1            |           | neu       |
| <b>Namhaeicola</b>  |              |           |           |
| <i>Namhaeicola litoreus</i>   | 1            |           |           |
| <b>Nannocystis</b>  |              |           |           |
| <i>Nannocystis exedens</i> subsp. <i>aggregans</i>                            | 1            |           |           |
| <i>Nannocystis exedens</i> subsp. <i>cinnabarina</i>                          | 1            |           |           |
| <i>Nannocystis exedens</i> subsp. <i>exedens</i>                              | 1            |           |           |
| <i>Nannocystis exedens</i> subsp. <i>glomerata</i>                            | 1            |           |           |
| <i>Nannocystis exedens</i> subsp. <i>pulla</i>                                | 1            |           |           |
| <i>Nannocystis exedens</i> → <i>Nannocystis exedens</i> subsp. <i>exedens</i> |              |           |           |
| <i>Nannocystis pusilla</i>  | 1            |           |           |
| <b>Natranaerobaculum</b>  |              |           |           |
| <i>Natranaerobaculum magadiense</i>   | 1            |           |           |
| <b>Natranaerobius</b>   |              |           |           |
| <i>Natranaerobius thermophilus</i>  | 1            |           |           |
| <i>Natranaerobius trueperi</i>  | 1            |           |           |
| <b>Natranaerovirga</b>  |              |           |           |
| <i>Natranaerovirga hydrolytica</i>  | 1            |           |           |
| <i>Natranaerovirga pectinivora</i>  | 1            |           |           |
| <b>Natrialba</b>  |              |           |           |
| <i>Natrialba aegyptia</i>   | 1            |           |           |

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|--|--------------|-----------|--------|
| <i>Natrialba aegyptiaca</i>  | 1            |           |        |
| <i>Natrialba asiatica</i>  | 1            |           |        |
| <i>Natrialba chahannaensis</i>   | 1            |           |        |
| <i>Natrialba hulunbeirensis</i>  | 1            |           |        |
| <i>Natrialba magadii</i> ( <i>Natronobacterium magadii</i> )                 | 1            |           |        |
| <i>Natrialba taiwanensis</i>   | 1            |           |        |
| <b>Natribacillus</b>   |              |           |        |
| <i>Natribacillus halophilus</i>  | 1            |           |        |
| <b>Natribaculum</b>  |              |           |        |
| <i>Natribaculum breve</i>  | 1            |           | neu    |
| <i>Natribaculum longum</i>   | 1            |           | neu    |
| <b>Natrinema</b>   |              |           |        |
| <i>Natrinema altunense</i>   | 1            |           |        |
| <i>Natrinema ejinorensis</i>   | 1            |           |        |
| <i>Natrinema gari</i>  | 1            |           |        |
| <i>Natrinema pallidum</i>  | 1            |           |        |
| <i>Natrinema pellirubrum</i>   | 1            |           |        |
| <i>Natrinema salaciae</i>  | 1            |           |        |
| <i>Natrinema soli</i>  | 1            |           | neu    |
| <i>Natrinema versiforme</i>  | 1            |           |        |
| <b>Natroniella</b>   |              |           |        |
| <i>Natroniella acetigena</i>   | 1            |           |        |
| <i>Natroniella sulfidigena</i>   | 1            |           |        |
| <b>Natronincola</b>  |              |           |        |
| <i>Natronincola ferrireducens</i>  | 1            |           |        |
| <i>Natronincola histidinovorans</i>  | 1            |           |        |
| <i>Natronincola peptidivorans</i>  | 1            |           |        |
| <b>Natronoarchaeum</b>   |              |           |        |
| <i>Natronoarchaeum mannanyticum</i>  | 1            |           |        |
| <i>Natronoarchaeum persicum</i>  | 1            |           | neu    |
| <i>Natronoarchaeum philippinense</i>   | 1            |           |        |
| <i>Natronoarchaeum rubrum</i>  | 1            |           |        |
| <b>Natronobacillus</b>   |              |           |        |
| <i>Natronobacillus azotifigens</i>   | 1            |           |        |
| <b>Natronobacterium</b>  |              |           |        |
| <i>Natronobacterium gregoryi</i>   | 1            |           |        |
| <i>Natronobacterium magadii</i> → <i>Natrialba magadii</i>                   |              |           |        |
| <i>Natronobacterium nitratireducens</i> → <i>Halobiforma nitratireducens</i> |              |           |        |
| <i>Natronobacterium pharaonis</i> → <i>Natronomonas pharaonis</i>            |              |           |        |
| <i>Natronobacterium texcoconense</i>   | 1            |           |        |
| <i>Natronobacterium vacuolatum</i> → <i>Halorubrum vacuolatum</i>            |              |           |        |
| <b>Natronocella</b>  |              |           |        |
| <i>Natronocella acetinitrilica</i>   | 1            |           |        |
| <b>Natronococcus</b>   |              |           |        |

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|--|--------------|-----------|--------|
| <i>Natronococcus amylolyticus</i>  | 1            |           |        |
| <i>Natronococcus jeotgali</i>  | 1            |           |        |
| <i>Natronococcus occultus</i>  | 1            |           |        |
| <i>Natronococcus roseus</i>  | 1            |           |        |
| <b>Natronoflexus</b>   |              |           |        |
| <i>Natronoflexus pectinivorans</i>   | 1            |           |        |
| <b>Natronolimnobius</b>  |              |           |        |
| <i>Natronolimnobius baerhuensis</i>  | 1            |           |        |
| <i>Natronolimnobius innermongolicus</i>  | 1            |           |        |
| <b>Natronomonas</b>  |              |           |        |
| <i>Natronomonas gomsonensis</i>  | 1            |           |        |
| <i>Natronomonas moolapensis</i>  | 1            |           |        |
| <i>Natronomonas pharaonis</i> ( <i>Halobacterium pharaonis</i> , <i>Natronobacterium pharaonis</i> ) | 1            |           |        |
| <b>Natronorubrum</b>   |              |           |        |
| <i>Natronorubrum aibiense</i>  | 1            |           |        |
| <i>Natronorubrum bangense</i>  | 1            |           |        |
| <i>Natronorubrum sediminis</i>   | 1            |           |        |
| <i>Natronorubrum sulfidifaciens</i>  | 1            |           |        |
| <i>Natronorubrum texcoconense</i>  | 1            |           |        |
| <i>Natronorubrum tibetense</i>   | 1            |           |        |
| <b>Natronospira</b>  |              |           |        |
| <i>Natronospira proteinivora</i>   | 1            |           | neu    |
| <b>Natronotalea</b>  |              |           |        |
| <i>Natronotalea proteinytica</i>   | 1            |           | neu    |
| <b>Natronovirga</b>  |              |           |        |
| <i>Natronovirga wadinatruncensis</i>   | 1            |           |        |
| <b>Naumannella</b>   |              |           |        |
| <i>Naumannella cuiyingiana</i>   | 1            |           | neu    |
| <i>Naumannella halotolerans</i>  | 1            |           |        |
| <i>Naumannella huperziae</i>   | 1            |           | neu    |
| <b>Nautella</b>  |              |           |        |
| <i>Nautella italica</i>  | 1            |           |        |
| <b>Nautilia</b>  |              |           |        |
| <i>Nautilia abyssi</i>   | 1            |           |        |
| <i>Nautilia lithotrophica</i>  | 1            |           |        |
| <i>Nautilia nitratireducens</i>  | 1            |           |        |
| <i>Nautilia profundicola</i>   | 1            |           |        |
| <b>Naxibacter → Massilia</b>   |              |           |        |
| <i>Naxibacter alkalitolerans</i> → <i>Massilia alkalitolerans</i>                                    |              |           |        |
| <i>Naxibacter haematophilus</i> → <i>Massilia haematophila</i>                                       |              |           |        |
| <i>Naxibacter suwonensis</i> → <i>Massilia suwonensis</i>  |              |           |        |
| <i>Naxibacter varians</i> → <i>Massilia varians</i>  |              |           |        |
| <b>Necropsobacter</b>  |              |           |        |
| <i>Necropsobacter rosorum</i>  | 2            | Z         |        |

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|--|--------------|-----------|--------|
| <b>Negadavirga</b>   |              |           |        |
| Negadavirga shengliensis                                       | 1            |           | neu    |
| <b>Negativicoccus</b>  |              |           |        |
| Negativicoccus succinicivorans                                 | 1            | +         |        |
| <b>Neiella</b>   |              |           |        |
| Neiella marina   | 1            |           |        |
| <b>Neisseria</b>   |              |           |        |
| Neisseria animalis   | 1            |           |        |
| Neisseria animaloris   | 2            | Z         |        |
| Neisseria bacilliformis  | 2            |           |        |
| Neisseria canis  | 1            | +         |        |
| Neisseria caviae = Moraxella (Subgenus Branhamella) caviae     | 1            |           |        |
| Neisseria cinerea  | 1            | +         |        |
| Neisseria cuniculi → Moraxella (Subgenus Branhamella) cuniculi |              |           |        |
| Neisseria denitrificans → Bergeriella denitrificans            |              |           |        |
| Neisseria dentiae  | 1            |           |        |
| Neisseria dumasiana  | 1            | ht+       | neu    |
| Neisseria elongata subsp. elongata                             | 1            | +         |        |
| Neisseria elongata subsp. glycolytica                          | 1            | +         |        |
| Neisseria elongata subsp. nitroreducens                        | 2            |           |        |
| Neisseria flava  | 1            | +         |        |
| Neisseria flavescens   | 2            |           |        |
| Neisseria gonorrhoeae  | 2            |           |        |
| Neisseria iguanae  | 2            | t         |        |
| Neisseria lactamica  | 1            | +         |        |
| Neisseria macacae  | 1            |           |        |
| Neisseria meningitidis   | 2            | V         |        |
| Neisseria mucosa   | 2            |           |        |
| Neisseria musculi  | 1            |           | neu    |
| Neisseria oralis   | 2            |           |        |
| Neisseria ovis = Moraxella (Subgenus Branhamella) ovis         | 2            | t         |        |
| Neisseria perflava   | 1            | +         |        |
| Neisseria polysaccharea  | 1            |           |        |
| Neisseria shayegani  | 1            | +         |        |
| Neisseria sicca  | 2            | TA        |        |
| Neisseria subflava   | 2            |           |        |
| Neisseria wadsworthii  | 1            | +         |        |
| Neisseria weaveri  | 2            |           |        |
| Neisseria zoodegmatidis  | 2            | Z         |        |
| <b>Neosasaia</b>   |              |           |        |
| Neosasaia chiangmaiensis                                       | 1            |           |        |
| <b>Neochlamydia</b>  |              |           |        |
| Neochlamydia hartmannellae                                     | 1            |           |        |
| <b>Neokomagataea</b>   |              |           |        |
| Neokomagataea tanensis   | 1            |           |        |



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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| Neokomagataea thailandica  | 1            |           |        |
| <b>Neomegalonema</b>   |              |           |        |
| Neomegalonema perideroedes (Meganema perideroedes)               | 1            |           | Umb.   |
| <b>Neomicrococcus</b>  |              |           |        |
| Neomicrococcus aestuarii (Zhihengliuella aestuarii)              | 1            |           | Umb.   |
| Neomicrococcus lactis (Micrococcus lactis)                       | 1            |           | Umb.   |
| <b>Neorhizobium</b>  |              |           |        |
| Neorhizobium alkanisoli (Rhizobium alkanisoli)                   | 1            |           | Umb.   |
| Neorhizobium galegae (Rhizobium galegae)                         | 1            |           | Umb.   |
| Neorhizobium huautlense (Rhizobium huautlense)                   | 1            |           | Umb.   |
| <b>Neorickettsia</b>   |              |           |        |
| Neorickettsia helminthoeca                                       | 2            | t         |        |
| Neorickettsia risticii (Ehrlichia risticii)                      | 2            | t         |        |
| Neorickettsia sennetsu (Rickettsia sennetsu, Ehrlichia sennetsu) | 2            |           |        |
| <b>Neoscardovia</b>  |              |           |        |
| Neoscardovia arbecensis  | 1            |           | neu    |
| <b>Neptuniibacter</b>  |              |           |        |
| Neptuniibacter caesariensis                                      | 1            |           |        |
| Neptuniibacter halophilus  | 1            |           |        |
| Neptuniibacter marinus   | 1            |           | neu    |
| Neptuniibacter pectenicola                                       | 1            |           | neu    |
| <b>Neptunitalea</b>  |              |           |        |
| Neptunitalea chrysea   | 1            |           | neu    |
| <b>Neptunomonas</b>  |              |           |        |
| Neptunomonas acidivorans   | 1            |           | neu    |
| Neptunomonas antarctica  | 1            |           |        |
| Neptunomonas concharum   | 1            |           |        |
| Neptunomonas japonica  | 1            |           |        |
| Neptunomonas naphthovorans                                       | 1            |           |        |
| Neptunomonas phycophila  | 1            |           | neu    |
| Neptunomonas qingdaonensis                                       | 1            |           |        |
| <b>Nereida</b>   |              |           |        |
| Nereida ignava   | 1            |           |        |
| <b>Nesiotobacter</b>   |              |           |        |
| Nesiotobacter exalbescens  | 1            |           |        |
| <b>Nesterenkonia</b>   |              |           |        |
| Nesterenkonia aethiopica   | 1            |           |        |
| Nesterenkonia alba   | 1            |           |        |
| Nesterenkonia alkaliphila  | 1            |           | neu    |
| Nesterenkonia aurantiaca   | 1            |           | neu    |
| Nesterenkonia cremea   | 1            |           | neu    |
| Nesterenkonia flava  | 1            |           |        |
| Nesterenkonia halobia (Micrococcus halobius)                     | 1            |           |        |
| Nesterenkonia halophila  | 1            |           |        |

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| Spezies                      | Risikogruppe | Bemerkung | Status |
|------------------------------|--------------|-----------|--------|
| Nesterenkonia halotolerans   | 1            |           |        |
| Nesterenkonia jeotgali       | 1            |           |        |
| Nesterenkonia lacusekhoensis | 1            |           |        |
| Nesterenkonia lutea          | 1            |           |        |
| Nesterenkonia massiliensis   | 1            |           | neu    |
| Nesterenkonia pannonica      | 1            |           | neu    |
| Nesterenkonia populi         | 1            |           | neu    |
| Nesterenkonia rhizosphaerae  | 1            |           | neu    |
| Nesterenkonia sandarakina    | 1            |           |        |
| Nesterenkonia suensis        | 1            |           |        |
| Nesterenkonia xinjiangensis  | 1            |           |        |
| <b>Nevskia</b>               |              |           |        |
| Nevskia aquatilis            | 1            |           |        |
| Nevskia persephonica         | 1            |           |        |
| Nevskia ramosa               | 1            |           |        |
| Nevskia soli                 | 1            |           |        |
| Nevskia terrae               | 1            |           |        |
| <b>Nguyenibacter</b>         |              |           |        |
| Nguyenibacter vanlangensis   | 1            |           |        |
| <b>Niabella</b>              |              |           |        |
| Niabella aquatica            | 1            |           | neu    |
| Niabella aurantiaca          | 1            |           |        |
| Niabella drilacis            | 1            |           |        |
| Niabella ginsengisoli        | 1            |           |        |
| Niabella hibiscisoli         | 1            |           | neu    |
| Niabella hirudinis           | 1            |           |        |
| Niabella pedocola            | 1            |           | neu    |
| Niabella soli                | 1            |           |        |
| Niabella tibetensis          | 1            |           |        |
| Niabella yanshanensis        | 1            |           |        |
| <b>Niastella</b>             |              |           |        |
| Niastella gongjuensis        | 1            |           | neu    |
| Niastella hibisci            | 1            |           | neu    |
| Niastella koreensis          | 1            |           |        |
| Niastella populi             | 1            |           |        |
| Niastella vici               | 1            |           | neu    |
| Niastella yeongjuensis       | 1            |           |        |
| <b>Nibrella</b>              |              |           |        |
| Nibrella saemangeumensis     | 1            |           |        |
| Nibrella viscosa             | 1            |           |        |
| <b>Nibribacter</b>           |              |           |        |
| Nibribacter koreensis        | 1            |           |        |
| <b>Nicoletella</b>           |              |           |        |
| Nicoletella semolina         | 2            | t         |        |
| <b>Nioella</b>               |              |           |        |
| Nioella aestuarii            | 1            |           | neu    |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| Nioella nitratireducens                             | 1            |           | neu    |
| Nioella sediminis                                   | 1            |           | neu    |
| <b>Nisaea</b>                                       |              |           |        |
| Nisaea denitrificans                                | 1            |           |        |
| Nisaea nitritireducens                              | 1            |           |        |
| <b>Nitratifractor</b>                               |              |           |        |
| Nitratifractor salsuginis                           | 1            |           |        |
| <b>Nitratireductor</b>                              |              |           |        |
| Nitratireductor aestuarii                           | 1            |           | neu    |
| Nitratireductor aquibiodomus                        | 1            |           |        |
| Nitratireductor aquimarinus                         | 1            |           |        |
| Nitratireductor basaltis                            | 1            |           |        |
| Nitratireductor indicus                             | 1            |           |        |
| Nitratireductor kimnyeongensis                      | 1            |           |        |
| Nitratireductor lacus                               | 1            |           | neu    |
| Nitratireductor pacificus                           | 1            |           |        |
| <b>Nitratiruptor</b>                                |              |           |        |
| Nitratiruptor tergaricus                            | 1            |           |        |
| <b>Nitriliruptor</b>                                |              |           |        |
| Nitriliruptor alkaliphilus                          | 1            |           |        |
| <b>Nitrincola</b>                                   |              |           |        |
| Nitrincola alkalilacustris                          | 1            |           | neu    |
| Nitrincola alkalisediminis                          | 1            |           | neu    |
| Nitrincola lacisaponensis                           | 1            |           |        |
| Nitrincola schmidtii                                | 1            |           | neu    |
| <b>Nitritalea</b>                                   |              |           |        |
| Nitritalea halalkaliphila                           | 1            |           |        |
| <b>Nitrobacter</b>                                  |              |           |        |
| Nitrobacter alkalicus                               | 1            |           |        |
| Nitrobacter hamburgensis                            | 1            |           |        |
| Nitrobacter vulgaris                                | 1            |           |        |
| Nitrobacter winogradskyi                            | 1            |           |        |
| <b>Nitrococcus</b>                                  |              |           |        |
| Nitrococcus mobilis                                 | 1            |           |        |
| <b>Nitrolancea</b>                                  |              |           |        |
| Nitrolancea hollandica                              | 1            |           |        |
| <b>Nitrosococcus</b>                                |              |           |        |
| Nitrosococcus nitrosus                              | 1            |           |        |
| Nitrosococcus oceani                                | 1            |           |        |
| <b>Nitrosolobus → Nitrosospira</b>                  |              |           |        |
| Nitrosolobus multiformis → Nitrosospira multiformis |              |           |        |
| <b>Nitrosomonas</b>                                 |              |           |        |
| Nitrosomonas aestuarii                              | 1            |           |        |
| Nitrosomonas communis                               | 1            |           |        |
| Nitrosomonas europaea                               | 1            |           |        |
| Nitrosomonas eutropha                               | 1            |           |        |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| Nitrosomonas halophila                              | 1            |           |        |
| Nitrosomonas marina                                 | 1            |           |        |
| Nitrosomonas nitrosa                                | 1            |           |        |
| Nitrosomonas oligotropha                            | 1            |           |        |
| Nitrosomonas stercoris                              | 1            |           | neu    |
| Nitrosomonas ureae                                  | 1            |           |        |
| <b>Nitrosopumilus</b>                               |              |           |        |
| <i>Nitrosopumilus cobalaminigenes</i>               | 1            |           | neu    |
| <i>Nitrosopumilus maritimus</i>                     | 1            |           | neu    |
| <i>Nitrosopumilus oxyclinae</i>                     | 1            |           | neu    |
| <i>Nitrosopumilus ureiphilus</i>                    | 1            |           | neu    |
| <b>Nitrososphaera</b>                               |              |           |        |
| <i>Nitrososphaera viennensis</i>                    | 1            |           | neu    |
| <b>Nitrospira</b>                                   |              |           |        |
| Nitrospira briensis                                 | 1            |           |        |
| Nitrospira lacus                                    | 1            |           | neu    |
| Nitrospira multiformis (Nitrosolobus multiformis)   | 1            |           |        |
| Nitrospira tenuis („Nitrosovibrio tenuis“)          | 1            |           |        |
| <b>Nitrospina</b>                                   |              |           |        |
| Nitrospina gracilis                                 | 1            |           |        |
| <b>Nitrospira</b>                                   |              |           |        |
| Nitrospira marina                                   | 1            |           |        |
| Nitrospira moscoviensis                             | 1            |           |        |
| <b>Nitrospirillum</b>                               |              |           |        |
| Nitrospirillum amazonense (Azospirillum amazonense) | 1            |           | Umb.   |
| Nitrospirillum iridis                               | 1            |           | neu    |
| <b>Niveibacterium</b>                               |              |           |        |
| Niveibacterium umoris                               | 1            |           | neu    |
| <b>Niveispirillum</b>                               |              |           |        |
| Niveispirillum cyanobacteriorum                     | 1            |           | neu    |
| Niveispirillum fermenti                             | 1            |           | neu    |
| Niveispirillum irakense (Azospirillum irakense)     | 1            |           | Umb.   |
| <b>Niveitalea</b>                                   |              |           |        |
| Niveitalea solisilvae                               | 1            |           | neu    |
| <b>Nocardia</b>                                     |              |           |        |
| Nocardia abscessus                                  | 2            |           |        |
| Nocardia aciditolerans                              | 1            |           |        |
| Nocardia acidivorans                                | 1            |           |        |
| Nocardia africana                                   | 2            | ht        |        |
| Nocardia alba                                       | 1            |           |        |
| Nocardia altamirensis                               | 1            |           |        |
| Nocardia amamiensis                                 | 2            |           |        |
| Nocardia amarae → Gordonia amarae                   |              |           |        |
| Nocardia amikacinotolerans                          | 2            |           |        |
| Nocardia anaemiae                                   | 1            | +         |        |

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|--|--------------|-----------|--------|
| <i>Nocardia aobensis</i>   | 2            |           |        |
| <i>Nocardia araoensis</i>  | 1            | +         |        |
| <i>Nocardia arizonensis</i>  | 1            | +         | neu    |
| <i>Nocardia artemisiae</i>   | 1            |           |        |
| <i>Nocardia arthritis</i>  | 2            |           |        |
| <i>Nocardia asiatica</i>   | 2            |           |        |
| <i>Nocardia asteroides</i>   | 2            | ht        |        |
| <i>Nocardia autotrophica</i> → <i>Pseudonocardia autotrophica</i>          |              |           |        |
| <i>Nocardia beijingensis</i>   | 2            |           |        |
| <i>Nocardia bhagyanarayanae</i>  | 1            |           | neu    |
| <i>Nocardia blacklockiae</i>   | 2            |           |        |
| <i>Nocardia brasiliensis</i>   | 2            | ht        |        |
| <i>Nocardia brevicatena</i> ( <i>Micropolyspora brevicatena</i> )          | 1            | +         |        |
| <i>Nocardia caishijiensis</i>  | 1            |           |        |
| <i>Nocardia calcarea</i> → <i>Rhodococcus erythropolis</i>                 |              |           |        |
| <i>Nocardia callitridis</i>  | 1            |           |        |
| <i>Nocardia camponoti</i>  | 1            |           | neu    |
| <i>Nocardia carnea</i>   | 1            | +         |        |
| <i>Nocardia casuarinae</i>   | 1            |           | neu    |
| <i>Nocardia cavernae</i>   | 1            |           | neu    |
| <i>Nocardia cellulans</i> → <i>Cellulosimicrobium cellulans</i>            |              |           |        |
| <i>Nocardia cerradoensis</i>   | 1            |           |        |
| <i>Nocardia coeliaca</i>   | 1            |           |        |
| <i>Nocardia concava</i>  | 2            |           |        |
| <i>Nocardia corynebacterioides</i> → <i>Rhodococcus corynebacterioides</i> |              |           |        |
| <i>Nocardia coubleae</i>   | 1            |           | neu    |
| <i>Nocardia crassostreae</i>   | 1            | n         |        |
| <i>Nocardia cummidelens</i>  | 1            |           |        |
| <i>Nocardia cyriacigeorgica</i>  | 2            |           |        |
| <i>Nocardia elegans</i>  | 1            | +         |        |
| <i>Nocardia endophytica</i>  | 1            |           |        |
| <i>Nocardia exalbida</i>   | 2            |           |        |
| <i>Nocardia farcinica</i>  | 2            | ht        |        |
| <i>Nocardia flavorosea</i>   | 1            | +         | Bem.   |
| <i>Nocardia fluminea</i>   | 1            |           |        |
| <i>Nocardia gamkensis</i>  | 1            | +         | neu    |
| <i>Nocardia globerula</i> → <i>Rhodococcus globerulus</i>                  |              |           |        |
| <i>Nocardia goodfellowii</i>   | 1            |           |        |
| <i>Nocardia grenadensis</i>  | 1            |           |        |
| <i>Nocardia halotolerans</i>   | 1            |           | neu    |
| <i>Nocardia harenae</i>  | 2            |           |        |
| <i>Nocardia heshunensis</i>  | 1            |           | neu    |
| <i>Nocardia higoensis</i>  | 1            | +         |        |

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|---|--------------|-----------|--------|
| <i>Nocardia hydrocarbonoxydans</i> → <i>Pseudonocardia hydrocarbonoxydans</i>         |              |           |        |
| <i>Nocardia ignorata</i>  | 2            |           |        |
| <i>Nocardia inohanensis</i>   | 1            | +         |        |
| <i>Nocardia iowensis</i>  | 1            |           |        |
| <i>Nocardia jejuensis</i>   | 1            |           |        |
| <i>Nocardia jiangsuensis</i>  | 1            |           | neu    |
| <i>Nocardia jiangxiensis</i>  | 1            |           |        |
| <i>Nocardia jinanensis</i>  | 1            | +         | Bem.   |
| <i>Nocardia kroppenstedtii</i>  | 2            |           |        |
| <i>Nocardia kruczakiae</i>  | 2            |           |        |
| <i>Nocardia lasii</i>   | 1            |           | neu    |
| <i>Nocardia lijiangensis</i>  | 1            |           | neu    |
| <i>Nocardia mediterranei</i> → <i>Amycolatopsis mediterranei</i>                      |              |           |        |
| <i>Nocardia mexicana</i>  | 2            |           |        |
| <i>Nocardia mikamii</i>   | 2            |           |        |
| <i>Nocardia miyunensis</i>  | 1            |           |        |
| <i>Nocardia neocaledoniensis</i>  | 1            | ht+       | Bem.   |
| <i>Nocardia niigatensis</i>   | 2            |           |        |
| <i>Nocardia ninae</i>   | 1            | +         |        |
| <i>Nocardia niwae</i>   | 2            |           |        |
| <i>Nocardia nova</i>  | 2            | ht        |        |
| <i>Nocardia orientalis</i> → <i>Amycolatopsis orientalis</i> subsp. <i>orientalis</i> |              |           |        |
| <i>Nocardia otitidiscaviarum</i>  | 2            | ht        |        |
| <i>Nocardia paucivorans</i>   | 2            |           |        |
| <i>Nocardia petroleophila</i> → <i>Pseudonocardia petroleophila</i>                   |              |           |        |
| <i>Nocardia pigrifrangens</i>   | 1            |           |        |
| <i>Nocardia pinensis</i> → <i>Skermania piniformis</i>                                |              |           |        |
| <i>Nocardia pneumoniae</i>  | 1            | +         |        |
| <i>Nocardia polyresistens</i>   | 1            |           | neu    |
| <i>Nocardia pseudobrasiliensis</i>  | 2            |           |        |
| <i>Nocardia pseudovaccinii</i>  | 1            |           |        |
| <i>Nocardia puris</i>   | 1            | +         |        |
| <i>Nocardia rayongensis</i>   | 1            |           | neu    |
| <i>Nocardia restricta</i> → <i>Rhodococcus equi</i>                                   |              |           |        |
| <i>Nocardia rhamnosiphila</i>   | 1            |           |        |
| <i>Nocardia rhizosphaerae</i>   | 1            |           | neu    |
| <i>Nocardia rhizosphaerihabitans</i>  | 1            |           | neu    |
| <i>Nocardia rugosa</i> – synonym: <i>Prauserella rugosa</i>                           |              |           |        |
| <i>Nocardia salmonicida</i>   | 1            | t2        |        |
| <i>Nocardia saturnea</i> → <i>Pseudonocardia saturnea</i>                             |              |           |        |
| <i>Nocardia seriolae</i>  | 1            | t2        |        |
| <i>Nocardia shimofusensis</i>   | 1            |           |        |
| <i>Nocardia shinanonensis</i>   | 1            | +         | neu    |
| <i>Nocardia sienata</i>   | 1            | +         |        |

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|--|--------------|-----------|--------|
| <i>Nocardia soli</i>   | 1            |           |        |
| <i>Nocardia speluncae</i>  | 1            |           |        |
| <i>Nocardia sulphurea</i> – synonym: <i>Amycolatopsis sulphurea</i>  |              |           |        |
| <i>Nocardia sungurluensis</i>  | 1            |           |        |
| <i>Nocardia takedensis</i>   | 1            | +         |        |
| <i>Nocardia tenerifensis</i>   | 1            |           |        |
| <i>Nocardia tengchongensis</i>                                       | 1            |           | neu    |
| <i>Nocardia terpenica</i>  | 2            |           |        |
| <i>Nocardia testacea</i>   | 1            | +         |        |
| <i>Nocardia thailandica</i>  | 1            | +         |        |
| <i>Nocardia thraciensis</i>  | 1            |           |        |
| <i>Nocardia transvalensis</i>  | 2            |           |        |
| <i>Nocardia uniformis</i>  | 1            |           |        |
| <i>Nocardia vaccinii</i>   | 1            | p         |        |
| <i>Nocardia vermiculata</i>  | 1            | +         |        |
| <i>Nocardia veterana</i>   | 2            |           |        |
| <i>Nocardia vinacea</i>  | 1            | +         |        |
| <i>Nocardia vulneris</i>   | 2            |           | neu    |
| <i>Nocardia wallacei</i>   | 2            |           |        |
| <i>Nocardia xestospongiae</i>  | 1            |           | neu    |
| <i>Nocardia xishanensis</i>  | 1            |           |        |
| <i>Nocardia yamanashiensis</i>                                       | 2            |           |        |
| <i>Nocardia zapadnayensis</i>  | 1            |           | neu    |
| <b>Nocardioides</b>  |              |           |        |
| <i>Nocardioides aestuarii</i>  | 1            |           |        |
| <i>Nocardioides agariphilus</i>                                      | 1            |           |        |
| <i>Nocardioides agrisoli</i>   | 1            |           | neu    |
| <i>Nocardioides albertanoniae</i>                                    | 1            |           |        |
| <i>Nocardioides albidus</i>  | 1            |           | neu    |
| <i>Nocardioides albus</i>  | 1            |           |        |
| <i>Nocardioides alkalitolerans</i>                                   | 1            |           |        |
| <i>Nocardioides alpinus</i>  | 1            |           |        |
| <i>Nocardioides antarcticus</i>                                      | 1            |           | neu    |
| <i>Nocardioides aquaticus</i>  | 1            |           |        |
| <i>Nocardioides aquiterrae</i>                                       | 1            |           |        |
| <i>Nocardioides aromaticivorans</i>                                  | 1            |           |        |
| <i>Nocardioides baekrokdamisoli</i>                                  | 1            |           | neu    |
| <i>Nocardioides basaltis</i> – synonym: <i>Nocardioides salarius</i> |              |           |        |
| <i>Nocardioides bigeumensis</i>                                      | 1            |           |        |
| <i>Nocardioides caeni</i>  | 1            |           |        |
| <i>Nocardioides caricicola</i>                                       | 1            |           |        |
| <i>Nocardioides cavernae</i>   | 1            |           | neu    |
| <i>Nocardioides conyzicola</i>                                       | 1            |           |        |
| <i>Nocardioides daecheongensis</i>                                   | 1            |           | neu    |
| <i>Nocardioides daedukensis</i>                                      | 1            |           |        |

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|--|--------------|-----------|--------|
| <i>Nocardioides daeguensis</i>                                     | 1            |           |        |
| <i>Nocardioides daejeonensis</i>                                   | 1            |           |        |
| <i>Nocardioides daphniae</i>                                       | 1            |           |        |
| <i>Nocardioides deserti</i>  | 1            |           | neu    |
| <i>Nocardioides dilutus</i>  | 1            |           |        |
| <i>Nocardioides dokdonensis</i>                                    | 1            |           |        |
| <i>Nocardioides dubius</i>   | 1            |           |        |
| <i>Nocardioides echinoideorum</i>                                  | 1            |           | neu    |
| <i>Nocardioides endophyticus</i>                                   | 1            |           |        |
| <i>Nocardioides exalbidus</i>                                      | 1            |           |        |
| <i>Nocardioides fastidiosus</i> → <i>Aeromicrobium fastidiosum</i> |              |           |        |
| <i>Nocardioides flavus</i>   | 1            |           | neu    |
| <i>Nocardioides fonticola</i>                                      | 1            |           |        |
| <i>Nocardioides furvisabuli</i>                                    | 1            |           |        |
| <i>Nocardioides ganghwensis</i>                                    | 1            |           |        |
| <i>Nocardioides gilvus</i>   | 1            |           | neu    |
| <i>Nocardioides ginkgobilobae</i>                                  | 1            |           | neu    |
| <i>Nocardioides ginsengagri</i>                                    | 1            |           |        |
| <i>Nocardioides ginsengisegetis</i>                                | 1            |           |        |
| <i>Nocardioides ginsengisoli</i>                                   | 1            |           |        |
| <i>Nocardioides glacieisoli</i>                                    | 1            |           | neu    |
| <i>Nocardioides halotolerans</i>                                   | 1            |           |        |
| <i>Nocardioides hankookensis</i>                                   | 1            |           |        |
| <i>Nocardioides humi</i>   | 1            |           |        |
| <i>Nocardioides hungaricus</i>                                     | 1            |           |        |
| <i>Nocardioides hwasunensis</i>                                    | 1            |           |        |
| <i>Nocardioides immobilis</i>                                      | 1            |           | neu    |
| <i>Nocardioides insulae</i>  | 1            |           |        |
| <i>Nocardioides intraradicalis</i>                                 | 1            |           | neu    |
| <i>Nocardioides iriomotensis</i>                                   | 1            |           |        |
| <i>Nocardioides islandensis</i>                                    | 1            |           |        |
| <i>Nocardioides jensenii</i> ( <i>Pimelobacter jensenii</i> )      | 1            |           |        |
| <i>Nocardioides kandeliae</i>                                      | 1            |           | neu    |
| <i>Nocardioides kongjuensis</i>                                    | 1            |           |        |
| <i>Nocardioides koreensis</i>                                      | 1            |           |        |
| <i>Nocardioides kribbensis</i>                                     | 1            |           |        |
| <i>Nocardioides lentus</i>   | 1            |           |        |
| <i>Nocardioides lianchengensis</i>                                 | 1            |           |        |
| <i>Nocardioides litoris</i>  | 1            |           | neu    |
| <i>Nocardioides litorisoli</i>                                     | 1            |           | neu    |
| <i>Nocardioides luteus</i>   | 1            |           |        |
| <i>Nocardioides maradonensis</i>                                   | 1            |           |        |
| <i>Nocardioides marinisabuli</i>                                   | 1            |           |        |
| <i>Nocardioides marinquilinus</i>                                  | 1            |           |        |
| <i>Nocardioides marinus</i>  | 1            |           |        |
| <i>Nocardioides massiliensis</i>                                   | 1            |           | neu    |



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| <i>Nocardioides mesophilus</i>   | 1            |           |        |
| <i>Nocardioides montaniterrae</i>  | 1            |           | neu    |
| <i>Nocardioides nanhaiensis</i>  | 1            |           | neu    |
| <i>Nocardioides nitrophenolicus</i>  | 1            |           |        |
| <i>Nocardioides oleivorans</i>   | 1            |           |        |
| <i>Nocardioides opuntiae</i>   | 1            |           |        |
| <i>Nocardioides pacificus</i>  | 1            |           | neu    |
| <i>Nocardioides pakistanensis</i>  | 1            |           | neu    |
| <i>Nocardioides panacihumi</i>   | 1            |           |        |
| <i>Nocardioides panacisoli</i>   | 1            |           |        |
| <i>Nocardioides panzhihuensis</i>  | 1            |           |        |
| <i>Nocardioides perillae</i>   | 1            |           |        |
| <i>Nocardioides phosphati</i>  | 1            |           | neu    |
| <i>Nocardioides plantarum</i>  | 1            |           |        |
| <i>Nocardioides psychrotolerans</i>  | 1            |           |        |
| <i>Nocardioides pyridinolyticus</i>  | 1            |           |        |
| <i>Nocardioides rotundus</i>   | 1            |           | neu    |
| <i>Nocardioides rubriscoriae</i>   | 1            |           | neu    |
| <i>Nocardioides salarii</i>  | 1            |           |        |
| <i>Nocardioides salsibiostraticola</i>   | 1            |           |        |
| <i>Nocardioides sediminis</i>  | 1            |           |        |
| <i>Nocardioides simplex</i> ( <i>Arthrobacter simplex</i> ,<br><i>Pimelobacter simplex</i> ) | 1            |           |        |
| <i>Nocardioides soli</i>   | 1            |           |        |
| <i>Nocardioides solisilvae</i>   | 1            |           | neu    |
| <i>Nocardioides sonneratae</i>   | 1            |           | neu    |
| <i>Nocardioides szechwanensis</i>  | 1            |           |        |
| <i>Nocardioides taihuensis</i>   | 1            |           | neu    |
| <i>Nocardioides terrae</i>   | 1            |           |        |
| <i>Nocardioides terrigena</i>  | 1            |           |        |
| <i>Nocardioides thalensis</i>  | 1            |           | neu    |
| <i>Nocardioides tritolerans</i>  | 1            |           |        |
| <i>Nocardioides ultimimeridianus</i>   | 1            |           |        |
| <i>Nocardioides ungodkensis</i>  | 1            |           | neu    |
| <i>Nocardioides zeae</i>   | 1            |           | neu    |
| <i>Nocardioides zeicaulis</i>  | 1            |           | neu    |
| <b>Nocardiopsis</b>  |              |           |        |
| <i>Nocardiopsis aegyptia</i>   | 1            |           |        |
| <i>Nocardiopsis africana</i> → <i>Nonomuraea africana</i>                                    |              |           |        |
| <i>Nocardiopsis akesuensis</i>   | 1            |           | neu    |
| <i>Nocardiopsis alba</i> subsp. <i>alba</i>  | 1            |           |        |
| <i>Nocardiopsis alba</i> subsp. <i>prasina</i> → <i>Nocardiopsis prasina</i>                 |              |           |        |
| <i>Nocardiopsis alborubida</i> → <i>Nocardiopsis dassonvillei</i> subsp. <i>albirubida</i>   |              |           |        |
| <i>Nocardiopsis algeriensis</i>  | 1            |           | neu    |
| <i>Nocardiopsis alkaliphila</i>  | 1            |           |        |

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|---|--------------|-----------|--------|
| <i>Nocardiopsis ansamitocini</i>  | 1            |           | neu    |
| <i>Nocardiopsis antarctica</i> – synonym: <i>Nocardiopsis dassonvillei</i> subsp. <i>dassonvillei</i>                                   |              |           |        |
| <i>Nocardiopsis arabia</i> → <i>Streptomonospora arabica</i>  |              |           |        |
| <i>Nocardiopsis arvandica</i>   | 1            |           |        |
| <i>Nocardiopsis baichengensis</i>   | 1            |           |        |
| <i>Nocardiopsis chromatogenes</i>   | 1            |           |        |
| <i>Nocardiopsis coeruleofusca</i> → <i>Saccharothrix coeruleofusca</i>  |              |           |        |
| <i>Nocardiopsis composta</i>  | 1            |           |        |
| <i>Nocardiopsis dassonvillei</i> subsp. <i>albirubida</i> ( <i>Nocardiopsis alborubida</i> )  | 2            |           |        |
| <i>Nocardiopsis dassonvillei</i> subsp. <i>dassonvillei</i>   | 2            |           |        |
| <i>Nocardiopsis dassonvillei</i> subsp. <i>prasina</i> → <i>Nocardiopsis prasina</i>  |              |           |        |
| <i>Nocardiopsis exhalans</i>  | 1            |           |        |
| <i>Nocardiopsis fildesensis</i>   | 1            |           |        |
| <i>Nocardiopsis flava</i> → <i>Lechevalieria flava</i>  |              |           |        |
| <i>Nocardiopsis flavescens</i>  | 1            |           |        |
| <i>Nocardiopsis ganjiahuensis</i>   | 1            |           |        |
| <i>Nocardiopsis gilva</i>   | 1            |           |        |
| <i>Nocardiopsis halophila</i>   | 1            |           |        |
| <i>Nocardiopsis halotolerans</i>  | 1            |           |        |
| <i>Nocardiopsis kunsanensis</i>   | 1            |           |        |
| <i>Nocardiopsis listeri</i>   | 1            |           |        |
| <i>Nocardiopsis litoralis</i>   | 1            |           |        |
| <i>Nocardiopsis longispora</i> → <i>Saccharothrix longispora</i>  |              |           |        |
| <i>Nocardiopsis lucentensis</i>   | 1            |           |        |
| <i>Nocardiopsis metallicus</i>  | 1            |           |        |
| <i>Nocardiopsis mutabilis</i> → <i>Saccharothrix mutabilis</i> subsp. <i>mutabilis</i>  |              |           |        |
| <i>Nocardiopsis mwathae</i>   | 1            |           | neu    |
| <i>Nocardiopsis nanhaiensis</i>   | 1            |           | neu    |
| <i>Nocardiopsis nikkonensis</i>   | 1            |           |        |
| <i>Nocardiopsis oceani</i>  | 1            |           | neu    |
| <i>Nocardiopsis potens</i>  | 1            |           |        |
| <i>Nocardiopsis prasina</i> ( <i>Nocardiopsis dassonvillei</i> subsp. <i>prasina</i> , <i>Nocardiopsis alba</i> subsp. <i>prasina</i> ) | 1            |           |        |
| <i>Nocardiopsis quinghaiensis</i>   | 1            |           |        |
| <i>Nocardiopsis rhizosphaerae</i>   | 1            |           | neu    |
| <i>Nocardiopsis rhodophaea</i>  | 1            |           |        |
| <i>Nocardiopsis rosea</i>   | 1            |           |        |
| <i>Nocardiopsis salina</i>  | 1            |           |        |
| <i>Nocardiopsis sediminis</i>   | 1            |           | neu    |
| <i>Nocardiopsis sinuspersici</i>  | 1            |           |        |
| <i>Nocardiopsis synnemataformans</i>  | 1            | +         |        |
| <i>Nocardiopsis syringae</i> → <i>Saccharothrix syringae</i>  |              |           |        |

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|---|--------------|-----------|--------|
| <i>Nocardiopsis terrae</i>  | 1            |           |        |
| <i>Nocardiopsis trehalosi</i>   | 1            |           |        |
| <i>Nocardiopsis tropica</i>   | 1            |           |        |
| <i>Nocardiopsis umidischolae</i>  | 1            |           |        |
| <i>Nocardiopsis valliformis</i>   | 1            |           |        |
| <i>Nocardiopsis xinjiangensis</i>   | 1            |           |        |
| <b>Nonhongielli</b>   |              |           |        |
| <i>Nonhongielli spirulinensis</i> → <i>Pseudohongielli spirulinae</i>   |              |           | Umb.   |
| <b>Nonlabens</b>  |              |           |        |
| <i>Nonlabens aestuariivivens</i>  | 1            |           | neu    |
| <i>Nonlabens agnitus</i>  | 1            |           |        |
| <i>Nonlabens antarcticus</i>  | 1            |           |        |
| <i>Nonlabens arenilitoris</i>   | 1            |           |        |
| <i>Nonlabens dokdonensis</i> ( <i>Persicivirga dokdonensis</i> , <i>Donghaeana dokdonensis</i> )                                | 1            |           |        |
| <i>Nonlabens halophilus</i>   | 1            |           | neu    |
| <i>Nonlabens marinus</i>  | 1            |           |        |
| <i>Nonlabens sediminis</i> ( <i>Sandarakinotalea sediminis</i> )  | 1            |           |        |
| <i>Nonlabens spongiae</i> ( <i>Stenothermobacter spongiae</i> )   | 1            |           |        |
| <i>Nonlabens tegetincola</i>  | 1            |           |        |
| <i>Nonlabens ulvanivorans</i> ( <i>Persicivirga ulvanivorans</i> )  | 1            |           |        |
| <i>Nonlabens xylanidelens</i> ( <i>Persicivirga xylanidelens</i> )  | 1            |           |        |
| <b>Nonomuraea</b>   |              |           |        |
| <i>Nonomuraea africana</i> ( <i>Actinomadura africana</i> , <i>Nocardiopsis africana</i> , <i>Microtetraspora africana</i> )    | 1            |           |        |
| <i>Nonomuraea angiospora</i> ( <i>Micropolyspora angiospora</i> , <i>Microtetraspora angiospora</i> )                           | 1            |           |        |
| <i>Nonomuraea antimicrobica</i>   | 1            |           |        |
| <i>Nonomuraea bangladeshensis</i>   | 1            |           |        |
| <i>Nonomuraea candida</i>   | 1            |           |        |
| <i>Nonomuraea cavernae</i>  | 1            |           | neu    |
| <i>Nonomuraea ceibae</i>  | 1            |           | neu    |
| <i>Nonomuraea coxensis</i>  | 1            |           |        |
| <i>Nonomuraea dietziae</i>  | 1            |           |        |
| <i>Nonomuraea endophytica</i>   | 1            |           |        |
| <i>Nonomuraea fastidiosa</i> ( <i>Actinomadura fastidiosa</i> , <i>Microtetraspora fastidiosa</i> )                             | 1            |           |        |
| <i>Nonomuraea ferruginea</i> ( <i>Actinomadura ferruginea</i> , <i>Microtetraspora ferruginea</i> )                             | 1            |           |        |
| <i>Nonomuraea flavida</i>   | 1            |           | neu    |
| <i>Nonomuraea flexuosa</i> ( <i>Actinomadura flexuosa</i> , <i>Microtetraspora flexuosa</i> ) → <i>Thermopolyspora flexuosa</i> |              |           |        |
| <i>Nonomuraea fuscirosea</i>  | 1            |           |        |
| <i>Nonomuraea gerenzanensis</i>   | 1            |           | neu    |
| <i>Nonomuraea glycinis</i>  | 1            |           | neu    |

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|--|--------------|-----------|--------|
| <i>Nonomuraea guangzhouensis</i>   | 1            |           | neu    |
| <i>Nonomuraea harbinensis</i>  | 1            |           | neu    |
| <i>Nonomuraea helvata</i> ( <i>Actinomadura helvata</i> , <i>Microtetraspora helvata</i> )   | 1            |           |        |
| <i>Nonomuraea jabiensis</i>  | 1            |           |        |
| <i>Nonomuraea kuesteri</i>   | 1            |           |        |
| <i>Nonomuraea longicatena</i>  | 1            |           |        |
| <i>Nonomuraea maheshkhaliensis</i>   | 1            |           |        |
| <i>Nonomuraea maritima</i>   | 1            |           |        |
| <i>Nonomuraea monospora</i>  | 1            |           |        |
| <i>Nonomuraea muscovyensis</i>   | 1            |           | neu    |
| <i>Nonomuraea polychroma</i> ( <i>Actinomadura polychroma</i> , <i>Microtetraspora polychroma</i> )                                      | 1            |           |        |
| <i>Nonomuraea purpurea</i>   | 1            |           | neu    |
| <i>Nonomuraea pusilla</i> ( <i>Actinomadura pusilla</i> , <i>Microtetraspora pusilla</i> )   | 1            |           |        |
| <i>Nonomuraea recticatena</i> ( <i>Actinomadura recticatena</i> , <i>Microtetraspora recticatena</i> )                                   | 1            |           |        |
| <i>Nonomuraea rhizophila</i>   | 1            |           |        |
| <i>Nonomuraea rhodomycinica</i>  | 1            |           | neu    |
| <i>Nonomuraea rosea</i>  | 1            |           |        |
| <i>Nonomuraea roseola</i> ( <i>Actinomadura roseola</i> , <i>Microtetraspora roseola</i> )   | 1            |           |        |
| <i>Nonomuraea roseoviolacea</i> subsp. <i>carminata</i> ( <i>Actinomadura carminata</i> )  | 1            |           |        |
| <i>Nonomuraea roseoviolacea</i> subsp. <i>roseoviolacea</i> ( <i>Actinomadura roseoviolacea</i> , <i>Microtetraspora roseoviolacea</i> ) | 1            |           |        |
| <i>Nonomuraea rubra</i> ( <i>Actinomadura rubra</i> , <i>Microtetraspora rubra</i> )   | 1            |           |        |
| <i>Nonomuraea salmonea</i> ( <i>Actinomadura salmonea</i> , <i>Microtetraspora salmonea</i> )  | 1            |           |        |
| <i>Nonomuraea solani</i>   | 1            |           |        |
| <i>Nonomuraea soli</i>   | 1            |           |        |
| <i>Nonomuraea spiralis</i> ( <i>Actinomadura spiralis</i> , <i>Microtetraspora spiralis</i> )  | 1            |           |        |
| <i>Nonomuraea stahlianthi</i>  | 1            |           | neu    |
| <i>Nonomuraea syzygii</i>  | 1            |           | neu    |
| <i>Nonomuraea thailandensis</i>  | 1            |           |        |
| <i>Nonomuraea thermotolerans</i>   | 1            |           | neu    |
| <i>Nonomuraea turkmeniaca</i> ( <i>Actinomadura turkmeniaca</i> , <i>Microtetraspora turkmeniaca</i> )                                   | 1            |           |        |
| <i>Nonomuraea wenchangensis</i>  | 1            |           |        |
| <i>Nonomuraea zeae</i>   | 1            |           | neu    |
| <b>Nosocomiicoccus</b>   |              |           |        |
| <i>Nosocomiicoccus ampullae</i>  | 1            | +         | neu    |
| <i>Nosocomiicoccus massiliensis</i>  | 1            |           | neu    |
| <b>Notoacmeibacter</b>   |              |           |        |
| <i>Notoacmeibacter marinus</i>   | 1            |           | neu    |
| <b>Novibacillus</b>  |              |           |        |
| <i>Novibacillus thermophilus</i>   | 1            |           | neu    |

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|--|--------------|-----------|-----------|
| <b>Noviherbaspirillum</b>  |              |           |           |
| Noviherbaspirillum agri  | 1            |           | neu       |
| Noviherbaspirillum aurantiacum (Herbaspirillum aurantiacum)  | 1            |           |           |
| Noviherbaspirillum autotrophicum   | 1            |           | neu       |
| Noviherbaspirillum canariense (Herbaspirillum canariense)  | 1            |           |           |
| Noviherbaspirillum denitrificans   | 1            |           | neu       |
| Noviherbaspirillum humi  | 1            |           | neu       |
| Noviherbaspirillum malthae   | 1            |           |           |
| Noviherbaspirillum massiliense (Herbaspirillum massiliense)  | 1            |           | neu, Umb. |
| Noviherbaspirillum psychrotolerans (Herbaspirillum psychrotolerans)  | 1            |           |           |
| Noviherbaspirillum soli (Herbaspirillum soli)  | 1            |           |           |
| Noviherbaspirillum suwonense   | 1            |           |           |
| <b>Novispirillum</b>   |              |           |           |
| Novispirillum itersonii subsp. itersonii (Aquaspirillum itersonii subsp. itersonii)                              | 1            |           |           |
| Novispirillum itersonii subsp. nipponicum (Aquaspirillum itersonii subsp. nipponicum)                            | 1            |           |           |
| <b>Novosphingobium</b>   |              |           |           |
| Novosphingobium acidiphilum  | 1            |           |           |
| Novosphingobium aquaticum  | 1            |           |           |
| Novosphingobium aquiterrae   | 1            |           | neu       |
| Novosphingobium arabidopsis  | 1            |           |           |
| Novosphingobium aromaticivorans (Sphingomonas aromaticivorans) – synonym: Sphingomonas aromaticivorans           |              |           |           |
| Novosphingobium barchaimii   | 1            |           |           |
| Novosphingobium bradum   | 1            |           | neu       |
| Novosphingobium capsulatum (Flavobacterium capsulatum, Sphingomonas capsulata) – synonym: Sphingomonas capsulata |              |           |           |
| Novosphingobium chloroacetimidivorans  | 1            |           | neu       |
| Novosphingobium clariflavum  | 1            |           | neu       |
| Novosphingobium colocasiae   | 1            |           | neu       |
| Novosphingobium endophyticum   | 1            |           | neu       |
| Novosphingobium flavum   | 1            |           | neu       |
| Novosphingobium fluoreni   | 1            |           | neu       |
| Novosphingobium fontis   | 1            |           | neu       |
| Novosphingobium fuchskuhlense  | 1            |           |           |
| Novosphingobium gossypii   | 1            |           | neu       |
| Novosphingobium guangzhouense  | 1            |           | neu       |
| Novosphingobium hassiacum  | 1            |           |           |
| Novosphingobium humi   | 1            |           | neu       |
| Novosphingobium indicum  | 1            |           |           |
| Novosphingobium ipomoeae   | 1            |           | neu       |
| Novosphingobium kunmingense  | 1            |           | neu       |
| Novosphingobium lentum   | 1            |           |           |

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|---|--------------|-----------|--------|
| <i>Novosphingobium lindaniclasticum</i>   | 1            |           |        |
| <i>Novosphingobium lotistagni</i>   | 1            |           | neu    |
| <i>Novosphingobium malaysiense</i>  | 1            |           |        |
| <i>Novosphingobium marinum</i>  | 1            |           | neu    |
| <i>Novosphingobium mathurense</i>   | 1            |           |        |
| <i>Novosphingobium naphthae</i>   | 1            |           | neu    |
| <i>Novosphingobium naphthalenivorans</i>  | 1            |           |        |
| <i>Novosphingobium nitrogenifigens</i>  | 1            |           |        |
| <i>Novosphingobium oryzae</i>   | 1            |           | neu    |
| <i>Novosphingobium panipatense</i>  | 1            |           |        |
| <i>Novosphingobium pentaromativorans</i>  | 1            |           |        |
| <i>Novosphingobium piscinae</i>   | 1            |           | neu    |
| <i>Novosphingobium pokkali</i>  | 1            |           | neu    |
| <i>Novosphingobium resinovorum</i> ( <i>Flavobacterium resinovorum</i> )  | 1            |           |        |
| <i>Novosphingobium rhizosphaerae</i>  | 1            |           | neu    |
| <i>Novosphingobium rosa</i> ( <i>Sphingomonas rosa</i> ) – synonym: <i>Sphingomonas rosa</i>                        |              |           |        |
| <i>Novosphingobium sediminicola</i>   | 1            |           |        |
| <i>Novosphingobium soli</i>   | 1            |           |        |
| <i>Novosphingobium stygium</i> ( <i>Sphingomonas stygia</i> ) – synonym: <i>Sphingomonas stygia</i>                 |              |           |        |
| <i>Novosphingobium subarcticum</i> ( <i>Sphingomonas subarctica</i> ) – synonym: <i>Novosphingobium resinovorum</i> |              |           |        |
| <i>Novosphingobium subterranea</i> ( <i>Sphingomonas subterranea</i> ) – synonym: <i>Sphingomonas subterranea</i>   |              |           |        |
| <i>Novosphingobium taihuense</i>  | 1            |           |        |
| <i>Novosphingobium tardaugens</i>   | 1            |           |        |
| <b>Nubsella</b>   |              |           |        |
| <i>Nubsella zeaxanthinifaciens</i>  | 1            |           |        |
| <b>Obesumbacterium</b>  |              |           |        |
| <i>Obesumbacterium proteus</i>  | 1            |           |        |
| <b>Oblitimonas</b>  |              |           |        |
| <i>Oblitimonas alkaliphila</i>  | 1            | +         | neu    |
| <b>Occallatibacter</b>  |              |           |        |
| <i>Occallatibacter riparius</i>   | 1            |           | neu    |
| <i>Occallatibacter savannae</i>   | 1            |           | neu    |
| <b>Oceanibacterium</b>  |              |           |        |
| <i>Oceanibacterium hippocampi</i>   | 1            |           |        |
| <b>Oceanibaculum</b>  |              |           |        |
| <i>Oceanibaculum indicum</i>  | 1            |           |        |
| <i>Oceanibaculum nanhaiense</i>   | 1            |           | neu    |
| <i>Oceanibaculum pacificum</i>  | 1            |           |        |
| <b>Oceanibulbus</b>   |              |           |        |
| <i>Oceanibulbus indolifex</i> → <i>Sulfitobacter indolifex</i>  |              |           | Umb.   |
| <b>Oceanicaulis</b>   |              |           |        |
| <i>Oceanicaulis alexandrii</i>  | 1            |           |        |

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|--|--------------|-----------|--------|
| Oceanicaulis stylophorae                                     | 1            |           |        |
| <b>Oceanicella</b>   |              |           |        |
| Oceanicella actignis   | 1            |           |        |
| <b>Oceanicola</b>  |              |           |        |
| Oceanicola antarcticus → Pseudoceanicola antarcticus         |              |           | Umb.   |
| Oceanicola batsensis → Pseudoceanicola batsensis             |              |           | Umb.   |
| Oceanicola flagellatus → Pseudoceanicola flagellatus         |              |           | Umb.   |
| Oceanicola granulosis  | 1            |           |        |
| Oceanicola litoreus  | 1            |           |        |
| Oceanicola marinus → Pseudoceanicola marinus                 |              |           | Umb.   |
| Oceanicola nanhaiensis → Pseudoceanicola nanhaiensis         |              |           | Umb.   |
| Oceanicola nitratireducens → Pseudoceanicola nitratireducens |              |           | Umb.   |
| Oceanicola pacificus   | 1            |           |        |
| <b>Oceaniglobus</b>  |              |           |        |
| Oceaniglobus indicus   | 1            |           | neu    |
| <b>Oceanihabitans</b>  |              |           |        |
| Oceanihabitans sediminis                                     | 1            |           | neu    |
| <b>Oceanimonas</b>   |              |           |        |
| Oceanimonas baumannii  | 1            |           |        |
| Oceanimonas doudoroffii (Pseudomonas doudoroffii)            | 1            |           |        |
| Oceanimonas smirnovii  | 1            |           |        |
| <b>Oceanirhabdus</b>   |              |           |        |
| Oceanirhabdus sediminicola                                   | 1            |           |        |
| <b>Oceaniserpentilla</b>                                     |              |           |        |
| Oceaniserpentilla haliotis                                   | 1            |           |        |
| <b>Oceanisphaera</b>   |              |           |        |
| Oceanisphaera arctica  | 1            |           |        |
| Oceanisphaera donghaensis                                    | 1            |           |        |
| Oceanisphaera litoralis                                      | 1            |           |        |
| Oceanisphaera marina   | 1            |           | neu    |
| Oceanisphaera ostreae  | 1            |           |        |
| Oceanisphaera profunda                                       | 1            |           |        |
| Oceanisphaera psychrotolerans                                | 1            |           | neu    |
| Oceanisphaera sediminis                                      | 1            |           |        |
| <b>Oceanispirochaeta</b>                                     |              |           |        |
| Oceanispirochaeta litoralis (Spirochaeta litoralis)          | 1            |           | Umb.   |
| Oceanispirochaeta sediminicola                               | 1            |           | neu    |
| <b>Oceanitalea</b>   |              |           |        |
| Oceanitalea nanhaiensis – synonym: Georgenia satyanarayanai  |              |           | Umb.   |
| <b>Oceanithermus</b>   |              |           |        |
| Oceanithermus desulfurans                                    | 1            |           |        |

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|---|--------------|-----------|--------|
| Oceanithermus profundus   | 1            |           |        |
| <b>Oceanivirga</b>  |              |           |        |
| Oceanivirga salmonicida   | 2            | t         | neu    |
| <b>Oceanobacillus</b>   |              |           |        |
| Oceanobacillus arenosus   | 1            |           | neu    |
| Oceanobacillus bengalensis  | 1            |           | neu    |
| Oceanobacillus caeni  | 1            |           |        |
| Oceanobacillus chironomi  | 1            |           |        |
| Oceanobacillus chungangensis  | 1            |           |        |
| Oceanobacillus damuensis  | 1            |           | neu    |
| Oceanobacillus halophilus   | 1            |           | neu    |
| Oceanobacillus iheyensis  | 1            |           |        |
| Oceanobacillus indicireducens   | 1            |           |        |
| Oceanobacillus kapialis   | 1            |           |        |
| Oceanobacillus kimchii  | 1            |           |        |
| Oceanobacillus limi   | 1            |           |        |
| Oceanobacillus locisalsi  | 1            |           |        |
| Oceanobacillus longus   | 1            |           | neu    |
| Oceanobacillus luteolus   | 1            |           |        |
| Oceanobacillus neutriphilus   | 1            |           |        |
| Oceanobacillus oncorhynchi subsp. incaldanensis   | 1            |           |        |
| Oceanobacillus oncorhynchi subsp. oncorhynchi   | 1            |           |        |
| Oceanobacillus pacificus  | 1            |           |        |
| Oceanobacillus picturae (Virgibacillus picturae)  | 1            |           |        |
| Oceanobacillus polygoni   | 1            |           |        |
| Oceanobacillus profundus  | 1            |           |        |
| Oceanobacillus rekensis   | 1            |           | neu    |
| Oceanobacillus sojiae   | 1            |           |        |
| <b>Oceanobacter</b>   |              |           |        |
| Oceanobacter kriegii (Oceanospirillum kriegii)  | 1            |           |        |
| <b>Oceanococcus</b>   |              |           |        |
| Oceanococcus atlanticus   | 1            |           |        |
| <b>Oceanospirillum</b>  |              |           |        |
| Oceanospirillum beijerinckii (Oceanospirillum beijerinckii subsp. beijerinckii, Oceanospirillum beijerinckii subsp. pelagicum, Oceanospirillum pelagicum) | 1            |           |        |
| Oceanospirillum beijerinckii subsp. beijerinckii → Oceanospirillum beijerinckii   |              |           |        |
| Oceanospirillum beijerinckii subsp. pelagicum (Oceanospirillum pelagicum) → Oceanospirillum beijerinckii  |              |           |        |
| Oceanospirillum commune = Marinomonas communis (Alteromonas communis)   | 1            |           |        |
| Oceanospirillum hiroshimense → Oceanospirillum maris  |              |           |        |
| Oceanospirillum jannaschii → Marinobacterium jannaschii   |              |           |        |



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|--|--------------|-----------|--------|
| Oceanospirillum japonicum → Pseudospirillum japonicum  |              |           |        |
| Oceanospirillum kriegii → Oceanobacter kriegii   |              |           |        |
| Oceanospirillum linum  | 1            |           |        |
| Oceanospirillum maris (Oceanospirillum maris subsp. hiroshimense, Oceanospirillum hiroshimense, Oceanospirillum maris subsp. maris, Oceanospirillum maris subsp. williamsae) | 1            |           |        |
| Oceanospirillum maris subsp. hiroshimense (Oceanospirillum hiroshimense) → Oceanospirillum maris   |              |           |        |
| Oceanospirillum maris subsp. maris → Oceanospirillum maris   |              |           |        |
| Oceanospirillum maris subsp. williamsae → Oceanospirillum maris  |              |           |        |
| Oceanospirillum minutulum → Marinospirillum minutulum  |              |           |        |
| Oceanospirillum multiglobuliferum  | 1            |           |        |
| Oceanospirillum pelagicum → Oceanospirillum beijerinckii   |              |           |        |
| Oceanospirillum pusillum → Terasakiella pusilla  |              |           |        |
| Oceanospirillum sanctuarii   | 1            |           | neu    |
| Oceanospirillum vagum = Marinomonas vaga (Alteromonas vaga)  | 1            |           |        |
| <b>Oceanotoga</b>  |              |           |        |
| Oceanotoga teriensis   | 1            |           |        |
| <b>Ochrobactrum</b>  |              |           |        |
| Ochrobactrum anthropi  | 2            | TA, ht    |        |
| Ochrobactrum ciceri  | 1            |           |        |
| Ochrobactrum cytisi  | 1            |           |        |
| Ochrobactrum daejeonense   | 1            |           |        |
| Ochrobactrum endophyticum  | 1            |           | neu    |
| Ochrobactrum gallinifaecis   | 1            |           |        |
| Ochrobactrum grignonense   | 1            |           |        |
| Ochrobactrum haematophilum   | 1            | +         |        |
| Ochrobactrum intermedium   | 2            |           |        |
| Ochrobactrum lupini  | 1            |           |        |
| Ochrobactrum oryzae  | 1            |           |        |
| Ochrobactrum pecoris   | 1            | t+        |        |
| Ochrobactrum pituitosum  | 1            |           |        |
| Ochrobactrum pseudintermedium  | 1            | +         |        |
| Ochrobactrum pseudogrignonense   | 1            | +         |        |
| Ochrobactrum rhizosphaerae   | 1            |           |        |
| Ochrobactrum thiophenivorans   | 1            |           |        |
| Ochrobactrum tritici   | 1            |           |        |
| <b>Octadecabacter</b>  |              |           |        |
| Octadecabacter antarcticus   | 1            |           |        |
| Octadecabacter arcticus  | 1            |           |        |
| Octadecabacter ascidiaceicola  | 1            |           | neu    |

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|--|--------------|-----------|--------|
| Octadecabacter jejudonensis → Pseudooctadecabacter jejudonensis                            |              |           | Umb.   |
| Octadecabacter ponticola   | 1            |           | neu    |
| Octadecabacter temperatus  | 1            |           | neu    |
| <b>Odoribacter</b>   |              |           |        |
| Odoribacter denticanis   | 2            | t         |        |
| Odoribacter laneus   | 1            |           |        |
| Odoribacter splanchnicus (Bacteroides splanchnicus)  | 2            |           |        |
| <b>Oenococcus</b>  |              |           |        |
| Oenococcus alcoholitolerans  | 1            |           | neu    |
| Oenococcus kitaharae   | 1            |           |        |
| Oenococcus oeni (Leuconostoc oenos)  | 1            |           |        |
| <b>Oerskovia</b>   |              |           |        |
| Oerskovia enterophila (Promicromonospora enterophila)                                      | 1            |           |        |
| Oerskovia jenensis   | 1            |           |        |
| Oerskovia paurometabola  | 1            |           |        |
| Oerskovia turbata  | 1            | +         |        |
| Oerskovia xanthineolytica – synonym: Cellulomonas cellulans → Cellulosimicrobium cellulans |              |           |        |
| <b>Oharaebacter</b>  |              |           |        |
| Oharaebacter diazotrophicus  | 1            |           | neu    |
| <b>Ohtaekwangia</b>  |              |           |        |
| Ohtaekwangia koreensis   | 1            |           |        |
| Ohtaekwangia kribbensis  | 1            |           |        |
| <b>Okibacterium</b>  |              |           |        |
| Okibacterium endophyticum  | 1            |           | neu    |
| Okibacterium fritillariae  | 1            |           |        |
| <b>Oleigrimonas</b>  |              |           |        |
| Oleigrimonas citrea  | 1            |           | neu    |
| Oleigrimonas soli  | 1            |           | neu    |
| <b>Oleibacter</b>  |              |           |        |
| Oleibacter marinus   | 1            |           |        |
| <b>Oleiphilus</b>  |              |           |        |
| Oleiphilus messinensis   | 1            |           |        |
| <b>Oleispira</b>   |              |           |        |
| Oleispira antarctica   | 1            |           |        |
| Oleispira lenta  | 1            |           |        |
| <b>Oligella</b>  |              |           |        |
| Oligella ureolytica  | 1            | +         |        |
| Oligella urethralis (Moraxella urethralis)   | 1            | ht+       |        |
| <b>Oligoflexus</b>   |              |           |        |
| Oligoflexus tunisiensis  | 1            |           | neu    |
| <b>Oligosphaera</b>  |              |           |        |
| Oligosphaera ethanolica  | 1            |           |        |
| <b>Oligotropha</b>   |              |           |        |
| Oligotropha carboxidovorans  | 1            |           |        |

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|---|--------------|-----------|--------|
| <b>Olivibacter</b>                                |              |           |        |
| Olivibacter composti                              | 1            |           | neu    |
| Olivibacter ginsengisoli                          | 1            |           |        |
| Olivibacter jilunii                               | 1            |           |        |
| Olivibacter oleidegradans                         | 1            |           |        |
| Olivibacter sitiensis                             | 1            |           |        |
| Olivibacter soli                                  | 1            |           |        |
| Olivibacter terrae                                | 1            |           |        |
| <b>Olleya</b>                                     |              |           |        |
| Olleya algicola                                   | 1            |           | neu    |
| Olleya aquimaris                                  | 1            |           |        |
| Olleya marilimosa                                 | 1            |           |        |
| Olleya namhaensis                                 | 1            |           |        |
| <b>Olsenella</b>                                  |              |           |        |
| Olsenella profusa                                 | 2            |           |        |
| Olsenella scatoligenes                            | 1            |           | neu    |
| Olsenella uli (Lactobacillus uli)                 | 2            |           |        |
| Olsenella umbonata                                | 1            |           |        |
| <b>Opitutus</b>                                   |              |           |        |
| Opitutus terrae                                   | 1            |           |        |
| <b>Orbus</b>                                      |              |           |        |
| Orbus hercynius                                   | 1            |           |        |
| Orbus sasakiae                                    | 1            |           |        |
| <b>Orenia</b>                                     |              |           |        |
| Orenia chitinitropha                              | 1            |           | neu    |
| Orenia marismortui (Sporohalobacter maris-mortui) | 1            |           |        |
| Orenia salinaria                                  | 1            |           |        |
| Orenia sivashensis                                | 1            |           |        |
| <b>Oribacterium</b>                               |              |           |        |
| Oribacterium asaccharolyticum                     | 1            |           | neu    |
| Oribacterium parvum                               | 1            |           | neu    |
| Oribacterium sinus                                | 1            | +         |        |
| <b>Oribaculum → Porphyromonas</b>                 |              |           |        |
| Oribaculum catoniae → Porphyromonas catoniae      |              |           |        |
| <b>Oricola</b>                                    |              |           |        |
| Oricola cellulositytica                           | 1            |           | neu    |
| <b>Orientia</b>                                   |              |           |        |
| Orientia tsutsugamushi (Rickettsia tsutsugamushi) | 3            | Z         |        |
| <b>Ornatilinea</b>                                |              |           |        |
| Ornatilinea apprima                               | 1            |           |        |
| <b>Ornithinibacillus</b>                          |              |           |        |
| Ornithinibacillus bavariensis                     | 1            |           |        |
| Ornithinibacillus californiensis                  | 1            |           |        |
| Ornithinibacillus contaminans                     | 1            |           |        |
| Ornithinibacillus halophilus                      | 1            |           |        |

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| <i>Ornithinibacillus halotolerans</i>   | 1            |           |        |
| <i>Ornithinibacillus heyuanensis</i>    | 1            |           | neu    |
| <i>Ornithinibacillus scapharcae</i>     | 1            | n+        |        |
| <b>Ornithinibacter</b>                  |              |           |        |
| <i>Ornithinibacter aureus</i>           | 1            |           |        |
| <b>Ornithinicoccus</b>                  |              |           |        |
| <i>Ornithinicoccus halotolerans</i>     | 1            |           | neu    |
| <i>Ornithinicoccus hortensis</i>        | 1            |           |        |
| <b>Ornithinimicrobium</b>               |              |           |        |
| <i>Ornithinimicrobium algicola</i>      | 1            |           | neu    |
| <i>Ornithinimicrobium flavum</i>        | 1            |           | neu    |
| <i>Ornithinimicrobium humiphilum</i>    | 1            |           |        |
| <i>Ornithinimicrobium kibberense</i>    | 1            |           |        |
| <i>Ornithinimicrobium murale</i>        | 1            |           |        |
| <i>Ornithinimicrobium pekingense</i>    | 1            |           |        |
| <i>Ornithinimicrobium tianjinense</i>   | 1            |           |        |
| <b>Ornithobacterium</b>                 |              |           |        |
| <i>Ornithobacterium rhinotracheale</i>  | 2            | t         |        |
| <b>Oryzihumus</b>                       |              |           |        |
| <i>Oryzihumus leptocrescens</i>         | 1            |           |        |
| <i>Oryzihumus soli</i>                  | 1            |           | neu    |
| <i>Oryzihumus terrae</i>                | 1            |           | neu    |
| <b>Oryzisolibacter</b>                  |              |           |        |
| <i>Oryzisolibacter propanilivorax</i>   | 1            |           | neu    |
| <b>Oryzobacter</b>                      |              |           |        |
| <i>Oryzobacter terrae</i>               | 1            |           | neu    |
| <b>Oryzomicrobium</b>                   |              |           |        |
| <i>Oryzomicrobium terrae</i>            | 1            |           | neu    |
| <b>Oscillibacter</b>                    |              |           |        |
| <i>Oscillibacter ruminantium</i>        | 1            |           |        |
| <i>Oscillibacter valericigenes</i>      | 1            |           |        |
| <b>Oscillochloris</b>                   |              |           |        |
| <i>Oscillochloris chrysea</i>           | 1            |           |        |
| <i>Oscillochloris trichoides</i>        | 1            |           |        |
| <b>Oscillospira</b>                     |              |           |        |
| <i>Oscillospira guilliermondi</i>       | 1            |           |        |
| <b>Otariodibacter</b>                   |              |           |        |
| <i>Otariodibacter oris</i>              | 1            |           |        |
| <b>Ottowia</b>                          |              |           |        |
| <i>Ottowia beijingensis</i>             | 1            |           |        |
| <i>Ottowia pentelensis</i>              | 1            |           |        |
| <i>Ottowia thiooxydans</i>              | 1            |           |        |
| <b>Owenweeksia</b>                      |              |           |        |
| <i>Owenweeksia hongkongensis</i>        | 1            |           |        |
| <b>Oxalicibacterium</b>                 |              |           |        |
| <i>Oxalicibacterium faecigallinarum</i> | 1            |           |        |

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|---|--------------|-----------|------------|
| <i>Oxalicibacterium flavum</i>  | 1            |           |            |
| <i>Oxalicibacterium horti</i>   | 1            |           |            |
| <i>Oxalicibacterium solurbis</i>  | 1            |           |            |
| <b>Oxalobacter</b>  |              |           |            |
| <i>Oxalobacter formigenes</i>   | 1            |           |            |
| <i>Oxalobacter vibrioformis</i>   | 1            |           |            |
| <b>Oxalophagus</b>  |              |           |            |
| <i>Oxalophagus oxalicus</i> ( <i>Clostridium oxalicum</i> )                         | 1            |           |            |
| <b>Oxobacter</b>  |              |           |            |
| <i>Oxobacter pfennigii</i> ( <i>Clostridium pfennigii</i> )                         | 1            |           |            |
| <b>Pacificibacter</b>   |              |           |            |
| <i>Pacificibacter aestuarii</i>   | 1            |           | neu        |
| <i>Pacificibacter marinus</i> ( <i>Roseovarius marinus</i> )                        | 1            |           | Umb.       |
| <i>Pacificibacter maritimus</i>   | 1            |           |            |
| <b>Pacificimonas</b>  |              |           |            |
| <i>Pacificimonas flava</i>  | 1            |           | neu        |
| <b>Paenalcaligenes</b>  |              |           |            |
| <i>Paenalcaligenes hermetiae</i>  | 1            |           |            |
| <i>Paenalcaligenes hominis</i>  | 1            | +         |            |
| <i>Paenalcaligenes suwonensis</i>   | 1            |           |            |
| <b>Paenarthrobacter</b>   |              |           |            |
| <i>Paenarthrobacter aurescens</i> ( <i>Arthrobacter aurescens</i> )                 | 1            | +         | Bem., Umb. |
| <i>Paenarthrobacter histidinovorans</i> ( <i>Arthrobacter histidinovorans</i> )     | 1            |           | Umb.       |
| <i>Paenarthrobacter ilicis</i> ( <i>Arthrobacter ilicis</i> )                       | 1            |           | Umb.       |
| <i>Paenarthrobacter nicotinovorans</i> ( <i>Arthrobacter nicotinovorans</i> )       | 1            |           | Umb.       |
| <i>Paenarthrobacter nitroguajacolicus</i> ( <i>Arthrobacter nitroguajacolicus</i> ) | 1            |           | Umb.       |
| <i>Paenarthrobacter ureafaciens</i> ( <i>Arthrobacter ureafaciens</i> )             | 1            |           | Umb.       |
| <b>Paenibacillus</b>  |              |           |            |
| <i>Paenibacillus abyssi</i>   | 1            |           | neu        |
| <i>Paenibacillus aceris</i>   | 1            |           | neu        |
| <i>Paenibacillus aceti</i>  | 1            |           | neu        |
| <i>Paenibacillus aestuarii</i>  | 1            |           |            |
| <i>Paenibacillus agarexedens</i>  | 1            |           |            |
| <i>Paenibacillus agaridevorans</i>  | 1            |           |            |
| <i>Paenibacillus ailaonensis</i>  | 1            |           |            |
| <i>Paenibacillus albidus</i>  | 1            |           | neu        |
| <i>Paenibacillus alginolyticus</i> ( <i>Bacillus alginolyticus</i> )                | 1            |           |            |
| <i>Paenibacillus algorifonticola</i>  | 1            |           |            |
| <i>Paenibacillus alkaliterrae</i>   | 1            |           |            |
| <i>Paenibacillus alvei</i> ( <i>Bacillus alvei</i> )                                | 1            | +, n      |            |
| <i>Paenibacillus amylolyticus</i> ( <i>Bacillus amylolyticus</i> )                  | 1            |           |            |
| <i>Paenibacillus anaericanus</i>  | 1            |           |            |
| <i>Paenibacillus antarcticus</i>  | 1            |           |            |

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|--|--------------|-----------|--------|
| Paenibacillus apiarius                                   | 1            |           |        |
| Paenibacillus apis                                       | 1            |           | neu    |
| Paenibacillus aquistagni                                 | 1            |           | neu    |
| Paenibacillus arachidis                                  | 1            |           | neu    |
| Paenibacillus arcticus                                   | 1            |           | neu    |
| Paenibacillus assamensis                                 | 1            |           |        |
| Paenibacillus aurantiacus                                | 1            |           | neu    |
| Paenibacillus azoreducens                                | 1            |           |        |
| Paenibacillus azotifigens                                | 1            |           | neu    |
| Paenibacillus azotofixans – synonym: Paenibacillus durus |              |           |        |
| Paenibacillus baekrokdamisoli                            | 1            |           | neu    |
| Paenibacillus barcinonensis                              | 1            |           |        |
| Paenibacillus barengoltzii                               | 1            |           |        |
| Paenibacillus borealis                                   | 1            |           |        |
| Paenibacillus bovis                                      | 1            |           | neu    |
| Paenibacillus brasiliensis                               | 1            |           |        |
| Paenibacillus camelliae                                  | 1            |           |        |
| Paenibacillus campinasensis                              | 1            |           |        |
| Paenibacillus castaneae                                  | 1            |           |        |
| Paenibacillus catalpae                                   | 1            |           |        |
| Paenibacillus cathormii                                  | 1            |           | neu    |
| Paenibacillus cavernae                                   | 1            |           | neu    |
| Paenibacillus cellulosilyticus                           | 1            |           |        |
| Paenibacillus cellulositrophicus                         | 1            |           |        |
| Paenibacillus chartarius                                 | 1            |           |        |
| Paenibacillus chibensis                                  | 1            |           |        |
| Paenibacillus chinjuensis                                | 1            |           |        |
| Paenibacillus chironomi                                  | 1            |           |        |
| Paenibacillus chitinolyticus (Bacillus chitinolyticus)   | 1            |           |        |
| Paenibacillus chondroitinus (Bacillus chondroitinus)     | 1            |           |        |
| Paenibacillus chungangensis                              | 1            |           |        |
| Paenibacillus cineris                                    | 1            |           |        |
| Paenibacillus cisolokensis                               | 1            |           | neu    |
| Paenibacillus contaminans                                | 1            |           |        |
| Paenibacillus cookii                                     | 1            |           |        |
| Paenibacillus crassostreae                               | 1            |           | neu    |
| Paenibacillus cucumis                                    | 1            |           | neu    |
| Paenibacillus curdlanolyticus (Bacillus curdlanolyticus) | 1            |           |        |
| Paenibacillus daejeonensis                               | 1            |           |        |
| Paenibacillus darwinianus                                | 1            |           |        |
| Paenibacillus dauci                                      | 1            |           | neu    |
| Paenibacillus dendritiformis                             | 1            |           |        |
| Paenibacillus dongdonensis                               | 1            |           | neu    |
| Paenibacillus doosanensis                                | 1            |           |        |

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|---|--------------|-----------|--------|
| Paenibacillus durus   | 1            |           |        |
| Paenibacillus edaphicus (Bacillus edaphicus)                    | 1            |           |        |
| Paenibacillus ehimensis (Bacillus ehimensis)                    | 1            |           |        |
| Paenibacillus elgii   | 1            |           |        |
| Paenibacillus endophyticus                                      | 1            |           |        |
| Paenibacillus etheri  | 1            |           | neu    |
| Paenibacillus eucommiae   | 1            |           | neu    |
| Paenibacillus faecis  | 1            |           | neu    |
| Paenibacillus favisporus  | 1            |           |        |
| Paenibacillus ferrarius   | 1            |           | neu    |
| Paenibacillus filicis   | 1            |           |        |
| Paenibacillus fonticola   | 1            |           |        |
| Paenibacillus forsythiae  | 1            |           |        |
| Paenibacillus frigorigerens                                     | 1            |           |        |
| Paenibacillus gansuensis  | 1            |           |        |
| Paenibacillus gelatinilyticus                                   | 1            |           | neu    |
| Paenibacillus ginsengarvi                                       | 1            |           |        |
| Paenibacillus ginsengihumi                                      | 1            |           |        |
| Paenibacillus ginsengisoli – synonym: Paenibacillus anaericanus |              |           |        |
| Paenibacillus glacialis   | 1            |           |        |
| Paenibacillus glucanolyticus (Bacillus glucanolyticus)          | 1            |           |        |
| Paenibacillus glycanilyticus                                    | 1            |           |        |
| Paenibacillus gordonae – synonym: Paenibacillus validus         |              |           |        |
| Paenibacillus graminis  | 1            |           |        |
| Paenibacillus granivorans                                       | 1            |           |        |
| Paenibacillus guangzhouensis                                    | 1            |           | neu    |
| Paenibacillus harenae   | 1            |           |        |
| Paenibacillus hemerocallicola                                   | 1            |           | neu    |
| Paenibacillus hispanicus  | 1            |           | neu    |
| Paenibacillus hodogayensis                                      | 1            |           |        |
| Paenibacillus hordei  | 1            |           |        |
| Paenibacillus humicus   | 1            |           |        |
| Paenibacillus hunanensis  | 1            |           |        |
| Paenibacillus ihumii  | 1            |           | neu    |
| Paenibacillus illinoisensis                                     | 1            |           |        |
| Paenibacillus intestini   | 1            |           | neu    |
| Paenibacillus jamilae   | 1            |           |        |
| Paenibacillus jilunlii  | 1            |           |        |
| Paenibacillus kobensis (Bacillus kobensis)                      | 1            |           |        |
| Paenibacillus koleovorans                                       | 1            |           |        |
| Paenibacillus konkukensis                                       | 1            |           | neu    |
| Paenibacillus konsidensis                                       | 1            | +         |        |
| Paenibacillus koreensis   | 1            |           |        |
| Paenibacillus kribbensis  | 1            |           |        |
| Paenibacillus kyungheensis                                      | 1            |           | neu    |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| Paenibacillus lactis  | 1            |           |        |
| Paenibacillus lacus   | 1            |           | neu    |
| Paenibacillus larvae (Bacillus larvae, Paenibacillus larvae subsp. larvae, Bacillus pulvifaciens, Paenibacillus pulvifaciens, Paenibacillus larvae subsp. pulvifaciens) | 1            | +, n2     |        |
| Paenibacillus larvae subsp. larvae (Bacillus larvae) → Paenibacillus larvae   |              |           |        |
| Paenibacillus larvae subsp. pulvifaciens (Bacillus pulvifaciens, Paenibacillus pulvifaciens) → Paenibacillus larvae   |              |           |        |
| Paenibacillus lautus (Bacillus lautus)  | 1            |           |        |
| Paenibacillus lemnae  | 1            |           | neu    |
| Paenibacillus lentimorbus (Bacillus lentimorbus)  | 1            | n         |        |
| Paenibacillus lentus  | 1            |           |        |
| Paenibacillus liaoningensis   | 1            |           | neu    |
| Paenibacillus limicola  | 1            |           | neu    |
| Paenibacillus lupini  | 1            |           | neu    |
| Paenibacillus macerans (Bacillus macerans)  | 1            | +         |        |
| Paenibacillus macquariensis (Bacillus macquariensis) → Paenibacillus macquariensis subsp. macquariensis   | 1            |           |        |
| Paenibacillus macquariensis subsp. defensor   | 1            |           |        |
| Paenibacillus macquariensis subsp. macquariensis (Bacillus macquariensis, Paenibacillus macquariensis)  | 1            |           |        |
| Paenibacillus marchantiophytorum  | 1            |           | neu    |
| Paenibacillus marinisediminis   | 1            |           | neu    |
| Paenibacillus massiliensis  | 1            | +         |        |
| Paenibacillus medicaginis   | 1            |           | neu    |
| Paenibacillus mendelii  | 1            |           |        |
| Paenibacillus methanolicus  | 1            |           | neu    |
| Paenibacillus montaniterrae   | 1            |           |        |
| Paenibacillus motobuensis   | 1            |           |        |
| Paenibacillus mucilaginosus (Bacillus mucilaginosus)  | 1            |           |        |
| Paenibacillus nanensis  | 1            |           |        |
| Paenibacillus naphthalenovorans   | 1            |           |        |
| Paenibacillus nasutitermitis  | 1            |           | neu    |
| Paenibacillus nebraskensis  | 1            |           | neu    |
| Paenibacillus nematophilus  | 1            | n         |        |
| Paenibacillus nicotianae  | 1            |           | neu    |
| Paenibacillus oceanisediminis   | 1            |           |        |
| Paenibacillus odorifer  | 1            |           |        |
| Paenibacillus oenotherae  | 1            |           | neu    |
| Paenibacillus oryzae  | 1            |           | neu    |
| Paenibacillus pabuli (Bacillus pabuli)  | 1            |           |        |
| Paenibacillus panacisoli  | 1            |           |        |
| Paenibacillus panaciterrae  | 1            |           | neu    |
| Paenibacillus pasadenensis  | 1            |           |        |



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|---|--------------|-----------|--------|
| Paenibacillus pectinilyticus                      | 1            |           |        |
| Paenibacillus peoriae (Bacillus peoriae)          | 1            |           |        |
| Paenibacillus periandrae                          | 1            |           | neu    |
| Paenibacillus phoenicis                           | 1            |           |        |
| Paenibacillus phyllosphaerae                      | 1            |           |        |
| Paenibacillus physcomitrellae                     | 1            |           | neu    |
| Paenibacillus pinesoli → Paenibacillus pinisoli   |              |           | Korr.  |
| Paenibacillus pini                                | 1            |           |        |
| Paenibacillus pinihumi                            | 1            |           |        |
| Paenibacillus pinisoli (Paenibacillus pinesoli)   | 1            |           | neu    |
| Paenibacillus pocheonensis                        | 1            |           |        |
| Paenibacillus polymyxa (Bacillus polymyxa)        | 1            |           |        |
| Paenibacillus polysaccharolyticus                 | 1            |           | neu    |
| Paenibacillus popilliae (Bacillus popilliae)      | 1            | n         |        |
| Paenibacillus populi                              | 1            |           | neu    |
| Paenibacillus profundus                           | 1            |           |        |
| Paenibacillus prosopidis                          | 1            |           |        |
| Paenibacillus provencensis                        | 1            | +         |        |
| Paenibacillus pueri                               | 1            |           |        |
| Paenibacillus puldeungensis                       | 1            |           |        |
| Paenibacillus pulvifaciens → Paenibacillus larvae |              |           |        |
| Paenibacillus purispatii                          | 1            |           |        |
| Paenibacillus qingshengii                         | 1            |           | neu    |
| Paenibacillus qinlingensis                        | 1            |           | neu    |
| Paenibacillus quercus                             | 1            |           | neu    |
| Paenibacillus radicis                             | 1            |           | neu    |
| Paenibacillus relictisesami                       | 1            |           |        |
| Paenibacillus residui                             | 1            |           |        |
| Paenibacillus rhizoplanae                         | 1            |           | neu    |
| Paenibacillus rhizoryzae                          | 1            |           | neu    |
| Paenibacillus rhizosphaerae                       | 1            |           |        |
| Paenibacillus rigui                               | 1            |           |        |
| Paenibacillus riograndensis                       | 1            |           |        |
| Paenibacillus ripae                               | 1            |           | neu    |
| Paenibacillus sabiniae                            | 1            |           |        |
| Paenibacillus sacheonensis                        | 1            |           |        |
| Paenibacillus salinicaeni                         | 1            |           | neu    |
| Paenibacillus sanguinis                           | 1            | +         |        |
| Paenibacillus sediminis                           | 1            |           |        |
| Paenibacillus segetis                             | 1            |           | neu    |
| Paenibacillus selenii                             | 1            |           | neu    |
| Paenibacillus selenitireducens                    | 1            |           |        |
| Paenibacillus senegalensis                        | 1            |           | neu    |
| Paenibacillus septentrionalis                     | 1            |           |        |
| Paenibacillus sepulcri                            | 1            |           |        |
| Paenibacillus shenyangensis                       | 1            |           | neu    |

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|--|--------------|-----------|--------|
| Paenibacillus shirakamiensis                             | 1            |           |        |
| Paenibacillus shunpengii                                 | 1            |           | neu    |
| Paenibacillus siamensis                                  | 1            |           |        |
| Paenibacillus silagei                                    | 1            |           | neu    |
| Paenibacillus silvae                                     | 1            |           | neu    |
| Paenibacillus sinopodophylli                             | 1            |           | neu    |
| Paenibacillus solanacearum                               | 1            |           | neu    |
| Paenibacillus solani                                     | 1            |           | neu    |
| Paenibacillus soli                                       | 1            |           |        |
| Paenibacillus sonchi                                     | 1            |           |        |
| Paenibacillus sophorae                                   | 1            |           |        |
| Paenibacillus sputi                                      | 1            | +         |        |
| Paenibacillus stellifer                                  | 1            |           |        |
| Paenibacillus susongensis                                | 1            |           | neu    |
| Paenibacillus swuensis                                   | 1            |           | neu    |
| Paenibacillus taichungensis                              | 1            |           |        |
| Paenibacillus taihuensis                                 | 1            |           |        |
| Paenibacillus taiwanensis                                | 1            |           |        |
| Paenibacillus tarimensis                                 | 1            |           |        |
| Paenibacillus telluris                                   | 1            |           |        |
| Paenibacillus terrae                                     | 1            |           |        |
| Paenibacillus terreus                                    | 1            |           | neu    |
| Paenibacillus terrigena                                  | 1            |           |        |
| Paenibacillus thailandensis                              | 1            |           |        |
| Paenibacillus thermoaerophilus                           | 1            |           |        |
| Paenibacillus thermophilus                               | 1            |           |        |
| Paenibacillus thiaminolyticus (Bacillus thiaminolyticus) | 1            | +         |        |
| Paenibacillus tianmuensis                                | 1            |           |        |
| Paenibacillus tibetensis                                 | 1            |           | neu    |
| Paenibacillus timonensis                                 | 1            | +         |        |
| Paenibacillus tritici                                    | 1            |           | neu    |
| Paenibacillus tundrae                                    | 1            |           |        |
| Paenibacillus turicensis                                 | 1            |           |        |
| Paenibacillus typhae                                     | 1            |           |        |
| Paenibacillus uliginis                                   | 1            |           |        |
| Paenibacillus urinalis                                   | 1            | +         |        |
| Paenibacillus validus (Bacillus validus)                 | 1            |           |        |
| Paenibacillus vini                                       | 1            |           | neu    |
| Paenibacillus vulneris                                   | 1            |           |        |
| Paenibacillus wenxiniae                                  | 1            |           | neu    |
| Paenibacillus wooonensis                                 | 1            |           |        |
| Paenibacillus woosongensis                               | 1            |           |        |
| Paenibacillus wulumuqiensis                              | 1            |           | neu    |
| Paenibacillus wynnii                                     | 1            |           |        |
| Paenibacillus xanthanilyticus                            | 1            |           | neu    |
| Paenibacillus xanthinilyticus                            | 1            |           | neu    |

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| <i>Paenibacillus xinjiangensis</i>  | 1            |           |        |
| <i>Paenibacillus xylanexedens</i>   | 1            |           |        |
| <i>Paenibacillus xylanilyticus</i>  | 1            |           |        |
| <i>Paenibacillus xylanisolvens</i>  | 1            |           |        |
| <i>Paenibacillus yonginensis</i>  | 1            |           | neu    |
| <i>Paenibacillus yunnanensis</i>  | 1            |           | neu    |
| <i>Paenibacillus zanthoxyli</i>   | 1            |           |        |
| <i>Paenibacillus zeae</i>   | 1            |           | neu    |
| <b>Paeniclostridium</b>   |              |           |        |
| <i>Paeniclostridium ghonii</i> ( <i>Clostridium ghonii</i> , <i>Clostridium ghoii</i> ) | 2            |           | Umb.   |
| <i>Paeniclostridium sordellii</i> ( <i>Clostridium sordellii</i> )                      | 2            | ht        | Umb.   |
| <b>Paeniglutamicibacter</b>   |              |           |        |
| <i>Paeniglutamicibacter antarcticus</i> ( <i>Arthrobacter antarcticus</i> )             | 1            |           | Umb.   |
| <i>Paeniglutamicibacter cryotolerans</i> ( <i>Arthrobacter cryotolerans</i> )           | 1            |           | Umb.   |
| <i>Paeniglutamicibacter gangotriensis</i> ( <i>Arthrobacter gangotriensis</i> )         | 1            |           | Umb.   |
| <i>Paeniglutamicibacter kerguelensis</i> ( <i>Arthrobacter kerguelensis</i> )           | 1            |           | Umb.   |
| <i>Paeniglutamicibacter psychrophenicus</i> ( <i>Arthrobacter psychrophenicus</i> )     | 1            |           | Umb.   |
| <i>Paeniglutamicibacter sulfureus</i> ( <i>Arthrobacter sulfureus</i> )                 | 1            |           | Umb.   |
| <b>Paenirhodobacter</b>   |              |           |        |
| <i>Paenirhodobacter enshiensis</i>  | 1            |           |        |
| <b>Paenisporosarcina</b>  |              |           |        |
| <i>Paenisporosarcina antarctica</i> ( <i>Sporosarcina antarctica</i> )                  | 1            |           |        |
| <i>Paenisporosarcina indica</i>   | 1            |           |        |
| <i>Paenisporosarcina macmurdoensis</i> ( <i>Sporosarcina macmurdoensis</i> )            | 1            |           |        |
| <i>Paenisporosarcina quisquiliarum</i>  | 1            |           |        |
| <b>Paenochrobactrum</b>   |              |           |        |
| <i>Paenochrobactrum gallinarii</i>  | 1            |           |        |
| <i>Paenochrobactrum glaciei</i> ( <i>Pseudochrobactrum glaciei</i> )                    | 1            |           |        |
| <i>Paenochrobactrum pullorum</i>  | 1            |           |        |
| <b>Palaeococcus</b>   |              |           |        |
| <i>Palaeococcus ferrophilus</i>   | 1            |           |        |
| <i>Palaeococcus helgesonii</i>  | 1            |           |        |
| <i>Palaeococcus pacificus</i>   | 1            |           |        |
| <b>Palleronia</b>   |              |           |        |
| <i>Palleronia abyssalis</i>   | 1            |           | neu    |
| <i>Palleronia marisminoris</i>  | 1            |           |        |
| <i>Palleronia soli</i>  | 1            |           | neu    |
| <b>Paludibacter</b>   |              |           |        |
| <i>Paludibacter jiangxiensis</i>  | 1            |           | neu    |
| <i>Paludibacter propionigenes</i>   | 1            |           |        |
| <b>Paludibacterium</b>  |              |           |        |

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|---|--------------|-----------|--------|
| Paludibacterium paludis   | 1            |           | neu    |
| Paludibacterium purpuratum                                      | 1            |           | neu    |
| Paludibacterium yongneupense                                    | 1            |           |        |
| <b>Paludibaculum</b>  |              |           |        |
| Paludibaculum fermentans  | 1            |           | neu    |
| <b>Paludicola</b>   |              |           |        |
| Paludicola psychrotolerans                                      | 1            |           | neu    |
| <b>Paludifilum</b>  |              |           |        |
| Paludifilum halophilum  | 1            |           | neu    |
| <b>Paludisphaera</b>  |              |           |        |
| Paludisphaera borealis  | 1            |           | neu    |
| <b>Panacagrimonas</b>   |              |           |        |
| Panacagrimonas perspica   | 1            |           |        |
| <b>Panacibacter</b>   |              |           |        |
| Panacibacter ginsenosidivorans                                  | 1            |           | neu    |
| <b>Pandoraea</b>  |              |           |        |
| Pandoraea apista  | 2            |           |        |
| Pandoraea faecigallinarum                                       | 1            |           |        |
| Pandoraea norimbergensis (Burkholderia norimbergensis)          | 1            | +         |        |
| Pandoraea oxalativorans   | 1            |           |        |
| Pandoraea pnomenusa   | 2            |           |        |
| Pandoraea pulmonicola   | 2            |           |        |
| Pandoraea sputorum  | 2            |           |        |
| Pandoraea terrae  | 1            |           | neu    |
| Pandoraea thiooxydans   | 1            |           |        |
| Pandoraea vervacti  | 1            |           |        |
| <b>Pannonibacter</b>  |              |           |        |
| Pannonibacter indica  | 1            |           |        |
| Pannonibacter phragmitetus                                      | 1            |           |        |
| <b>Pantoea</b>  |              |           |        |
| Pantoea agglomerans (Enterobacter agglomerans)                  | 2            |           |        |
| Pantoea allii   | 1            | p         |        |
| Pantoea ananatis (Erwinia ananas)                               | 1            | p         |        |
| Pantoea anthophila  | 1            | p+        |        |
| Pantoea brenneri  | 2            |           |        |
| Pantoea calida  | 1            | +         | Bem.   |
| Pantoea citrea → Tatumella citrea                               |              |           |        |
| Pantoea coffeiphila   | 1            | p+        | neu    |
| Pantoea conspicua   | 1            | +         |        |
| Pantoea cyripedii (Pectobacterium cyripedii, Erwinia cyripedii) | 1            | p         |        |
| Pantoea dispersa  | 1            | +         |        |
| Pantoea eucalypti   | 1            | p         |        |
| Pantoea eucrina   | 2            |           |        |
| Pantoea gaviniae  | 1            |           |        |
| Pantoea intestinalis  | 1            |           | neu    |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| <i>Pantoea punctata</i> → <i>Tatumella punctata</i>                           |              |           |        |
| <i>Pantoea rodasii</i>  | 1            | p         |        |
| <i>Pantoea rwandensis</i>   | 1            | p         |        |
| <i>Pantoea septica</i>  | 2            |           |        |
| <i>Pantoea stewartii</i> subsp. <i>indologenes</i>                            | 1            | p         |        |
| <i>Pantoea stewartii</i> subsp. <i>stewartii</i> ( <i>Erwinia stewartii</i> ) | 1            | p2        |        |
| <i>Pantoea terrea</i> → <i>Tatumella terrea</i>                               |              |           |        |
| <i>Pantoea theicola</i>   | 1            |           | neu    |
| <i>Pantoea vagans</i>   | 1            | p         |        |
| <i>Pantoea wallisii</i>   | 1            | p         |        |
| <b>Papillibacter</b>  |              |           |        |
| <i>Papillibacter cinnamivorans</i>  | 1            |           |        |
| <b>Parabacteroides</b>  |              |           |        |
| <i>Parabacteroides chartae</i>  | 1            |           | neu    |
| <i>Parabacteroides chinchillae</i>  | 1            |           |        |
| <i>Parabacteroides distasonis</i> ( <i>Bacteroides distasonis</i> )           | 2            |           |        |
| <i>Parabacteroides faecis</i>   | 1            |           | neu    |
| <i>Parabacteroides goldsteinii</i> ( <i>Bacteroides goldsteinii</i> )         | 2            |           |        |
| <i>Parabacteroides gordonii</i>   | 2            |           |        |
| <i>Parabacteroides johnsonii</i>  | 1            |           | neu    |
| <i>Parabacteroides merdae</i> ( <i>Bacteroides merdae</i> )                   | 1            | +         |        |
| <b>Parablastomonas</b>  |              |           |        |
| <i>Parablastomonas arctica</i>  | 1            |           | neu    |
| <b>Paraburkholderia</b>   |              |           |        |
| <i>Paraburkholderia acidipaludis</i> ( <i>Burkholderia acidipaludis</i> )     | 1            |           | Umb.   |
| <i>Paraburkholderia andropogonis</i> → <i>Robbsia andropogonis</i>            |              |           | Umb.   |
| <i>Paraburkholderia aspalathi</i> ( <i>Burkholderia aspalathi</i> )           | 1            |           | Umb.   |
| <i>Paraburkholderia azotifigens</i>   | 1            |           | neu    |
| <i>Paraburkholderia bannensis</i> ( <i>Burkholderia bannensis</i> )           | 1            |           | Umb.   |
| <i>Paraburkholderia bryophila</i> ( <i>Burkholderia bryophila</i> )           | 1            |           | Umb.   |
| <i>Paraburkholderia caballeronis</i> ( <i>Burkholderia caballeronis</i> )     | 1            |           | Umb.   |
| <i>Paraburkholderia caffeinilytica</i>  | 1            |           | neu    |
| <i>Paraburkholderia caledonica</i> ( <i>Burkholderia caledonica</i> )         | 1            |           | Umb.   |
| <i>Paraburkholderia caribensis</i> ( <i>Burkholderia caribensis</i> )         | 1            |           | Umb.   |
| <i>Paraburkholderia caryophylli</i> ( <i>Burkholderia caryophylli</i> )       | 1            | p2        | Umb.   |
| <i>Paraburkholderia choica</i> → <i>Caballeronia choica</i>                   |              |           | Umb.   |
| <i>Paraburkholderia denitrificans</i> ( <i>Burkholderia denitrificans</i> )   | 1            |           | Umb.   |
| <i>Paraburkholderia diazotrophica</i> ( <i>Burkholderia diazotrophica</i> )   | 1            |           | Umb.   |

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|--|--------------|-----------|-----------|
| Paraburkholderia dilworthii (Burkholderia dilworthii)  | 1            |           | Umb.      |
| Paraburkholderia dipogonis (Burkholderia dipogonis)  | 1            |           | Umb.      |
| Paraburkholderia eburnea (Burkholderia eburnea)  | 1            |           | Umb.      |
| Paraburkholderia endofungorum (Burkholderia endofungorum)  | 1            | T         | Umb.      |
| Paraburkholderia ferrariae (Burkholderia ferrariae)  | 1            |           | Umb.      |
| Paraburkholderia fungorum (Burkholderia fungorum)  | 1            | +         | Umb.      |
| Paraburkholderia ginsengisoli (Burkholderia ginsengisoli)  | 1            |           | Umb.      |
| Paraburkholderia ginsengiterrae (Burkholderia ginsengiterrae)  | 1            |           | Umb.      |
| Paraburkholderia glathei → Caballeronia glathei  |              |           | Umb.      |
| Paraburkholderia graminis (Burkholderia graminis)  | 1            |           | Umb.      |
| Paraburkholderia grimmiae → Caballeronia grimmiae  |              |           | Umb.      |
| Paraburkholderia heleia (Burkholderia heleia)  | 1            |           | Umb.      |
| Paraburkholderia hiiakae   | 1            |           | neu       |
| Paraburkholderia hospita (Burkholderia hospita)  | 1            |           | Umb.      |
| Paraburkholderia humi → Caballeronia humi  |              |           | Umb.      |
| Paraburkholderia humisilvae (Burkholderia humisilvae)  | 1            |           | Umb.      |
| Paraburkholderia insulsa (Burkholderia insulsa)  | 1            |           | Umb.      |
| Paraburkholderia jirisanensis (Burkholderia jirisanensis)  | 1            |           | neu, Umb. |
| Paraburkholderia kirstenboschensis (Burkholderia kirstenboschensis)  | 1            |           | Umb.      |
| Paraburkholderia kururiensis (Burkholderia kururiensis)  | 1            |           | Umb.      |
| Paraburkholderia megapolitana (Burkholderia megapolitana)  | 1            |           | Umb.      |
| Paraburkholderia metalliresistens (Burkholderia metalliresistens)  | 1            |           | Umb.      |
| Paraburkholderia metrosideri   | 1            |           | neu       |
| Paraburkholderia mimosarum (Burkholderia mimosarum)  | 1            |           | Umb.      |
| Paraburkholderia monticola (Burkholderia monticola)  | 1            |           | Umb.      |
| Paraburkholderia nodosa (Burkholderia nodosa)  | 1            |           | Umb.      |
| Paraburkholderia oxyphila (Burkholderia oxyphila)  | 1            |           | Umb.      |
| Paraburkholderia pallidirosea  | 1            |           | neu       |
| Paraburkholderia panaciterrae (Burkholderia panaciterrae) – synonym: Paraburkholderia ginsengiterrae (Burkholderia ginsengiterrae) |              |           | Umb.      |
| Paraburkholderia paradisi  | 1            |           | neu       |
| Paraburkholderia peleae  | 1            |           | neu       |
| Paraburkholderia phenazinium (Burkholderia phenazinium)  | 1            |           | Umb.      |
| Paraburkholderia phenoliruptrix (Burkholderia phenoliruptrix)  | 1            |           | Umb.      |

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|---|--------------|-----------|--------|
| Paraburkholderia phymatum (Burkholderia phymatum)           | 1            |           | Umb.   |
| Paraburkholderia phytofirmans (Burkholderia phytofirmans)   | 1            |           | Umb.   |
| Paraburkholderia piptadeniae                                | 1            |           | neu    |
| Paraburkholderia rhizosphaerae (Burkholderia rhizosphaerae) | 1            |           | Umb.   |
| Paraburkholderia rhizoxinica (Burkholderia rhizoxinica)     | 1            | T         | Umb.   |
| Paraburkholderia rhynchosiae (Burkholderia rhynchosiae)     | 1            |           | Umb.   |
| Paraburkholderia ribeironis                                 | 1            |           | neu    |
| Paraburkholderia sabiae (Burkholderia sabiae)               | 1            |           | Umb.   |
| Paraburkholderia sacchari (Burkholderia sacchari)           | 1            |           | Umb.   |
| Paraburkholderia sartisoli (Burkholderia sartisoli)         | 1            |           | Umb.   |
| Paraburkholderia sediminicola (Burkholderia sediminicola)   | 1            |           | Umb.   |
| Paraburkholderia silvatlantica (Burkholderia silvatlantica) | 1            |           | Umb.   |
| Paraburkholderia soli (Burkholderia soli)                   | 1            |           | Umb.   |
| Paraburkholderia solisilvae (Burkholderia solisilvae)       | 1            |           | Umb.   |
| Paraburkholderia sordidicola → Caballeronia sordidicola     |              |           | Umb.   |
| Paraburkholderia spreintiae (Burkholderia spreintiae)       | 1            |           | Umb.   |
| Paraburkholderia susongensis (Burkholderia susongensis)     | 1            |           | Umb.   |
| Paraburkholderia symbiotica (Burkholderia symbiotica)       | 1            |           | Umb.   |
| Paraburkholderia telluris → Caballeronia telluris           |              |           | Umb.   |
| Paraburkholderia terrae (Burkholderia terrae)               | 1            |           | Umb.   |
| Paraburkholderia terrestris → Caballeronia terrestris       |              |           | Umb.   |
| Paraburkholderia terricola (Burkholderia terricola)         | 1            |           | Umb.   |
| Paraburkholderia tropica (Burkholderia tropica)             | 1            |           | Umb.   |
| Paraburkholderia tuberum (Burkholderia tuberum)             | 1            |           | Umb.   |
| Paraburkholderia udeis → Caballeronia udeis                 |              |           | Umb.   |
| Paraburkholderia unamae (Burkholderia unamae)               | 1            |           | Umb.   |
| Paraburkholderia xenovorans (Burkholderia xenovorans)       | 1            |           | Umb.   |
| Paraburkholderia zhejiangensis → Caballeronia zhejiangensis |              |           | Umb.   |
| <b>Paracandidimonas</b>                                     |              |           |        |
| Paracandidimonas soli                                       | 1            |           | neu    |
| <b>Parachlamydia</b>  |              |           |        |
| Parachlamydia acanthamoebae                                 | 1            | +         |        |
| <b>Paraclostridium</b>                                      |              |           |        |
| Paraclostridium benzoelyticum                               | 1            |           | neu    |
| Paraclostridium bifermentans (Clostridium bifermentans)     | 2            | ht        | Umb.   |
| <b>Paracoccus</b>   |              |           |        |

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|---|--------------|-----------|--------|
| Paracoccus acridae  | 1            |           | Neu    |
| Paracoccus aerius   | 1            |           | Neu    |
| Paracoccus aestuarii  | 1            |           |        |
| Paracoccus aestuariivivens                                      | 1            |           | neu    |
| Paracoccus alcaliphilus   | 1            |           |        |
| Paracoccus alkenifer  | 1            |           |        |
| Paracoccus aminophilus  | 1            |           |        |
| Paracoccus aminovorans  | 1            |           |        |
| Paracoccus angustae   | 1            |           | neu    |
| Paracoccus bengalensis  | 1            |           |        |
| Paracoccus caeni  | 1            |           |        |
| Paracoccus carotinifaciens                                      | 1            |           |        |
| Paracoccus cavernae   | 1            |           | neu    |
| Paracoccus chinensis  | 1            |           |        |
| Paracoccus communis   | 1            |           |        |
| Paracoccus contaminans  | 1            |           | neu    |
| Paracoccus denitrificans  | 1            |           |        |
| Paracoccus fistulariae  | 1            |           |        |
| Paracoccus haeundaensis   | 1            |           |        |
| Paracoccus halodenitrificans → Halomonas halo-<br>denitrificans |              |           |        |
| Paracoccus halophilus   | 1            |           |        |
| Paracoccus hibisci  | 1            |           | neu    |
| Paracoccus hibiscisoli  | 1            |           | neu    |
| Paracoccus homiensis  | 1            |           |        |
| Paracoccus huijuniae  | 1            |           |        |
| Paracoccus isoporaе   | 1            |           |        |
| Paracoccus kocurii  | 1            |           |        |
| Paracoccus kondratievae   | 1            |           |        |
| Paracoccus koreensis  | 1            |           |        |
| Paracoccus laeviglucoѕivorans                                   | 1            |           | neu    |
| Paracoccus limosus  | 1            |           |        |
| Paracoccus litorisediminis                                      | 1            |           | neu    |
| Paracoccus lutimaris  | 1            |           | neu    |
| Paracoccus mangrovi   | 1            |           | neu    |
| Paracoccus marcusii   | 1            |           |        |
| Paracoccus marinus  | 1            |           |        |
| Paracoccus methylutens  | 1            |           |        |
| Paracoccus niistensis   | 1            |           | neu    |
| Paracoccus pacificus  | 1            |           | neu    |
| Paracoccus panacisoli   | 1            |           | neu    |
| Paracoccus pantotrophus (Thiosphaera pan-<br>totropha)          | 1            |           |        |
| Paracoccus rhizosphaerae  | 1            |           |        |
| Paracoccus saliphilus   | 1            |           |        |
| Paracoccus sanguinis  | 2            |           | neu    |
| Paracoccus sediminis  | 1            |           | neu    |



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|--|--------------|-----------|--------|
| <i>Paracoccus seriniphilus</i>   | 1            |           |        |
| <i>Paracoccus solventivorans</i>   | 1            |           |        |
| <i>Paracoccus sordidisoli</i>  | 1            |           | neu    |
| <i>Paracoccus sphaerophysae</i>  | 1            |           |        |
| <i>Paracoccus stylophorae</i>  | 1            |           |        |
| <i>Paracoccus sulfuroxidans</i>  | 1            |           |        |
| <i>Paracoccus thiocyanatus</i>   | 1            |           |        |
| <i>Paracoccus tibetensis</i>   | 1            |           |        |
| <i>Paracoccus versutus</i> ( <i>Thiobacillus versutus</i> , <i>Thiobacillus rapidicrescens</i> ) | 1            |           |        |
| <i>Paracoccus yeei</i>   | 2            |           |        |
| <i>Paracoccus zeaxanthinifaciens</i>   | 1            |           |        |
| <b>Paracraurococcus</b>  |              |           |        |
| <i>Paracraurococcus ruber</i>  | 1            |           |        |
| <b>Paradevosia</b>   |              |           |        |
| <i>Paradevosia shaoguanensis</i>   | 1            |           | neu    |
| <b>Paraeggerthella</b>   |              |           |        |
| <i>Paraeggerthella hongkongensis</i> ( <i>Eggerthella hongkongensis</i> )                        | 2            |           | Umb.   |
| <b>Paraferrimonas</b>  |              |           |        |
| <i>Paraferrimonas haliotis</i>   | 1            |           | neu    |
| <i>Paraferrimonas sedimenticola</i>  | 1            |           |        |
| <b>Parafilimonas</b>   |              |           |        |
| <i>Parafilimonas rhizosphaerae</i>   | 1            |           | neu    |
| <i>Parafilimonas terrae</i>  | 1            |           | neu    |
| <b>Parafrigoribacterium</b>  |              |           |        |
| <i>Parafrigoribacterium mesophilum</i> ( <i>Frigoribacterium mesophilum</i> )                    | 1            |           | Umb.   |
| <b>Paraglaciecola</b>  |              |           |        |
| <i>Paraglaciecola aestuariivivens</i>  | 1            |           | neu    |
| <i>Paraglaciecola agarilytica</i> ( <i>Glaciecola agarilytica</i> )                              | 1            |           | Umb.   |
| <i>Paraglaciecola aquimarina</i> ( <i>Glaciecola aquimarina</i> )                                | 1            |           | Umb.   |
| <i>Paraglaciecola arctica</i> ( <i>Glaciecola arctica</i> )                                      | 1            |           | Umb.   |
| <i>Paraglaciecola chathamensis</i> ( <i>Glaciecola chathamensis</i> )                            | 1            |           | Umb.   |
| <i>Paraglaciecola hydrolytica</i>  | 1            |           | neu    |
| <i>Paraglaciecola mesophila</i> ( <i>Glaciecola mesophila</i> )                                  | 1            |           | Umb.   |
| <i>Paraglaciecola oceanifecundans</i>  | 1            |           | neu    |
| <i>Paraglaciecola polaris</i> ( <i>Glaciecola polaris</i> )                                      | 1            |           | Umb.   |
| <i>Paraglaciecola psychrophila</i> ( <i>Glaciecola psychrophila</i> )                            | 1            |           | Umb.   |
| <b>Paraglycomyces</b>  |              |           |        |
| <i>Paraglycomyces xinjiangensis</i> – synonym: <i>Salininema proteolyticum</i>                   |              |           | Umb.   |
| <b>Parahaliea</b>  |              |           |        |
| <i>Parahaliea mediterranea</i> ( <i>Haliea mediterranea</i> )                                    | 1            |           | Umb.   |
| <b>Paraherbaspirillum</b>  |              |           |        |
| <i>Paraherbaspirillum soli</i>   | 1            |           |        |

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| <b>Paralactobacillus → Lactobacillus</b>                        |              |           |        |
| Paralactobacillus selangorensis → Lactobacillus selangorensis   |              |           |        |
| <b>Paralcaligenes</b>   |              |           |        |
| Paralcaligenes ureilyticus                                      | 1            |           |        |
| <b>Paraliobacillus</b>  |              |           |        |
| Paraliobacillus quinghaiensis                                   | 1            |           |        |
| Paraliobacillus ryukyensis                                      | 1            |           |        |
| Paraliobacillus sediminis                                       | 1            |           | neu    |
| <b>Paralkalibacillus</b>  |              |           |        |
| Paralkalibacillus indicireducens                                | 1            |           | neu    |
| <b>Paramaledivibacter</b>                                       |              |           |        |
| Paramaledivibacter caminithermalis (Clostridium caminithermale) | 1            |           | Umb.   |
| <b>Paramoritella</b>  |              |           |        |
| Paramoritella alkaliphila                                       | 1            |           |        |
| Paramoritella sediminis   | 1            |           |        |
| <b>Paraoerskovia</b>  |              |           |        |
| Paraoerskovia marina  | 1            |           |        |
| Paraoerskovia sedimnicola                                       | 1            |           |        |
| <b>Parapedobacter</b>   |              |           |        |
| Parapedobacter composti   | 1            |           |        |
| Parapedobacter defluvii   | 1            |           | neu    |
| Parapedobacter deserti  | 1            |           | neu    |
| Parapedobacter indicus  | 1            |           | neu    |
| Parapedobacter koreensis  | 1            |           |        |
| Parapedobacter luteus   | 1            |           |        |
| Parapedobacter lycopersici                                      | 1            |           | neu    |
| Parapedobacter pyrenivorans                                     | 1            |           |        |
| Parapedobacter soli   | 1            |           |        |
| <b>Paraperlucidibaca</b>  |              |           |        |
| Paraperlucidibaca baekdonensis                                  | 1            |           |        |
| Paraperlucidibaca wandonensis                                   | 1            |           |        |
| <b>Paraphaeobacter</b>  |              |           |        |
| Paraphaeobacter pallidus  | 1            |           | neu    |
| <b>Paraphotobacterium</b>                                       |              |           |        |
| Paraphotobacterium marinum                                      | 1            |           | neu    |
| <b>Paraprevotella</b>   |              |           |        |
| Paraprevotella clara  | 1            |           |        |
| Paraprevotella xylaniphila                                      | 1            |           |        |
| <b>Parapusillimonas</b>   |              |           |        |
| Parapusillimonas granuli  | 1            |           |        |
| <b>Pararhizobium</b>  |              |           |        |
| Pararhizobium antarcticum                                       | 1            |           | neu    |
| Pararhizobium capsulatum (Blastobacter capsulatus)              | 1            |           | Umb.   |
| Pararhizobium giardinii (Rhizobium giardinii)                   | 1            |           | Umb.   |
| Pararhizobium herbae (Rhizobium herbae)                         | 1            |           | Umb.   |

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|---|--------------|-----------|--------|
| Pararhizobium polonicum   | 1            |           | neu    |
| Pararhizobium sphaerophysae (Rhizobium sphaerophysae)           | 1            |           | Umb.   |
| <b>Pararhodobacter</b>  |              |           |        |
| Pararhodobacter aggregans                                       | 1            |           |        |
| <b>Pararhodospirillum</b>                                       |              |           |        |
| Pararhodospirillum oryzae (Rhodospirillum oryzae)               | 1            |           |        |
| Pararhodospirillum photometricum (Rhodospirillum photometricum) | 1            |           |        |
| Pararhodospirillum sulfurexigens (Rhodospirillum sulfurexigens) | 1            |           |        |
| <b>Parascardovia</b>  |              |           |        |
| Parascardovia denticolens (Bifidobacterium denticolens)         | 1            | +         |        |
| <b>Parasediminibacterium</b>                                    |              |           |        |
| Parasediminibacterium paludis                                   | 1            |           | neu    |
| <b>Parasegetibacter</b>   |              |           |        |
| Parasegetibacter luojiensis                                     | 1            |           |        |
| Parasegetibacter terrae   | 1            |           | neu    |
| <b>Parasphingopyxis</b>   |              |           |        |
| Parasphingopyxis algicola                                       | 1            |           | neu    |
| Parasphingopyxis lamellibrachiae                                | 1            |           |        |
| <b>Parasporobacterium</b>                                       |              |           |        |
| Parasporobacterium paucivorans                                  | 1            |           |        |
| <b>Parasutterella</b>   |              |           |        |
| Parasutterella excrementihominis                                | 1            |           |        |
| Parasutterella secunda  | 1            |           |        |
| <b>Parvibacter</b>  |              |           |        |
| Parvibacter caecicola   | 1            |           | neu    |
| <b>Parvibaculum</b>   |              |           |        |
| Parvibaculum hydrocarboniclasticum                              | 1            |           |        |
| Parvibaculum indicum  | 1            |           |        |
| Parvibaculum lavamentivorans                                    | 1            |           |        |
| <b>Parvimonas</b>   |              |           |        |
| Parvimonas micra (Micromonas micros, Peptostreptococcus micros) | 2            | ht        |        |
| <b>Parviterribacter</b>   |              |           |        |
| Parviterribacter kavangonensis                                  | 1            |           | neu    |
| Parviterribacter multiflagellatus                               | 1            |           | neu    |
| <b>Parvularcula</b>   |              |           |        |
| Parvularcula bermudensis  | 1            |           |        |
| Parvularcula dongshanensis                                      | 1            |           |        |
| Parvularcula flava  | 1            |           | neu    |
| Parvularcula lutaonensis  | 1            |           |        |
| <b>Pasteurella</b>  |              |           |        |
| Pasteurella aerogenes   | 2            | Z         |        |
| Pasteurella anatis → Gallibacterium anatis                      |              |           |        |
| Pasteurella avium → Avibacterium avium                          |              |           |        |

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|---|--------------|-----------|--------|
| <i>Pasteurella bettyae</i>  | 2            |           |        |
| <i>Pasteurella caballi</i>  | 2            | Z         |        |
| <i>Pasteurella canis</i>  | 2            | Z         |        |
| <i>Pasteurella dagmatis</i>   | 2            | Z         |        |
| <i>Pasteurella gallicida</i> → <i>Pasteurella multocida</i> subsp. <i>gallicida</i>   |              |           |        |
| <i>Pasteurella gallinarum</i> → <i>Avibacterium gallinarum</i>                        |              |           |        |
| <i>Pasteurella granulomatis</i> → <i>Mannheimia granulomatis</i>                      |              |           |        |
| <i>Pasteurella haemolytica</i> → <i>Mannheimia haemolytica</i>                        |              |           |        |
| <i>Pasteurella langaaensis</i>  | 1            |           |        |
| <i>Pasteurella lymphangitidis</i>   | 2            | t         |        |
| <i>Pasteurella mairii</i>   | 2            | t         |        |
| <i>Pasteurella multocida</i> subsp. <i>gallicida</i> ( <i>Pasteurella gallicida</i> ) | 2            | Z         |        |
| <i>Pasteurella multocida</i> subsp. <i>multocida</i>                                  | 2            | Z         |        |
| <i>Pasteurella multocida</i> subsp. <i>septica</i>                                    | 2            | Z         |        |
| <i>Pasteurella oralis</i>   | 2            | Z         |        |
| <i>Pasteurella piscicida</i> → <i>Photobacterium damsela</i> subsp. <i>piscicida</i>  |              |           |        |
| <i>Pasteurella pneumotropica</i> → <i>Rodentibacter pneumotropicus</i>                |              |           | Umb.   |
| <i>Pasteurella skyensis</i>   | 2            | t         |        |
| <i>Pasteurella stomatis</i>   | 2            | Z         |        |
| <i>Pasteurella testudinis</i>   | 2            | t         |        |
| <i>Pasteurella trehalosi</i> → <i>Bibersteinia trehalosi</i>                          |              |           |        |
| <i>Pasteurella ureae</i> → <i>Actinobacillus ureae</i>                                |              |           |        |
| <i>Pasteurella volantium</i> → <i>Avibacterium volantium</i>                          |              |           |        |
| <b>Pasteuria</b>  |              |           |        |
| <i>Pasteuria nishizawae</i>   | 1            | n         |        |
| <i>Pasteuria penetrans</i>  | 1            | n         |        |
| <i>Pasteuria ramosa</i> – synonym: <i>Pirellula staley</i>                            |              |           |        |
| <i>Pasteuria thornei</i>  | 1            | n         |        |
| <b>Patulibacter</b>   |              |           |        |
| <i>Patulibacter americanus</i>  | 1            |           |        |
| <i>Patulibacter brassicae</i>   | 1            |           | neu    |
| <i>Patulibacter ginsengiterrae</i>  | 1            |           |        |
| <i>Patulibacter medicamentivorans</i>   | 1            |           |        |
| <i>Patulibacter minatonensis</i>  | 1            |           |        |
| <b>Paucibacter</b>  |              |           |        |
| <i>Paucibacter oligotrophus</i>   | 1            |           | neu    |
| <i>Paucibacter toxinivorans</i>   | 1            |           |        |
| <b>Paucimonas</b>   |              |           |        |
| <i>Paucimonas lemoignei</i> ( <i>Pseudomonas lemoignei</i> )                          | 1            |           |        |
| <b>Paucisalibacillus</b>  |              |           |        |
| <i>Paucisalibacillus globulus</i>   | 1            |           |        |
| <b>Pectinatus</b>   |              |           |        |

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|--|--------------|-----------|--------|
| <i>Pectinatus brassicae</i>  | 1            |           |        |
| <i>Pectinatus cerevisiiphilus</i>  | 1            |           |        |
| <i>Pectinatus frisingensis</i>   | 1            |           |        |
| <i>Pectinatus haikarae</i>   | 1            |           |        |
| <i>Pectinatus portalensis</i>  | 1            |           |        |
| <i>Pectinatus sottacetoni</i>  | 1            |           |        |
| <b>Pectobacterium</b>  |              |           |        |
| <i>Pectobacterium aroidearum</i>   | 1            | p         |        |
| <i>Pectobacterium atrosepticum</i> ( <i>Pectobacterium carotovorum</i> subsp. <i>atrosepticum</i> )                | 1            | p         |        |
| <i>Pectobacterium betavasculorum</i> ( <i>Pectobacterium carotovorum</i> subsp. <i>betavasculorum</i> )            | 1            | p         |        |
| <i>Pectobacterium cacticida</i> ( <i>Erwinia cacticida</i> )   | 1            | p         |        |
| <i>Pectobacterium carnegieana</i> – synonym: <i>Erwinia carnegieana</i>  |              |           |        |
| <i>Pectobacterium carotovorum</i> subsp. <i>atrosepticum</i> → <i>Pectobacterium atrosepticum</i>                  |              |           |        |
| <i>Pectobacterium carotovorum</i> subsp. <i>betavasculorum</i> → <i>Pectobacterium betavasculorum</i>              |              |           |        |
| <i>Pectobacterium carotovorum</i> subsp. <i>carotovorum</i> ( <i>Erwinia carotovora</i> subsp. <i>carotovora</i> ) | 1            | p         |        |
| <i>Pectobacterium carotovorum</i> subsp. <i>odoriferum</i> ( <i>Erwinia carotovora</i> subsp. <i>odorifera</i> )   | 1            | p         |        |
| <i>Pectobacterium carotovorum</i> subsp. <i>wasabiae</i> → <i>Pectobacterium wasabiae</i>                          |              |           |        |
| <i>Pectobacterium chrysanthemi</i> → <i>Dickeya chrysanthemi</i>   |              |           |        |
| <i>Pectobacterium cyripedii</i> = <i>Erwinia cyripedii</i> → <i>Pantoea cyripedii</i>                              |              |           |        |
| <i>Pectobacterium parmentieri</i>  | 1            | p         | neu    |
| <i>Pectobacterium polaris</i>  | 1            | p2        | neu    |
| <i>Pectobacterium rhapontici</i> – synonym: <i>Erwinia rhapontici</i>  |              |           |        |
| <i>Pectobacterium wasabiae</i> ( <i>Pectobacterium carotovorum</i> subsp. <i>wasabiae</i> )                        | 1            | p         |        |
| <b>Pediococcus</b>   |              |           |        |
| <i>Pediococcus acidilactici</i>  | 1            | +         |        |
| <i>Pediococcus argentinus</i>  | 1            |           |        |
| <i>Pediococcus cellicola</i>   | 1            |           |        |
| <i>Pediococcus claussenii</i>  | 1            |           |        |
| <i>Pediococcus damnosus</i>  | 1            |           |        |
| <i>Pediococcus dextrinicus</i> → <i>Lactobacillus dextrinicus</i>  |              |           |        |
| <i>Pediococcus ethanolidurans</i>  | 1            |           |        |
| <i>Pediococcus halophilus</i> → <i>Tetragenococcus halophilus</i>  |              |           |        |
| <i>Pediococcus inopinatus</i>  | 1            |           |        |
| <i>Pediococcus lolii</i>   | 1            |           |        |
| <i>Pediococcus parvulus</i>  | 1            |           |        |
| <i>Pediococcus pentosaceus</i>   | 1            | +         |        |
| <i>Pediococcus siamensis</i>   | 1            |           |        |
| <i>Pediococcus stilesii</i>  | 1            |           |        |

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|---|--------------|-----------|--------|
| Pediococcus urinaeequi → Aerococcus urinaeequi  |              |           |        |
| <b>Pedobacter</b>   |              |           |        |
| Pedobacter africanus  | 1            |           |        |
| Pedobacter agri   | 1            |           |        |
| Pedobacter alluvionis   | 1            |           |        |
| Pedobacter alpinus  | 1            |           | neu    |
| Pedobacter antarcticus (Sphingobacterium antarcticum, Pedobacter piscium)                       | 1            |           |        |
| Pedobacter aquatilis  | 1            |           |        |
| Pedobacter arcticus   | 1            |           |        |
| Pedobacter ardleyensis  | 1            |           | neu    |
| Pedobacter bauzanensis  | 1            |           |        |
| Pedobacter borealis   | 1            |           |        |
| Pedobacter boryungensis   | 1            |           |        |
| Pedobacter caeni  | 1            |           |        |
| Pedobacter composti   | 1            |           |        |
| Pedobacter cryoconitis  | 1            |           |        |
| Pedobacter daechungensis  | 1            |           |        |
| Pedobacter daejeonensis   | 1            |           | neu    |
| Pedobacter duraquae   | 1            |           |        |
| Pedobacter edaphicus  | 1            |           | neu    |
| Pedobacter ginsengisoli   | 1            |           |        |
| Pedobacter ginsengiterrae   | 1            |           |        |
| Pedobacter ginsenosidimutans  | 1            |           |        |
| Pedobacter glacialis  | 1            |           | neu    |
| Pedobacter glucosidilyticus   | 1            |           |        |
| Pedobacter hartonius  | 1            |           |        |
| Pedobacter heparinus (Flavobacterium heparinum, Cytophaga heparina, Sphingobacterium heparinum) | 1            |           |        |
| Pedobacter himalayensis   | 1            |           |        |
| Pedobacter huanghensis  | 1            |           | neu    |
| Pedobacter humi   | 1            |           | neu    |
| Pedobacter humicola   | 1            |           | neu    |
| Pedobacter insulae  | 1            |           |        |
| Pedobacter jamesrossensis   | 1            |           | neu    |
| Pedobacter jejuensis  | 1            |           |        |
| Pedobacter koreensis  | 1            |           |        |
| Pedobacter kyonggii   | 1            |           | neu    |
| Pedobacter kyungheensis   | 1            |           | neu    |
| Pedobacter lentus   | 1            |           |        |
| Pedobacter lignilitoris   | 1            |           | neu    |
| Pedobacter lithocola  | 1            |           | neu    |
| Pedobacter lotistagni   | 1            |           | neu    |
| Pedobacter lusitanus  | 1            |           | neu    |
| Pedobacter luteus   | 1            |           |        |
| Pedobacter lycopersici  | 1            |           | neu    |

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|--|--------------|-----------|--------|
| Pedobacter mendelii                                  | 1            |           | neu    |
| Pedobacter metabolipauper                            | 1            |           |        |
| Pedobacter nanyangensis                              | 1            |           | neu    |
| Pedobacter nutrimenti                                | 1            |           |        |
| Pedobacter nyackensis                                | 1            |           |        |
| Pedobacter oryzae                                    | 1            |           |        |
| Pedobacter panaciterrae                              | 1            |           |        |
| Pedobacter petrophilus                               | 1            |           | neu    |
| Pedobacter piscium – synonym: Pedobacter antarcticus |              |           |        |
| Pedobacter pituitosus                                | 1            |           | neu    |
| Pedobacter psychrophilus                             | 1            |           | neu    |
| Pedobacter psychrotolerans                           | 1            |           | neu    |
| Pedobacter quisquiliarum                             | 1            |           | neu    |
| Pedobacter rhizosphaerae                             | 1            |           |        |
| Pedobacter rivuli                                    | 1            |           | neu    |
| Pedobacter roseus                                    | 1            |           |        |
| Pedobacter ruber                                     | 1            |           |        |
| Pedobacter saltans → Pseudopedobacter saltans        |              |           |        |
| Pedobacter sandarakinus                              | 1            |           |        |
| Pedobacter seoulensis                                | 1            |           | neu    |
| Pedobacter silvilitoris                              | 1            |           | neu    |
| Pedobacter soli                                      | 1            |           |        |
| Pedobacter solisilvae                                | 1            |           | neu    |
| Pedobacter steynii                                   | 1            |           |        |
| Pedobacter suwonensis                                | 1            |           |        |
| Pedobacter terrae                                    | 1            |           |        |
| Pedobacter terricola                                 | 1            |           |        |
| Pedobacter tournemirensis                            | 1            |           |        |
| Pedobacter trunci                                    | 1            |           | neu    |
| Pedobacter ureilyticus                               | 1            |           | neu    |
| Pedobacter vanadiisoli                               | 1            |           | neu    |
| Pedobacter westerhofensis                            | 1            |           |        |
| Pedobacter xixiisoli                                 | 1            |           | neu    |
| Pedobacter zeae                                      | 1            |           | neu    |
| <b>Pedomicrobium</b>                                 |              |           |        |
| Pedomicrobium americanum                             | 1            |           |        |
| Pedomicrobium australicum                            | 1            |           |        |
| Pedomicrobium ferrugineum                            | 1            |           |        |
| Pedomicrobium manganicum                             | 1            |           |        |
| <b>Pelagibaca</b>                                    |              |           |        |
| Pelagibaca bermudensis                               | 1            |           |        |
| <b>Pelagibacillus → Terribacillus</b>                |              |           |        |
| Pelagibacillus goriensis → Terribacillus goriensis   |              |           |        |
| <b>Pelagibacterium</b>                               |              |           |        |
| Pelagibacterium halotolerans                         | 1            |           |        |
| Pelagibacterium lentulum                             | 1            |           | neu    |

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| Pelagibacterium luteolum                                    | 1            |           |        |
| <b>Pelagibius</b>   |              |           |        |
| Pelagibius litoralis  | 1            |           |        |
| <b>Pelagicoccus</b>   |              |           |        |
| Pelagicoccus albus  | 1            |           |        |
| Pelagicoccus croceus  | 1            |           |        |
| Pelagicoccus litoralis                                      | 1            |           |        |
| Pelagicoccus mobilis  | 1            |           |        |
| <b>Pelagicola</b>   |              |           |        |
| Pelagicola litoralis  | 1            |           |        |
| Pelagicola litorisediminis                                  | 1            |           |        |
| <b>Pelagimonas</b>  |              |           |        |
| Pelagimonas varians   | 1            |           |        |
| <b>Pelagirhabdus</b>  |              |           |        |
| Pelagirhabdus alkalitolerans                                | 1            |           | neu    |
| Pelagirhabdus fermentum (Amphibacillus fermentum)           | 1            |           | Umb.   |
| <b>Pelczaria</b>  |              |           |        |
| Pelczaria aurantia  | 1            |           |        |
| <b>Pelistega</b>  |              |           |        |
| Pelistega europaea  | 2            |           |        |
| <b>Pelobacter</b>   |              |           |        |
| Pelobacter acetylenicus                                     | 1            |           |        |
| Pelobacter acidigallici                                     | 1            |           |        |
| Pelobacter carbinolicus                                     | 1            |           |        |
| Pelobacter massiliensis                                     | 1            |           |        |
| Pelobacter propionicus                                      | 1            |           |        |
| Pelobacter seleniigenes                                     | 1            |           |        |
| Pelobacter venetianus                                       | 1            |           |        |
| <b>Pelobium</b>   |              |           |        |
| Pelobium manganitolerans                                    | 1            |           | neu    |
| <b>„Pelodictyon“</b>  |              |           |        |
| Pelodictyon clathratiforme → Chlorobium clathratiforme      |              |           |        |
| Pelodictyon luteolum → Chlorobium luteolum                  |              |           |        |
| Pelodictyon phaeoclathratiforme → Chlorobium clathratiforme |              |           |        |
| „Pelodictyon phaeum“  | 1            |           |        |
| <b>Pelomonas</b>  |              |           |        |
| Pelomonas aquatica  | 1            |           |        |
| Pelomonas puraquae  | 1            |           |        |
| Pelomonas saccharophila (Pseudomonas saccharophila)         | 1            |           |        |
| <b>Pelosinus</b>  |              |           |        |
| Pelosinus defluvii  | 1            |           |        |
| Pelosinus fermentans  | 1            |           |        |
| Pelosinus propionicus (Sporotalea propionica)               | 1            |           |        |
| <b>Pelospora</b>  |              |           |        |



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|--|--------------|-----------|--------|
| <i>Pelospora glutarica</i>   | 1            |           |        |
| <b>Pelotomaculum</b>   |              |           |        |
| <i>Pelotomaculum isophthalicum</i>   | 1            |           |        |
| <i>Pelotomaculum propionicum</i>   | 1            |           |        |
| <i>Pelotomaculum schinkii</i>  | 1            |           |        |
| <i>Pelotomaculum terephthalicum</i>  | 1            |           |        |
| <i>Pelotomaculum thermopropionicum</i>   | 1            |           |        |
| <b>Peptoanaerobacter</b>   |              |           |        |
| <i>Peptoanaerobacter stomatis</i>  | 1            |           | neu    |
| <b>Peptoclostridium</b>  |              |           |        |
| <i>Peptoclostridium acidaminophilum</i> ( <i>Eubacterium acidaminophilum</i> )   | 1            |           | Umb.   |
| <i>Peptoclostridium litorale</i> ( <i>Clostridium litorale</i> )   | 1            |           | Umb.   |
| <b>Peptococcus</b>   |              |           |        |
| <i>Peptococcus asaccharolyticus</i> → <i>Peptoniphilus asaccharolyticus</i>  |              |           |        |
| <i>Peptococcus glycinophilus</i> – synonym: <i>Peptostreptococcus micros</i> → <i>Micromonas micros</i>                    |              |           |        |
| <i>Peptococcus heliotrinireducens</i> → <i>Slackia heliotrinireducens</i>  |              |           |        |
| <i>Peptococcus indolicus</i> → <i>Peptoniphilus indolicus</i>  |              |           |        |
| <i>Peptococcus magnus</i> → <i>Finegoldia magna</i>  |              |           |        |
| <i>Peptococcus niger</i>   | 2            | ht        |        |
| <i>Peptococcus prevotii</i> → <i>Anaerococcus prevotii</i>   |              |           |        |
| <i>Peptococcus saccharolyticus</i> → <i>Staphylococcus saccharolyticus</i>   |              |           |        |
| <i>Peptococcus simiae</i>  | 1            |           | neu    |
| <b>Peptoniphilus</b>   |              |           |        |
| <i>Peptoniphilus asaccharolyticus</i> ( <i>Peptococcus asaccharolyticus</i> , <i>Peptostreptococcus asaccharolyticus</i> ) | 2            |           |        |
| <i>Peptoniphilus coxii</i>   | 2            |           |        |
| <i>Peptoniphilus duerdenii</i>   | 2            |           |        |
| <i>Peptoniphilus gorbachii</i>   | 2            |           |        |
| <i>Peptoniphilus harei</i> ( <i>Peptostreptococcus harei</i> )   | 2            |           |        |
| <i>Peptoniphilus indolicus</i> ( <i>Peptococcus indolicus</i> , <i>Peptostreptococcus indolicus</i> )                      | 2            | t         |        |
| <i>Peptoniphilus ivorii</i> ( <i>Peptostreptococcus ivorii</i> )   | 2            |           |        |
| <i>Peptoniphilus koenoeniae</i>  | 2            |           |        |
| <i>Peptoniphilus lacrimalis</i> ( <i>Peptostreptococcus lacrimalis</i> )   | 2            |           |        |
| <i>Peptoniphilus methioninivorax</i>   | 1            |           |        |
| <i>Peptoniphilus olsenii</i>   | 2            |           |        |
| <i>Peptoniphilus senegalensis</i>  | 1            |           | neu    |
| <i>Peptoniphilus timonensis</i>  | 1            |           | neu    |
| <i>Peptoniphilus tyrrelliae</i>  | 2            |           |        |
| <b>Peptostreptococcus</b>  |              |           |        |
| <i>Peptostreptococcus anaerobius</i>   | 2            | ht        |        |
| <i>Peptostreptococcus asaccharolyticus</i> → <i>Peptoniphilus asaccharolyticus</i>   |              |           |        |

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|---|--------------|-----------|--------|
| Peptostreptococcus barnesae → Gallicola barnesae                  |              |           |        |
| Peptostreptococcus canis  | 1            | t+        |        |
| Peptostreptococcus harei → Peptoniphilus harei                    |              |           |        |
| Peptostreptococcus heliotrinreducens → Slackia heliotrinreducens  |              |           |        |
| Peptostreptococcus hydrogenalis → Anaerococcus hydrogenalis       |              |           |        |
| Peptostreptococcus indolicus → Peptoniphilus indolicus            |              |           |        |
| Peptostreptococcus ivorii → Peptoniphilus ivorii                  |              |           |        |
| Peptostreptococcus lacrimalis → Peptoniphilus lacrimalis          |              |           |        |
| Peptostreptococcus lactolyticus → Anaerococcus lactolyticus       |              |           |        |
| Peptostreptococcus magnus → Finegoldia magna                      |              |           |        |
| Peptostreptococcus micros → Parvimonas micra                      |              |           |        |
| Peptostreptococcus octavius → Anaerococcus octavius               |              |           |        |
| Peptostreptococcus parvulus → Atopobium parvulum                  |              |           |        |
| Peptostreptococcus prevotii → Anaerococcus prevotii               |              |           |        |
| Peptostreptococcus productus → Ruminococcus productus             |              |           |        |
| Peptostreptococcus russellii                                      | 1            |           |        |
| Peptostreptococcus stomatis                                       | 2            |           |        |
| Peptostreptococcus tetradius → Anaerococcus tetradius             |              |           |        |
| Peptostreptococcus vaginalis → Anaerococcus vaginalis             |              |           |        |
| <b>Peredibacter</b>   |              |           |        |
| Peredibacter starrii (Bacteriovorax starrii, Bdelovibrio starrii) | 1            |           |        |
| <b>Perexilibacter</b>   |              |           |        |
| Perexilibacter aurantiacus  | 1            |           |        |
| <b>Perlucidibaca</b>  |              |           |        |
| Perlucidibaca aquatica  | 1            |           | neu    |
| Perlucidibaca piscinae  | 1            |           |        |
| <b>Permianibacter</b>   |              |           |        |
| Permianibacter aggregans  | 1            |           | neu    |
| <b>Persephonella</b>  |              |           |        |
| Persephonella guaymasensis  | 1            |           |        |
| Persephonella hydrogeniphila                                      | 1            |           |        |
| Persephonella marina  | 1            |           |        |
| <b>Persicirhabdus</b>   |              |           |        |
| Persicirhabdus sediminis  | 1            |           |        |
| <b>Persicitalea</b>   |              |           |        |
| Persicitalea jodogahamensis                                       | 1            |           |        |
| <b>Persicivirga</b>   |              |           |        |

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|---|--------------|-----------|--------|
| Persicivirga dokdonensis (Donghaeana dokdonensis) → Nonlabens dokdonensis |              |           |        |
| Persicivirga ulvanivorans → Nonlabens ulvanivorans                        |              |           |        |
| Persicivirga xylanidelens → Nonlabens xylanidelens                        |              |           |        |
| <b>Persicobacter</b>  |              |           |        |
| Persicobacter diffluens (Cytophaga diffluens)                             | 1            |           |        |
| Persicobacter psychrovividus  | 1            |           |        |
| <b>Perspicuibacter</b>  |              |           |        |
| Perspicuibacter marinus   | 1            |           | neu    |
| <b>Petrimonas</b>   |              |           |        |
| Petrimonas mucosa   | 1            |           | neu    |
| Petrimonas sulfuriphila   | 1            |           |        |
| <b>Petrobacter → Tepidiphilus</b>   |              |           |        |
| Petrobacter succinatimandens → Tepidiphilus succinatimandens              |              |           |        |
| <b>Petrolinea</b>   |              |           |        |
| Petrolinea submarina  | 1            |           |        |
| <b>Petrothermobacter</b>  |              |           |        |
| Petrothermobacter organivorans  | 1            |           | neu    |
| <b>Petrotoga</b>  |              |           |        |
| Petrotoga halophila   | 1            |           |        |
| Petrotoga mexicana  | 1            |           |        |
| Petrotoga miotherma   | 1            |           |        |
| Petrotoga mobilis   | 1            |           |        |
| Petrotoga olearia   | 1            |           |        |
| Petrotoga sibirica  | 1            |           |        |
| <b>Pfennigia → Lamprocystis</b>   |              |           |        |
| Pfennigia purpurea → Lamprocystis purpurea                                |              |           |        |
| <b>Phaeobacter</b>  |              |           |        |
| Phaeobacter aquaemixtae → Leisingera aquaemixtae                          |              |           | Umb.   |
| Phaeobacter arcticus → Pseudophaeobacter arcticus                         |              |           | Umb.   |
| Phaeobacter caeruleus → Leisingera caerulea                               |              |           | Umb.   |
| Phaeobacter daeponensis → Leisingera daeponensis                          |              |           | Umb.   |
| Phaeobacter gallaeciensis (Roseobacter gallaeciensis)                     | 1            |           |        |
| Phaeobacter inhibens  | 1            |           |        |
| Phaeobacter leonis → Pseudophaeobacter leonis                             |              |           | Umb.   |
| Phaeobacter piscinae  | 1            |           | neu    |
| Phaeobacter porticola   | 1            |           | neu    |
| <b>Phaeobacterium</b>   |              |           |        |
| Phaeobacterium nitratireducens  | 1            |           | neu    |
| <b>Phaeochromatium</b>  |              |           |        |
| Phaeochromatium fluminis (Marichromatium fluminis)                        | 1            |           |        |
| <b>Phaeocystidibacter</b>   |              |           |        |

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|---|--------------|-----------|--------|
| <i>Phaeocystidibacter luteus</i>  | 1            |           |        |
| <i>Phaeocystidibacter marisrubri</i>                                      | 1            |           | neu    |
| <b>Phaeodactylibacter</b>   |              |           |        |
| <i>Phaeodactylibacter luteus</i>  | 1            |           | neu    |
| <i>Phaeodactylibacter xiamenensis</i>                                     | 1            |           | neu    |
| <b>Phaeospirillum</b>   |              |           |        |
| <i>Phaeospirillum chandramohanii</i>                                      | 1            |           |        |
| <i>Phaeospirillum fulvum</i> ( <i>Rhodospirillum fulvum</i> )             | 1            |           |        |
| <i>Phaeospirillum molischianum</i> ( <i>Rhodospirillum molischianum</i> ) | 1            |           |        |
| <i>Phaeospirillum oryzae</i>  | 1            |           |        |
| <i>Phaeospirillum tilakii</i>   | 1            |           |        |
| <b>Phaeovibrio</b>  |              |           |        |
| <i>Phaeovibrio sulfidiphilus</i>  | 1            |           |        |
| <b>Phascolarctobacterium</b>  |              |           |        |
| <i>Phascolarctobacterium faecium</i>                                      | 1            |           |        |
| <i>Phascolarctobacterium succinatutens</i>                                | 1            |           |        |
| <b>Phaselicystis</b>  |              |           |        |
| <i>Phaselicystis flava</i>  | 1            |           |        |
| <b>Phaseolibacter</b>   |              |           |        |
| <i>Phaseolibacter flectens</i> ( <i>Pseudomonas flectens</i> )            | 1            | p         |        |
| <b>Phenylobacterium</b>   |              |           |        |
| <i>Phenylobacterium aquaticum</i>   | 1            |           | neu    |
| <i>Phenylobacterium composti</i>  | 1            |           |        |
| <i>Phenylobacterium conjunctum</i>  | 1            |           |        |
| <i>Phenylobacterium deserti</i>   | 1            |           | neu    |
| <i>Phenylobacterium falsum</i>  | 1            |           |        |
| <i>Phenylobacterium haematophilum</i>                                     | 1            | +         | neu    |
| <i>Phenylobacterium hankyongense</i>                                      | 1            |           | neu    |
| <i>Phenylobacterium immobile</i>  | 1            |           |        |
| <i>Phenylobacterium koreense</i>  | 1            |           |        |
| <i>Phenylobacterium kunshanense</i>                                       | 1            |           | neu    |
| <i>Phenylobacterium lituiforme</i>  | 1            |           |        |
| <i>Phenylobacterium muchangponense</i>                                    | 1            |           |        |
| <i>Phenylobacterium panacis</i>   | 1            |           | neu    |
| <b>Phocaeicola</b>  |              |           |        |
| <i>Phocaeicola abscessus</i>  | 2            |           |        |
| <b>Phocoenobacter</b>   |              |           |        |
| <i>Phocoenobacter uteri</i>   | 1            |           |        |
| <b>Phorcysia</b>  |              |           |        |
| <i>Phorcysia thermohydrogeniphila</i>                                     | 1            |           |        |
| <b>Photobacterium</b>   |              |           |        |
| <i>Photobacterium aestuarii</i>   | 1            |           |        |
| <i>Photobacterium alginatilyticum</i>                                     | 1            |           | neu    |
| <i>Photobacterium angustum</i>  | 1            |           |        |
| <i>Photobacterium aphoticum</i>   | 1            |           |        |
| <i>Photobacterium aplysiae</i>  | 1            |           |        |

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|---|--------------|-----------|--------|
| <i>Photobacterium aquae</i>   | 1            |           |        |
| <i>Photobacterium aquimaris</i>   | 1            |           |        |
| <i>Photobacterium damsela</i> subsp. <i>damsela</i> ( <i>Vibrio damsela</i> , <i>Listonella damsela</i> ) | 2            | Z         |        |
| <i>Photobacterium damsela</i> subsp. <i>piscicida</i> ( <i>Pasteurella piscicida</i> )                    | 1            | t2        |        |
| <i>Photobacterium fischeri</i> = <i>Vibrio fischeri</i> → <i>Aliivibrio fischeri</i>                      |              |           |        |
| <i>Photobacterium frigidophilum</i>   | 1            |           |        |
| <i>Photobacterium gaetbulicola</i>  | 1            |           |        |
| <i>Photobacterium galathea</i>  | 1            |           | neu    |
| <i>Photobacterium ganghwense</i>  | 1            |           |        |
| <i>Photobacterium halotolerans</i>  | 1            |           |        |
| <i>Photobacterium histaminum</i> – synonym: <i>Photobacterium damsela</i> subsp. <i>damsela</i>           |              |           |        |
| <i>Photobacterium iliopiscarium</i> ( <i>Vibrio iliopiscarius</i> )                                       | 1            |           |        |
| <i>Photobacterium indicum</i> ( <i>Hyphomicrobium indicum</i> )   | 1            |           |        |
| <i>Photobacterium jeanii</i>  | 1            |           |        |
| <i>Photobacterium kishitanii</i>  | 1            |           |        |
| <i>Photobacterium leiognathi</i>  | 1            |           |        |
| <i>Photobacterium lipolyticum</i>   | 1            |           |        |
| <i>Photobacterium logei</i> → <i>Vibrio logei</i>   |              |           |        |
| <i>Photobacterium lutimaris</i>   | 1            |           |        |
| <i>Photobacterium panuliri</i>  | 1            |           | neu    |
| <i>Photobacterium phosphoreum</i>   | 1            |           |        |
| <i>Photobacterium profundum</i>   | 1            |           |        |
| <i>Photobacterium proteolyticum</i>   | 1            |           | neu    |
| <i>Photobacterium rosenbergii</i>   | 1            | n         |        |
| <i>Photobacterium sanctipauli</i>   | 1            | n         | neu    |
| <i>Photobacterium sanguinancrui</i>   | 1            | n+        | neu    |
| <i>Photobacterium swingsii</i>  | 1            |           |        |
| <i>Photobacterium toruni</i>  | 1            | t2        | neu    |
| <b>Photorhabdus</b>   |              |           |        |
| <i>Photorhabdus asymbiotica</i> subsp. <i>asymbiotica</i>   | 2            |           |        |
| <i>Photorhabdus asymbiotica</i> subsp. <i>australis</i>   | 2            |           |        |
| <i>Photorhabdus heterorhabditis</i>   | 1            | n         |        |
| <i>Photorhabdus luminescens</i> subsp. <i>akhurstii</i>   | 1            | n         |        |
| <i>Photorhabdus luminescens</i> subsp. <i>caribbeanensis</i>  | 1            | n         |        |
| <i>Photorhabdus luminescens</i> subsp. <i>hainanensis</i>   | 1            | n         |        |
| <i>Photorhabdus luminescens</i> subsp. <i>kayaii</i>  | 1            | n         |        |
| <i>Photorhabdus luminescens</i> subsp. <i>kleinii</i>   | 1            | n         |        |
| <i>Photorhabdus luminescens</i> subsp. <i>laumondii</i>   | 1            | n         |        |
| <i>Photorhabdus luminescens</i> subsp. <i>luminescens</i> ( <i>Xenorhabdus luminescens</i> )              | 1            | n         |        |
| <i>Photorhabdus luminescens</i> subsp. <i>namnaonensis</i>  | 1            | n         | neu    |
| <i>Photorhabdus luminescens</i> subsp. <i>noenieputensis</i>  | 1            | n         |        |

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|--|--------------|-----------|--------|
| Photobacterium luminescens subsp. thracensis →<br>Photobacterium temperata subsp. thracensis |              |           |        |
| Photobacterium temperata subsp. cinerea  | 1            | n         |        |
| Photobacterium temperata subsp. khanii   | 1            | n         |        |
| Photobacterium temperata subsp. stackebrandtii   | 1            | n         |        |
| Photobacterium temperata subsp. tasmaniensis   | 1            | n         |        |
| Photobacterium temperata subsp. temperata (Photobacterium temperata)                         | 1            | n         |        |
| Photobacterium temperata subsp. thracensis (Photobacterium luminescens subsp. thracensis)    | 1            | n         |        |
| Photobacterium temperata → Photobacterium temperata subsp. temperata                         |              |           |        |
| <b>Phreatobacter</b>   |              |           |        |
| Phreatobacter oligotrophus   | 1            |           |        |
| Phreatobacter stygius  | 1            |           | neu    |
| <b>Phycococcus</b>   |              |           |        |
| Phycococcus aerophilus   | 1            |           |        |
| Phycococcus badiiscoriae   | 1            |           |        |
| Phycococcus bigeumensis  | 1            |           |        |
| Phycococcus cremeus  | 1            |           |        |
| Phycococcus dokdonensis  | 1            |           |        |
| Phycococcus endophyticus   | 1            |           | neu    |
| Phycococcus ginsengisoli   | 1            |           | neu    |
| Phycococcus ginsenosidimutans  | 1            |           |        |
| Phycococcus jejuensis  | 1            |           |        |
| Phycococcus soli   | 1            |           | neu    |
| <b>Phycicola</b>   |              |           |        |
| Phycicola gilvus → Microterricola gilva  |              |           | Umb.   |
| <b>Phycisphaera</b>  |              |           |        |
| Phycisphaera mikurensis  | 1            |           |        |
| <b>Phyllobacterium</b>   |              |           |        |
| Phyllobacterium bourgognense   | 1            |           |        |
| Phyllobacterium brassicacearum   | 1            |           |        |
| Phyllobacterium catacumbae   | 1            |           |        |
| Phyllobacterium endophyticum   | 1            |           |        |
| Phyllobacterium ifriqiense   | 1            |           |        |
| Phyllobacterium leguminum  | 1            |           |        |
| Phyllobacterium loti   | 1            |           |        |
| Phyllobacterium myrsinacearum  | 1            |           |        |
| Phyllobacterium rubiacearum – synonym: Phyllobacterium myrsinacearum                         |              |           |        |
| Phyllobacterium sophorae   | 1            |           | neu    |
| Phyllobacterium trifolii   | 1            |           |        |
| <b>Phytoactinopolyspora</b>  |              |           |        |
| Phytoactinopolyspora alkaliphila   | 1            |           | neu    |
| Phytoactinopolyspora endophytica   | 1            |           | neu    |
| <b>Phytobacter</b>   |              |           |        |
| Phytobacter diazotrophicus   | 1            | +         | neu    |

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|--|--------------|-----------|--------|
| <i>Phytobacter ursingii</i>                                  | 1            | +         | neu    |
| <b>Phytohabitans</b>   |              |           |        |
| <i>Phytohabitans flavus</i>                                  | 1            |           |        |
| <i>Phytohabitans houttuynae</i>                              | 1            |           |        |
| <i>Phytohabitans kaempferiae</i>                             | 1            |           | neu    |
| <i>Phytohabitans rumicis</i>                                 | 1            |           |        |
| <i>Phytohabitans suffuscus</i>                               | 1            |           |        |
| <b>Phytomonospora</b>  |              |           |        |
| <i>Phytomonospora cypria</i>                                 | 1            |           | neu    |
| <i>Phytomonospora endophytica</i>                            | 1            |           |        |
| <b>Pibocella</b>   |              |           |        |
| <i>Pibocella ponti</i>                                       | 1            |           |        |
| <b>Picrophilus</b>   |              |           |        |
| <i>Picrophilus oshimae</i>                                   | 1            |           |        |
| <i>Picrophilus torridus</i>                                  | 1            |           |        |
| <b>Pigmentiphaga</b>   |              |           |        |
| <i>Pigmentiphaga aceris</i>                                  | 1            |           | neu    |
| <i>Pigmentiphaga daeguensis</i>                              | 1            |           |        |
| <i>Pigmentiphaga kullae</i>                                  | 1            |           |        |
| <i>Pigmentiphaga litoralis</i>                               | 1            |           |        |
| <i>Pigmentiphaga soli</i>                                    | 1            |           | neu    |
| <b>Pilibacter</b>  |              |           |        |
| <i>Pilibacter termitis</i>                                   | 1            |           |        |
| <b>Pilimelia</b>   |              |           |        |
| <i>Pilimelia anulata</i>                                     | 1            |           |        |
| <i>Pilimelia columellifera</i> subsp. <i>columellifera</i>   | 1            |           |        |
| <i>Pilimelia columellifera</i> subsp. <i>pallida</i>         | 1            |           |        |
| <i>Pilimelia terevasa</i>                                    | 1            |           |        |
| <b>Pillotina</b>   |              |           |        |
| <i>Pillotina calotermitidis</i>                              | 1            |           |        |
| <b>Pimelobacter</b>  |              |           |        |
| <i>Pimelobacter jensenii</i> → <i>Nocardioides jensenii</i>  |              |           |        |
| <i>Pimelobacter simplex</i> → <i>Nocardioides simplex</i>    |              |           |        |
| <i>Pimelobacter tumescens</i> → <i>Terrabacter tumescens</i> |              |           |        |
| <b>Pirella</b>   |              |           |        |
| <i>Pirella marina</i> → <i>Blastopirellula marina</i>        |              |           |        |
| <i>Pirella staleyii</i> → <i>Pirellula staleyii</i>          |              |           |        |
| <b>Pirellula</b>   |              |           |        |
| <i>Pirellula marina</i> → <i>Blastopirellula marina</i>      |              |           |        |
| <i>Pirellula staleyii</i> ( <i>Pirella staleyii</i> )        | 1            |           |        |
| <b>Piscibacillus</b>   |              |           |        |
| <i>Piscibacillus halophilus</i>                              | 1            |           |        |
| <i>Piscibacillus salipiscarius</i>                           | 1            |           |        |
| <b>Piscicoccus</b>   |              |           |        |
| <i>Piscicoccus intestinalis</i>                              | 1            |           |        |
| <b>Pisciglobus</b>   |              |           |        |

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| <i>Pisciglobus halotolerans</i>   | 1            |           |        |
| <b>Piscinibacter</b>  |              |           |        |
| <i>Piscinibacter aquaticus</i> ( <i>Methylibium aquaticum</i> )               | 1            |           |        |
| <i>Piscinibacter defluvii</i>   | 1            |           | neu    |
| <b>Piscinibacterium</b>   |              |           |        |
| <i>Piscinibacterium candidicorallinum</i>                                     | 1            |           | neu    |
| <b>Piscirickettsia</b>  |              |           |        |
| <i>Piscirickettsia salmonis</i>   | 1            | t2        |        |
| <b>Pisticoccus</b>  |              |           |        |
| <i>Pisticoccus aurantiacus</i>  | 1            |           | neu    |
| <b>Planctobacterium</b>   |              |           |        |
| <i>Planctobacterium marinum</i>   | 1            |           | neu    |
| <b>Planctomicrobium</b>   |              |           |        |
| <i>Planctomicrobium piriforme</i>   | 1            |           | neu    |
| <b>Planctomyces</b>   |              |           |        |
| <i>Planctomyces bekefii</i>   | 1            |           |        |
| <i>Planctomyces brasiliensis</i> → <i>Rubinisphaera brasiliensis</i>          |              |           | Umb.   |
| <i>Planctomyces guttaeformis</i>  | 1            |           |        |
| <i>Planctomyces limnophilus</i> → <i>Planctopirus limnophila</i>              |              |           | Umb.   |
| <i>Planctomyces maris</i> → <i>Gimesia maris</i>                              |              |           | Umb.   |
| <i>Planctomyces stranskae</i>   | 1            |           |        |
| <b>Planctopirus</b>   |              |           |        |
| <i>Planctopirus limnophila</i> ( <i>Planctomyces limnophilus</i> )            | 1            |           | Umb.   |
| <b>Planifilum</b>   |              |           |        |
| <i>Planifilum composti</i>  | 1            |           |        |
| <i>Planifilum fimeticola</i>  | 1            |           |        |
| <i>Planifilum fulgidum</i>  | 1            |           |        |
| <i>Planifilum yunnanense</i>  | 1            |           |        |
| <b>Planktomarina</b>  |              |           |        |
| <i>Planktomarina temperata</i>  | 1            |           |        |
| <b>Planktosalinus</b>   |              |           |        |
| <i>Planktosalinus lacus</i>   | 1            |           | neu    |
| <b>Planktotalea</b>   |              |           |        |
| <i>Planktotalea arctica</i>   | 1            |           | neu    |
| <i>Planktotalea frisia</i>  | 1            |           |        |
| <i>Planktotalea lamellibrachiae</i>   | 1            |           | neu    |
| <b>Planobacterium</b> → <b>Chryseobacterium</b>                               |              |           |        |
| <i>Planobacterium taklimakanense</i> → <i>Chryseobacterium taklimakanense</i> |              |           |        |
| <b>Planobispora</b>   |              |           |        |
| <i>Planobispora longispora</i>  | 1            |           |        |
| <i>Planobispora rosea</i>   | 1            |           |        |
| <i>Planobispora siamensis</i>   | 1            |           |        |
| <i>Planobispora takensis</i>  | 1            |           |        |
| <b>Planococcus</b>  |              |           |        |



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|---|--------------|-----------|--------|
| Planococcus alkanoclasticus → Planomicrobium alkanoclasticum                        |              |           |        |
| Planococcus antarcticus   | 1            |           |        |
| Planococcus citreus   | 1            |           |        |
| Planococcus columbae  | 1            |           |        |
| Planococcus donghaensis   | 1            |           |        |
| Planococcus faecalis  | 1            |           | neu    |
| Planococcus halocryophilus  | 1            |           |        |
| Planococcus halophilus → Marinococcus halophilus                                    |              |           |        |
| Planococcus kocurii   | 1            |           |        |
| Planococcus maitriensis   | 1            |           |        |
| Planococcus maritimus   | 1            |           |        |
| Planococcus mcmeekinii → Planomicrobium mcmeekinii                                  |              |           |        |
| Planococcus okeanokoites → Planomicrobium okeanokoites                              |              |           |        |
| Planococcus plakortidis   | 1            |           |        |
| Planococcus psychrophilus → Planomicrobium psychrophilum                            |              |           |        |
| Planococcus rifietoensis  | 1            |           |        |
| Planococcus ruber   | 1            |           | neu    |
| Planococcus salinarum   | 1            |           |        |
| Planococcus stackebrandtii → Planomicrobium stackebrandtii                          |              |           |        |
| Planococcus versutus  | 1            |           | neu    |
| <b>Planomicrobium</b>   |              |           |        |
| Planomicrobium alkanoclasticum (Planococcus alkanoclasticus)                        | 1            |           |        |
| Planomicrobium chinense   | 1            |           |        |
| Planomicrobium flavidum   | 1            |           |        |
| Planomicrobium glaciei  | 1            |           |        |
| Planomicrobium koreense   | 1            |           |        |
| Planomicrobium mcmeekinii (Planococcus mcmeekinii)                                  | 1            |           |        |
| Planomicrobium okeanokoites (Flavobacterium okeanokoites, Planococcus okeanokoites) | 1            |           |        |
| Planomicrobium psychrophilum (Planococcus psychrophilus)                            | 1            |           |        |
| Planomicrobium soli   | 1            |           | neu    |
| Planomicrobium stackebrandtii (Planococcus stackebrandtii)                          | 1            |           |        |
| <b>Planomonospora</b>   |              |           |        |
| Planomonospora alba   | 1            |           |        |
| Planomonospora algeriensis  | 1            |           | neu    |
| Planomonospora corallina  | 1            |           | neu    |
| Planomonospora parantospora subsp. antibiotica                                      | 1            |           |        |
| Planomonospora parantospora subsp. parantospora                                     | 1            |           |        |
| Planomonospora sphaerica  | 1            |           |        |
| Planomonospora venezuelensis  | 1            |           |        |

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|--|--------------|-----------|-----------|
| <b>Planopolyspora → Catenuloplanes</b>                         |              |           |           |
| Planopolyspora crispa → Catenuloplanes crispus                 |              |           |           |
| <b>Planosporangium</b>   |              |           |           |
| Planosporangium flavigriseum                                   | 1            |           |           |
| Planosporangium mesophilum                                     | 1            |           |           |
| Planosporangium thailandense                                   | 1            |           |           |
| <b>Planotetraspora</b>   |              |           |           |
| Planotetraspora kaengkrachanensis                              | 1            |           |           |
| Planotetraspora mira   | 1            |           |           |
| Planotetraspora phitsanulokensis                               | 1            |           |           |
| Planotetraspora silvatica                                      | 1            |           |           |
| Planotetraspora thailandica                                    | 1            |           |           |
| <b>Plantactinospora</b>  |              |           |           |
| Plantactinospora endophytica                                   | 1            |           |           |
| Plantactinospora mayteni                                       | 1            |           |           |
| Plantactinospora siamensis (Actinaurispora siamensis)          | 1            |           |           |
| Plantactinospora sonchi  | 1            |           | neu       |
| Plantactinospora soyae   | 1            |           | neu       |
| Plantactinospora veratri                                       | 1            |           | neu       |
| <b>Plantibacter</b>  |              |           |           |
| Plantibacter auratus   | 1            |           | neu       |
| Plantibacter flavus  | 1            |           |           |
| <b>Plasticicumulans</b>  |              |           |           |
| Plasticicumulans acidivorans                                   | 1            |           |           |
| Plasticicumulans lactativorans                                 | 1            |           |           |
| <b>Pleionea</b>  |              |           |           |
| Pleionea mediterranea  | 1            |           |           |
| <b>Pleomorphobacterium</b>                                     |              |           |           |
| Pleomorphobacterium xiamenense – synonym: Oceanicella actignis |              |           | Umb.      |
| <b>Pleomorphochaeta</b>  |              |           |           |
| Pleomorphochaeta caudata                                       | 1            |           | neu       |
| Pleomorphochaeta multiformis (Sphaerochaeta multiformis)       | 1            |           | neu, Umb. |
| <b>Pleomorphomonas</b>   |              |           |           |
| Pleomorphomonas diazotrophica                                  | 1            |           |           |
| Pleomorphomonas koreensis                                      | 1            |           |           |
| Pleomorphomonas oryzae   | 1            |           |           |
| <b>Plesiocystis</b>  |              |           |           |
| Plesiocystis pacifica  | 1            |           |           |
| <b>Plesiomonas</b>   |              |           |           |
| Plesiomonas shigelloides                                       | 2            | ht        |           |
| <b>Pluralibacter</b>   |              |           |           |
| Pluralibacter gergoviae (Enterobacter gergoviae)               | 2            |           |           |
| Pluralibacter pyrinus (Enterobacter pyrinus)                   | 1            | p         |           |
| <b>Polaribacter</b>  |              |           |           |
| Polaribacter atrinae   | 1            |           |           |

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|---|--------------|-----------|--------|
| Polaribacter butkevichii                            | 1            |           |        |
| Polaribacter dokdonensis                            | 1            |           |        |
| Polaribacter filamentus                             | 1            |           |        |
| Polaribacter franzmannii                            | 1            |           |        |
| Polaribacter gangjinensis                           | 1            |           |        |
| Polaribacter glomeratus (Flectobacillus glomeratus) | 1            |           |        |
| Polaribacter haliotis                               | 1            |           | neu    |
| Polaribacter huanghezhanensis                       | 1            |           |        |
| Polaribacter insulae                                | 1            |           | neu    |
| Polaribacter irgensii                               | 1            |           |        |
| Polaribacter lacunae                                | 1            |           | neu    |
| Polaribacter litorisediminis                        | 1            |           | neu    |
| Polaribacter marinaquae                             | 1            |           | neu    |
| Polaribacter marinivivus                            | 1            |           | neu    |
| Polaribacter pacificus                              | 1            |           | neu    |
| Polaribacter porphyrae                              | 1            |           |        |
| Polaribacter reichenbachii                          | 1            |           |        |
| Polaribacter sejongensis                            | 1            |           |        |
| Polaribacter tangerinus                             | 1            |           | neu    |
| Polaribacter undariae                               | 1            |           | neu    |
| Polaribacter vadi                                   | 1            |           | neu    |
| <b>Polaromonas</b>                                  |              |           |        |
| Polaromonas aquatica                                | 1            |           |        |
| Polaromonas cryoconiti                              | 1            |           |        |
| Polaromonas eurypsychrophila                        | 1            |           | neu    |
| Polaromonas glacialis                               | 1            |           |        |
| Polaromonas hydrogenivorans                         | 1            |           |        |
| Polaromonas jejuensis                               | 1            |           |        |
| Polaromonas naphthalenivorans                       | 1            |           |        |
| Polaromonas vacuolata                               | 1            |           |        |
| <b>Polyangium</b>                                   |              |           |        |
| Polyangium aureum                                   | 1            |           |        |
| Polyangium cellulorum → Sorangium cellulorum        |              |           |        |
| Polyangium fumosum                                  | 1            |           |        |
| Polyangium luteum                                   | 1            |           |        |
| Polyangium minor → Haploangium minus                |              |           |        |
| Polyangium parasiticum                              | 1            |           |        |
| Polyangium rugiseptum → Haploangium rugiseptum      |              |           |        |
| Polyangium solediatum                               | 1            |           |        |
| Polyangium spumosum                                 | 1            |           |        |
| Polyangium vitellinum                               | 1            |           |        |
| <b>Polycladomyces</b>                               |              |           |        |
| Polycladomyces abyssicola                           | 1            |           |        |
| Polycladomyces subterraneus                         | 1            |           | neu    |
| <b>Polygonibacillus</b>                             |              |           |        |

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|---|--------------|-----------|--------|
| <i>Polygonibacillus indicireducens</i>  | 1            |           | neu    |
| <b>Polymorphobacter</b>   |              |           |        |
| <i>Polymorphobacter fuscus</i>  | 1            |           | neu    |
| <i>Polymorphobacter glacialis</i>   | 1            |           | neu    |
| <i>Polymorphobacter multimanifer</i>  | 1            |           |        |
| <b>Polymorphospora</b>  |              |           |        |
| <i>Polymorphospora rubra</i>  | 1            |           |        |
| <b>Polynucleobacter</b>   |              |           |        |
| <i>Polynucleobacter acidiphobus</i>   | 1            |           |        |
| <i>Polynucleobacter aenigmaticus</i>  | 1            |           | neu    |
| <i>Polynucleobacter asymbioticus</i> ( <i>Polynucleobacter necessarius</i> subsp. <i>asymbioticus</i> ) | 1            |           | Umb.   |
| <i>Polynucleobacter cosmopolitanus</i>  | 1            |           |        |
| <i>Polynucleobacter difficilis</i>  | 1            |           |        |
| <i>Polynucleobacter duraquae</i>  | 1            |           | neu    |
| <i>Polynucleobacter necessarius</i> ( <i>Polynucleobacter necessarius</i> subsp. <i>necessarius</i> )   | 1            |           | Umb.   |
| <i>Polynucleobacter necessarius</i> subsp. <i>asymbioticus</i> → <i>Polynucleobacter asymbioticus</i>   |              |           | Umb.   |
| <i>Polynucleobacter necessarius</i> subsp. <i>necessarius</i> → <i>Polynucleobacter necessarius</i>     |              |           | Umb.   |
| <i>Polynucleobacter rarus</i>   | 1            |           |        |
| <i>Polynucleobacter sinensis</i>  | 1            |           | neu    |
| <i>Polynucleobacter sphagniphilus</i>   | 1            |           | neu    |
| <i>Polynucleobacter victoriensis</i>  | 1            |           | neu    |
| <i>Polynucleobacter wuianus</i>   | 1            |           | neu    |
| <b>Pontibaca</b>  |              |           |        |
| <i>Pontibaca methylaminivorans</i>  | 1            |           |        |
| <b>Pontibacillus</b>  |              |           |        |
| <i>Pontibacillus chungwhensis</i>   | 1            |           |        |
| <i>Pontibacillus halophilus</i>   | 1            |           |        |
| <i>Pontibacillus litoralis</i>  | 1            |           |        |
| <i>Pontibacillus marinus</i>  | 1            |           |        |
| <i>Pontibacillus salicampi</i>  | 1            |           | neu    |
| <i>Pontibacillus salipaludis</i>  | 1            |           | neu    |
| <i>Pontibacillus yanchengensis</i>  | 1            |           |        |
| <b>Pontibacter</b>  |              |           |        |
| <i>Pontibacter actiniarum</i>   | 1            |           |        |
| <i>Pontibacter akesuensis</i>   | 1            |           |        |
| <i>Pontibacter amylolyticus</i>   | 1            |           | neu    |
| <i>Pontibacter aurantiacus</i>  | 1            |           | neu    |
| <i>Pontibacter aydingkolensis</i>   | 1            |           | neu    |
| <i>Pontibacter brevis</i>   | 1            |           | neu    |
| <i>Pontibacter chinhatensis</i>   | 1            |           | neu    |
| <i>Pontibacter deserti</i>  | 1            |           |        |
| <i>Pontibacter diazotrophicus</i>   | 1            |           | neu    |
| <i>Pontibacter humi</i>   | 1            |           | neu    |

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|---|--------------|-----------|--------|
| Pontibacter indicus                                   | 1            |           |        |
| Pontibacter korlensis                                 | 1            |           |        |
| Pontibacter litorisediminis                           | 1            |           | neu    |
| Pontibacter localis                                   | 1            |           | neu    |
| Pontibacter lucknowensis                              | 1            |           |        |
| Pontibacter mucosus                                   | 1            |           | neu    |
| Pontibacter niistensis                                | 1            |           |        |
| Pontibacter odishensis                                | 1            |           |        |
| Pontibacter populi                                    | 1            |           |        |
| Pontibacter ramchanderi                               | 1            |           |        |
| Pontibacter roseus (Effluviibacter roseus)            | 1            |           |        |
| Pontibacter ruber                                     | 1            |           |        |
| Pontibacter rugosus                                   | 1            |           | neu    |
| Pontibacter saemangeumensis                           | 1            |           |        |
| Pontibacter soli                                      | 1            |           |        |
| Pontibacter toksunensis                               | 1            |           |        |
| Pontibacter ummariensis                               | 1            |           | neu    |
| Pontibacter virosus                                   | 1            |           | neu    |
| Pontibacter xinjiangensis                             | 1            |           |        |
| Pontibacter yuliensis                                 | 1            |           |        |
| <b>Pontibacterium</b>                                 |              |           |        |
| Pontibacterium granulatum                             | 1            |           | neu    |
| <b>Ponticaulis</b>                                    |              |           |        |
| Ponticaulis koreensis                                 | 1            |           |        |
| <b>Ponticoccus</b>                                    |              |           |        |
| Ponticoccus lacteus                                   | 1            |           | neu    |
| Ponticoccus litoralis                                 | 1            |           |        |
| Ponticoccus marisrubri                                | 1            |           | neu    |
| <b>Pontimonas</b>                                     |              |           |        |
| Pontimonas salivibrio                                 | 1            |           |        |
| <b>Pontirhabdus → Algibacter</b>                      |              |           |        |
| Pontirhabdus pectinivorans → Algibacter pectinivorans |              |           |        |
| <b>Pontivivens</b>                                    |              |           |        |
| Pontivivens insulae                                   | 1            |           | neu    |
| <b>Populibacterium</b>                                |              |           |        |
| Populibacterium corticicola                           | 1            | p         | neu    |
| <b>Porphyrabacter</b>                                 |              |           |        |
| Porphyrabacter algicida                               | 1            |           | neu    |
| Porphyrabacter colymbi                                | 1            |           |        |
| Porphyrabacter cryptus                                | 1            |           |        |
| Porphyrabacter dokdonensis                            | 1            |           |        |
| Porphyrabacter donghaensis                            | 1            |           |        |
| Porphyrabacter mercurialis                            | 1            |           | neu    |
| Porphyrabacter neustonensis                           | 1            |           |        |
| Porphyrabacter sanguineus                             | 1            |           |        |
| Porphyrabacter tepidarius                             | 1            |           |        |

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| <b>Porphyromonas</b>  |              |           |        |
| Porphyromonas asaccharolytica (Bacteroides asaccharolyticus)                          | 2            | ht        |        |
| Porphyromonas bennonis  | 2            |           |        |
| Porphyromonas cangingivalis   | 2            | t         |        |
| Porphyromonas canoris   | 2            | ht        |        |
| Porphyromonas cansulci – synonym: Porphyromonas crevioricanis                         |              |           |        |
| Porphyromonas catoniae (Oribaculum catoniae)  | 2            |           |        |
| Porphyromonas circumdentaria  | 2            | t         |        |
| Porphyromonas crevioricanis   | 2            | t         |        |
| Porphyromonas endodontalis (Bacteroides endodontalis)                                 | 2            |           |        |
| Porphyromonas gingivalis (Bacteroides gingivalis)                                     | 2            | ht        |        |
| Porphyromonas gingivicanis  | 2            | t         |        |
| Porphyromonas gulae   | 2            | t         |        |
| Porphyromonas levii (Bacteroides levii)   | 2            | ht        |        |
| Porphyromonas loveana   | 1            | t+        | neu    |
| Porphyromonas macacae (Bacteroides melanogenicus subsp. macacae, Bacteroides macacae) | 2            | ht        |        |
| Porphyromonas pogonae   | 2            | ht        | neu    |
| Porphyromonas salivosa – synonym: Porphyromonas macacae                               |              |           |        |
| Porphyromonas somerae   | 2            |           |        |
| Porphyromonas uenonis   | 2            |           |        |
| <b>Portibacter</b>  |              |           |        |
| Portibacter lacus   | 1            |           | neu    |
| <b>Porticoccus</b>  |              |           |        |
| Porticoccus litoralis   | 1            |           |        |
| <b>Poseidonocella</b>   |              |           |        |
| Poseidonocella pacifica   | 1            |           |        |
| Poseidonocella sedimentorum   | 1            |           |        |
| <b>Postechiella</b>   |              |           |        |
| Postechiella marina   | 1            |           |        |
| <b>Poalibacter</b>  |              |           |        |
| Poalibacter uvarum  | 1            |           | neu    |
| <b>Pragia</b>   |              |           |        |
| Pragia fontium  | 1            |           |        |
| <b>Prauserella</b>  |              |           |        |
| Prauserella aidingensis   | 1            |           |        |
| Prauserella alba  | 1            |           |        |
| Prauserella coralliicola  | 1            |           | neu    |
| Prauserella endophytica   | 1            |           | neu    |
| Prauserella flava   | 1            |           |        |
| Prauserella halophila   | 1            |           |        |
| Prauserella isguenensis   | 1            |           | neu    |
| Prauserella marina  | 1            |           |        |
| Prauserella muralis   | 1            |           |        |

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|--|--------------|-----------|--------|
| <i>Prauserella oleivorans</i>  | 1            |           | neu    |
| <i>Prauserella rugosa</i> ( <i>Amycolatopsis rugosa</i> )  | 1            |           |        |
| <i>Prauserella salsuginis</i>  | 1            |           |        |
| <i>Prauserella sediminis</i>   | 1            |           |        |
| <i>Prauserella shujinwangii</i>  | 1            |           | neu    |
| <i>Prauserella soli</i>  | 1            |           | neu    |
| <b>Prevotella</b>  |              |           |        |
| <i>Prevotella albensis</i>   | 2            |           |        |
| <i>Prevotella amnii</i>  | 1            | +         |        |
| <i>Prevotella aurantiaca</i>   | 1            | +         |        |
| <i>Prevotella baroniae</i>   | 2            |           |        |
| <i>Prevotella bergensis</i>  | 2            |           |        |
| <i>Prevotella bivia</i> ( <i>Bacteroides bivius</i> )  | 2            | ht        |        |
| <i>Prevotella brevis</i> ( <i>Bacteroides ruminicola</i> subsp. <i>brevis</i> , <i>Prevotella ruminicola</i> subsp. <i>brevis</i> )        | 2            | ht        |        |
| <i>Prevotella bryantii</i>   | 2            |           |        |
| <i>Prevotella buccae</i> ( <i>Bacteroides buccae</i> )   | 2            | ht        |        |
| <i>Prevotella buccalis</i> ( <i>Bacteroides buccalis</i> )   | 2            |           |        |
| <i>Prevotella colorans</i>   | 1            | +         | neu    |
| <i>Prevotella copri</i>  | 1            |           |        |
| <i>Prevotella corporis</i> ( <i>Bacteroides corporis</i> )   | 2            |           |        |
| <i>Prevotella dentalis</i> ( <i>Mitsuokella dentalis</i> )   | 1            | +         |        |
| <i>Prevotella dentasini</i>  | 1            |           |        |
| <i>Prevotella denticola</i> ( <i>Bacteroides denticola</i> )   | 2            | ht        |        |
| <i>Prevotella disiens</i> ( <i>Bacteroides disiens</i> )   | 2            |           |        |
| <i>Prevotella enoeca</i>   | 1            | +         |        |
| <i>Prevotella falsenii</i>   | 1            | t+        | neu    |
| <i>Prevotella fusca</i>  | 1            | +         |        |
| <i>Prevotella heparinolytica</i> ( <i>Bacteroides heparinolyticus</i> )  | 2            | ht        |        |
| <i>Prevotella histicola</i>  | 1            | +         |        |
| <i>Prevotella intermedia</i> ( <i>Bacteroides intermedius</i> , <i>Bacteroides melaninogenicus</i> subsp. <i>intermedius</i> )             | 2            | ht        |        |
| <i>Prevotella jejuni</i>   | 1            | +         |        |
| <i>Prevotella loescheii</i> ( <i>Bacteroides loescheii</i> )   | 2            |           |        |
| <i>Prevotella maculosa</i>   | 1            | +         |        |
| <i>Prevotella marshii</i>  | 2            |           |        |
| <i>Prevotella melaninogenica</i> ( <i>Bacteroides melaninogenicus</i> , <i>Bacteroides melaninogenicus</i> subsp. <i>melaninogenicus</i> ) | 2            | ht        |        |
| <i>Prevotella micans</i>   | 1            | +         |        |
| <i>Prevotella multiformis</i>  | 2            |           |        |
| <i>Prevotella multisaccharivorax</i>   | 2            |           |        |
| <i>Prevotella nanceiensis</i>  | 2            |           |        |
| <i>Prevotella nigrescens</i>   | 2            |           |        |
| <i>Prevotella oralis</i> ( <i>Bacteroides oralis</i> )   | 2            | ht        |        |
| <i>Prevotella oris</i> ( <i>Bacteroides oris</i> )   | 2            |           |        |

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|--|--------------|-----------|--------|
| <i>Prevotella oryzae</i> ( <i>Xylanibacter oryzae</i> )  | 1            |           |        |
| <i>Prevotella oulora</i> ( <i>Bacteroides oulorum</i> )  | 1            |           |        |
| <i>Prevotella pallens</i>  | 2            |           |        |
| <i>Prevotella paludivivens</i>   | 1            |           |        |
| <i>Prevotella pleuritidis</i>  | 1            | +         |        |
| <i>Prevotella ruminicola</i> ( <i>Bacteroides ruminicola</i> subsp. <i>ruminicola</i> )                | 2            |           |        |
| <i>Prevotella ruminicola</i> subsp. <i>brevis</i> → <i>Prevotella brevis</i>                           |              |           |        |
| <i>Prevotella saccharolytica</i>   | 1            |           |        |
| <i>Prevotella salivae</i>  | 1            | +         |        |
| <i>Prevotella scopos</i>   | 1            | +         |        |
| <i>Prevotella shahii</i>   | 1            |           |        |
| <i>Prevotella stercorea</i>  | 1            |           |        |
| <i>Prevotella tannerae</i> → <i>Alloprevotella tannerae</i>  |              |           |        |
| <i>Prevotella timonensis</i>   | 1            | +         |        |
| <i>Prevotella veroralis</i> ( <i>Bacteroides veroralis</i> )   | 1            |           |        |
| <i>Prevotella zoogloformans</i> ( <i>Capsularis zoogloformans</i> , <i>Bacteroides zoogloformans</i> ) | 2            | ht        |        |
| <b>Pricia</b>  |              |           |        |
| <i>Pricia antarctica</i>   | 1            |           |        |
| <b>Primorskyibacter</b>  |              |           |        |
| <i>Primorskyibacter aestuariivivens</i>  | 1            |           | neu    |
| <i>Primorskyibacter insulae</i>  | 1            |           | neu    |
| <i>Primorskyibacter sedentarius</i>  | 1            |           |        |
| <b>Prochloron</b>  |              |           |        |
| <i>Prochloron didemni</i>  | 1            |           |        |
| <b>Prochlorothrix</b>  |              |           |        |
| <i>Prochlorothrix hollandica</i>   | 1            |           |        |
| <b>Profundibacterium</b>   |              |           |        |
| <i>Profundibacterium mesophilum</i>  | 1            |           |        |
| <b>Prolinoborus</b>  |              |           |        |
| <i>Prolinoborus fasciculus</i> ( <i>Aquaspirillum fasciculus</i> )                                     | 1            |           |        |
| <b>Prolixibacter</b>   |              |           |        |
| <i>Prolixibacter bellariivorans</i>  | 1            |           |        |
| <i>Prolixibacter denitrificans</i>   | 1            |           | neu    |
| <b>Promicromonospora</b>   |              |           |        |
| <i>Promicromonospora aerolata</i>  | 1            |           |        |
| <i>Promicromonospora alba</i>  | 1            |           | neu    |
| <i>Promicromonospora callitridis</i>   | 1            |           | neu    |
| <i>Promicromonospora citrea</i>  | 1            |           |        |
| <i>Promicromonospora endophytica</i>   | 1            |           |        |
| <i>Promicromonospora enterophila</i> → <i>Oerskovia enterophila</i>                                    |              |           |        |
| <i>Promicromonospora flava</i> → <i>Krasilnikoviella flava</i>   |              |           | Umb.   |
| <i>Promicromonospora iranensis</i>   | 1            |           | neu    |
| <i>Promicromonospora kermanensis</i>   | 1            |           | neu    |
| <i>Promicromonospora kroppenstedtii</i>  | 1            |           |        |



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| Promicromonospora pachnodae → Xylanimicrobium pachnodae  |              |           |           |
| Promicromonospora soli   | 1            |           | neu       |
| Promicromonospora sukumoe  | 1            |           |           |
| Promicromonospora thailandica  | 1            |           |           |
| Promicromonospora umidemergens   | 1            |           |           |
| Promicromonospora vindobonensis  | 1            |           |           |
| Promicromonospora xylanilytica   | 1            |           |           |
| <b>Propionibacter</b> → <b>Propionivibrio</b>  |              |           |           |
| Propionibacter pelophilus → Propionivibrio pelophilus  |              |           |           |
| <b>Propionibacterium</b>   |              |           |           |
| Propionibacterium acidifaciens   | 1            | +         |           |
| Propionibacterium acidipropionici → Acidipropionibacterium acidipropionici   |              |           | Umb.      |
| Propionibacterium acnes subsp. acnes (Propionibacterium acnes) → Cutibacterium acnes subsp. acnes  |              |           | Umb.      |
| Propionibacterium acnes subsp. defendens → Cutibacterium acnes subsp. defendens  |              |           | neu, Umb. |
| Propionibacterium acnes subsp. elongatum → Cutibacterium acnes subsp. elongatum  |              |           | neu, Umb. |
| Propionibacterium australiense   | 2            | t         |           |
| Propionibacterium avidum → Cutibacterium avidum  |              |           | Umb.      |
| Propionibacterium cyclohexanicum   | 1            |           |           |
| Propionibacterium damnosum → Acidipropionibacterium damnosum   |              |           | neu, Umb. |
| Propionibacterium freudenreichii (Propionibacterium freudenreichii subsp. freudenreichii, Propionibacterium freudenreichii subsp. shermanii) | 1            |           | Umb.      |
| Propionibacterium freudenreichii subsp. freudenreichii – synonym: Propionibacterium freudenreichii   |              |           | Umb.      |
| Propionibacterium freudenreichii subsp. shermanii – synonym: Propionibacterium freudenreichii  |              |           | Umb.      |
| Propionibacterium granulosum → Cutibacterium granulosum  |              |           | Umb.      |
| Propionibacterium innocuum → Propioniferax innocua   |              |           |           |
| Propionibacterium jensenii → Acidipropionibacterium jensenii   |              |           | Umb.      |
| Propionibacterium lymphophilum → Propionimicrobium lymphophilum  |              |           |           |
| Propionibacterium microaerophilum → Acidipropionibacterium microaerophilum   |              |           | Umb.      |
| Propionibacterium namnetense   | 1            | +         | neu       |
| Propionibacterium olivae → Acidipropionibacterium olivae   |              |           | neu, Umb. |
| Propionibacterium propionicum → Pseudopropionibacterium propionicum  |              |           | Umb.      |
| Propionibacterium thoenii → Acidipropionibacterium thoenii   |              |           | Umb.      |

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|---|--------------|-----------|--------|
| <b>Propionicicella</b>  |              |           |        |
| Propionicicella superfundia                                     | 1            |           |        |
| <b>Propioniciclava</b>  |              |           |        |
| Propioniciclava sinopodophylli                                  | 1            |           | neu    |
| Propioniciclava tarda   | 1            |           |        |
| <b>Propionicimonas</b>  |              |           |        |
| Propionicimonas paludicola                                      | 1            |           |        |
| <b>Propioniferax</b>  |              |           |        |
| Propioniferax innocua (Propionibacterium innocuum)              | 1            |           |        |
| <b>Propionigenium</b>   |              |           |        |
| Propionigenium maris  | 1            |           |        |
| Propionigenium modestum   | 1            |           |        |
| <b>Propionimicrobium</b>  |              |           |        |
| Propionimicrobium lymphophilum (Propionibacterium lymphophilum) | 2            |           |        |
| <b>Propionispira</b>  |              |           |        |
| Propionispira arboris   | 1            |           |        |
| Propionispira arcuata   | 1            |           | neu    |
| Propionispira paucivorans (Zymophilus paucivorans)              | 1            |           | Umb.   |
| Propionispira raffinosivorans (Zymophilus raffinosivorans)      | 1            |           | Umb.   |
| <b>Propionispora</b>  |              |           |        |
| Propionispora hippei  | 1            |           |        |
| Propionispora vibrioides  | 1            |           |        |
| <b>Propionivibrio</b>   |              |           |        |
| Propionivibrio dicarboxylicus                                   | 1            |           |        |
| Propionivibrio limicola   | 1            |           |        |
| Propionivibrio pelophilus (Propionibacter pelophilus)           | 1            |           |        |
| <b>Prosthecobacter</b>  |              |           |        |
| Prosthecobacter algae   | 1            |           |        |
| Prosthecobacter debontii  | 1            |           |        |
| Prosthecobacter dejongeii                                       | 1            |           |        |
| Prosthecobacter fluviatilis                                     | 1            |           |        |
| Prosthecobacter fusiformis                                      | 1            |           |        |
| Prosthecobacter vanneervenii                                    | 1            |           |        |
| <b>Prosthecochloris</b>   |              |           |        |
| Prosthecochloris aestuarii                                      | 1            |           |        |
| Prosthecochloris vibrioformis (Chlorobium vibrioforme)          | 1            |           |        |
| <b>Prosthecomicrobium</b>                                       |              |           |        |
| Prosthecomicrobium consociatum → Bauldia consociata             |              |           |        |
| Prosthecomicrobium enhydrium → Devosia enhydra                  |              |           | Umb.   |
| Prosthecomicrobium hirschii                                     | 1            |           |        |
| Prosthecomicrobium litoralum → Bauldia litoralis                |              |           |        |

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|---|--------------|-----------|--------|
| Prosthecomicrobium mishustinii → Devosia mishustinii          |              |           | Umb.   |
| Prosthecomicrobium pneumaticum                                | 1            |           |        |
| <b>Proteiniborus</b>  |              |           |        |
| Proteiniborus ethanoligenes                                   | 1            |           |        |
| <b>Proteiniclasticum</b>                                      |              |           |        |
| Proteiniclasticum ruminis                                     | 1            |           |        |
| <b>Proteiniphilum</b>   |              |           |        |
| Proteiniphilum acetatigenes                                   | 1            |           |        |
| Proteiniphilum saccharofermentans                             | 1            |           | neu    |
| <b>Proteinivorax</b>  |              |           |        |
| Proteinivorax tanatarense                                     | 1            |           |        |
| <b>Proteocatella</b>  |              |           |        |
| Proteocatella sphenisci                                       | 1            |           |        |
| <b>Proteus</b>  |              |           |        |
| Proteus cibarius  | 1            |           | neu    |
| Proteus hauseri   | 2            |           |        |
| Proteus inconstans = Providencia alcalifaciens/stuartii       | 2            | ht        |        |
| Proteus mirabilis   | 2            | ht        |        |
| Proteus morgani = Morganella morgani subsp. morgani           | 2            | ht        |        |
| Proteus myxofaciens → Cosenzaea myxofaciens                   |              |           |        |
| Proteus penneri   | 2            |           |        |
| Proteus rettgeri = Providencia rettgeri                       | 2            |           |        |
| Proteus terrae  | 1            |           | neu    |
| Proteus vulgaris  | 2            |           |        |
| <b>Protomonas → Methylobacterium</b>                          |              |           |        |
| Protomonas extorquens → Methylobacterium extorquens           |              |           |        |
| <b>Providencia</b>  |              |           |        |
| Providencia alcalifaciens = Proteus inconstans                | 2            | ht        |        |
| Providencia burhodogranaria                                   | 1            | n         |        |
| Providencia friedericianae – synonym: Providencia rustigianii |              |           |        |
| Providencia heimbachae  | 1            | +         |        |
| Providencia rettgeri = Proteus rettgeri                       | 2            |           |        |
| Providencia rustigianii                                       | 2            |           |        |
| Providencia sneebia   | 1            | n         |        |
| Providencia stuartii = Proteus inconstans                     | 2            |           |        |
| Providencia thailandensis                                     | 1            |           | neu    |
| Providencia vermicola   | 1            |           |        |
| <b>Pseudacidovorax</b>  |              |           |        |
| Pseudacidovorax intermedius                                   | 1            |           |        |
| <b>Pseudactinotalea</b>                                       |              |           |        |
| Pseudactinotalea suaedae (Actinotalea suaedae)                | 1            |           | Umb.   |
| Pseudactinotalea terrae                                       | 1            |           | neu    |
| <b>Pseudaeromonas</b>   |              |           |        |

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|--|--------------|-----------|-----------|
| <i>Pseudoaeromonas pectinilytica</i>   | 1            |           | neu       |
| <i>Pseudoaeromonas sharmana</i> ( <i>Aeromonas sharmana</i> )                                  | 1            |           | Umb.      |
| <b>Pseudahrensia</b>   |              |           |           |
| <i>Pseudahrensia aquimaris</i>   | 1            |           |           |
| <i>Pseudahrensia todarodis</i>   | 1            |           | neu       |
| <b>Pseudaminobacter</b>  |              |           |           |
| <i>Pseudaminobacter defluvii</i>   | 1            |           |           |
| <i>Pseudaminobacter manganicus</i>   | 1            |           | neu       |
| <i>Pseudaminobacter salicylatoxidans</i>   | 1            |           |           |
| <b>Pseudarcicella</b>  |              |           |           |
| <i>Pseudarcicella hirudinis</i>  | 1            |           |           |
| <b>Pseudarthrobacter</b>   |              |           |           |
| <i>Pseudarthrobacter chlorophenolicus</i> ( <i>Arthrobacter chlorophenolicus</i> )             | 1            |           | Umb.      |
| <i>Pseudarthrobacter defluvii</i> ( <i>Arthrobacter defluvii</i> )                             | 1            |           | Umb.      |
| <i>Pseudarthrobacter equi</i> ( <i>Arthrobacter equi</i> )                                     | 1            |           | neu, Umb. |
| <i>Pseudarthrobacter niigatensis</i> ( <i>Arthrobacter niigatensis</i> )                       | 1            |           | Umb.      |
| <i>Pseudarthrobacter oxydans</i> ( <i>Arthrobacter oxydans</i> )                               | 1            | +         | Umb.      |
| <i>Pseudarthrobacter phenanthrenivorans</i> ( <i>Arthrobacter phenanthrenivorans</i> )         | 1            |           | Umb.      |
| <i>Pseudarthrobacter polychromogenes</i> ( <i>Arthrobacter polychromogenes</i> )               | 1            |           | Umb.      |
| <i>Pseudarthrobacter scleromae</i> ( <i>Arthrobacter scleromae</i> )                           | 1            | +         | Umb.      |
| <i>Pseudarthrobacter siccitolerans</i> ( <i>Arthrobacter siccitolerans</i> )                   | 1            |           | Umb.      |
| <i>Pseudarthrobacter sulfonivorans</i> ( <i>Arthrobacter sulfonivorans</i> )                   | 1            |           | Umb.      |
| <b>Pseudenygromyxa</b>   |              |           |           |
| <i>Pseudenygromyxa salsuginis</i>  | 1            |           |           |
| <b>Pseudescherichia</b>  |              |           |           |
| <i>Pseudescherichia vulneris</i> ( <i>Escherichia vulneris</i> )                               | 2            |           | Umb.      |
| <b>Pseudidiomarina → Idiomarina</b>  |              |           |           |
| <i>Pseudidiomarina aestuarii</i> → <i>Idiomarina aestuarii</i>                                 |              |           |           |
| <i>Pseudidiomarina donghaiensis</i> → <i>Idiomarina donghaiensis</i>                           |              |           |           |
| <i>Pseudidiomarina homiensis</i> ( <i>Idiomarina homiensis</i> ) → <i>Idiomarina homiensis</i> |              |           |           |
| <i>Pseudidiomarina marina</i> → <i>Idiomarina marina</i>                                       |              |           |           |
| <i>Pseudidiomarina maritima</i> → <i>Idiomarina maritima</i>                                   |              |           |           |
| <i>Pseudidiomarina salinarum</i> ( <i>Idiomarina salinarum</i> ) → <i>Idiomarina salinarum</i> |              |           |           |
| <i>Pseudidiomarina sediminum</i> → <i>Idiomarina sediminum</i>                                 |              |           |           |
| <i>Pseudidiomarina tainanensis</i> → <i>Idiomarina tainanensis</i>                             |              |           |           |
| <i>Pseudidiomarina taiwanensis</i> → <i>Idiomarina taiwanensis</i>                             |              |           |           |
| <b>Pseudoalteromonas</b>   |              |           |           |

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|--|--------------|-----------|--------|
| <i>Pseudoalteromonas aestuariivivens</i>   | 1            |           | neu    |
| <i>Pseudoalteromonas agarivorans</i>   | 1            |           |        |
| <i>Pseudoalteromonas aliena</i>  | 1            |           |        |
| <i>Pseudoalteromonas amylolytica</i>   | 1            |           | neu    |
| <i>Pseudoalteromonas antarctica</i>  | 1            |           |        |
| <i>Pseudoalteromonas arabiensis</i>  | 1            |           |        |
| <i>Pseudoalteromonas arctica</i>   | 1            |           |        |
| <i>Pseudoalteromonas atlantica</i> ( <i>Alteromonas atlantica</i> )  | 1            |           |        |
| <i>Pseudoalteromonas aurantia</i> ( <i>Alteromonas aurantia</i> )  | 1            |           |        |
| <i>Pseudoalteromonas bacteriolytica</i> → <i>Algicola bacteriolytica</i>   |              |           |        |
| <i>Pseudoalteromonas byunsanensis</i>  | 1            |           |        |
| <i>Pseudoalteromonas carrageenovora</i> ( <i>Alteromonas carrageenovora</i> )  | 1            |           |        |
| <i>Pseudoalteromonas citrea</i> ( <i>Alteromonas citrea</i> )  | 1            |           |        |
| <i>Pseudoalteromonas denitrificans</i> ( <i>Alteromonas denitrificans</i> )  | 1            |           |        |
| <i>Pseudoalteromonas distincta</i> ( <i>Alteromonas distincta</i> )  | 1            |           |        |
| <i>Pseudoalteromonas donghaensis</i>   | 1            |           |        |
| <i>Pseudoalteromonas elyakovii</i> ( <i>Alteromonas elyakovii</i> )  | 1            | p         |        |
| <i>Pseudoalteromonas espejiana</i> ( <i>Alteromonas espejiana</i> )  | 1            |           |        |
| <i>Pseudoalteromonas fenneropenaei</i>   | 1            |           | neu    |
| <i>Pseudoalteromonas flavipulchra</i>  | 1            |           |        |
| <i>Pseudoalteromonas fuliginea</i> ( <i>Alteromonas fuliginea</i> )  | 1            |           | Umb.   |
| <i>Pseudoalteromonas gelatinilytica</i>  | 1            |           | neu    |
| <i>Pseudoalteromonas haloplanktis</i> ( <i>Alteromonas haloplanktis</i> , <i>Pseudoalteromonas haloplanktis</i> subsp. <i>haloplanktis</i> ) | 1            | n         |        |
| <i>Pseudoalteromonas haloplanktis</i> subsp. <i>haloplanktis</i> → <i>Pseudoalteromonas haloplanktis</i>                                     |              |           |        |
| <i>Pseudoalteromonas haloplanktis</i> subsp. <i>tetraodonis</i> → <i>Pseudoalteromonas tetraodonis</i>                                       |              |           |        |
| <i>Pseudoalteromonas issachenkonii</i>   | 1            |           |        |
| <i>Pseudoalteromonas lipolytica</i>  | 1            |           |        |
| <i>Pseudoalteromonas luteoviolacea</i> ( <i>Alteromonas luteoviolacea</i> )  | 1            |           |        |
| <i>Pseudoalteromonas maricaloris</i>   | 1            |           |        |
| <i>Pseudoalteromonas marina</i>  | 1            |           |        |
| <i>Pseudoalteromonas mariniglutinosa</i>   | 1            |           |        |
| <i>Pseudoalteromonas neustonica</i>  | 1            |           | neu    |
| <i>Pseudoalteromonas nigrifaciens</i> ( <i>Alteromonas nigrifaciens</i> )  | 1            |           |        |
| <i>Pseudoalteromonas paragorgicola</i>   | 1            |           |        |
| <i>Pseudoalteromonas peptidolytica</i>   | 1            |           |        |
| <i>Pseudoalteromonas phenolica</i>   | 1            |           |        |
| <i>Pseudoalteromonas piratica</i>  | 1            | n         | neu    |

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|---|--------------|-----------|--------|
| <i>Pseudoalteromonas piscicida</i> („ <i>Pseudomonas</i> “<br><i>piscicida</i> )  | 1            | t2        |        |
| <i>Pseudoalteromonas profundus</i>  | 1            |           | neu    |
| <i>Pseudoalteromonas prydzensis</i>   | 1            |           |        |
| <i>Pseudoalteromonas rubra</i> ( <i>Alteromonas rubra</i> )   | 1            |           |        |
| <i>Pseudoalteromonas rutenica</i>   | 1            |           |        |
| <i>Pseudoalteromonas sagamiensis</i> → <i>Algicola sagamiensis</i>  |              |           |        |
| <i>Pseudoalteromonas shioyasakiensis</i>  | 1            |           |        |
| <i>Pseudoalteromonas spongiae</i>   | 1            |           |        |
| <i>Pseudoalteromonas tetraodonis</i> ( <i>Alteromonas tetraodonis</i> , <i>Pseudoalteromonas haloplanktis</i> subsp. <i>tetraodonis</i> ) | 1            | n         |        |
| <i>Pseudoalteromonas translucida</i>  | 1            |           |        |
| <i>Pseudoalteromonas tunicata</i>   | 1            |           |        |
| <i>Pseudoalteromonas ulvae</i>  | 1            |           |        |
| <i>Pseudoalteromonas undina</i> ( <i>Alteromonas undina</i> )   | 1            |           |        |
| <i>Pseudoalteromonas xiamenensis</i>  | 1            |           |        |
| <b>Pseudoamycolata</b> → <b>Pseudonocardia</b>  |              |           |        |
| <i>Pseudoamycolata halophobica</i> → <i>Pseudonocardia halophobica</i>  |              |           |        |
| <b>Pseudobacter</b>   |              |           |        |
| <i>Pseudobacter ginsenosidimutans</i>   | 1            |           | neu    |
| <b>Pseudobacteriovorax</b>  |              |           |        |
| <i>Pseudobacteriovorax antillogorgiicola</i>  | 1            |           | neu    |
| <b>Pseudobacteroides</b>  |              |           |        |
| <i>Pseudobacteroides cellulossolvens</i> ( <i>Bacteroides cellulossolvens</i> )   | 1            |           |        |
| <b>Pseudobowmanella</b>   |              |           |        |
| <i>Pseudobowmanella zhangzhouensis</i>  | 1            |           | neu    |
| <b>Pseudobutyrvibrio</b>  |              |           |        |
| <i>Pseudobutyrvibrio ruminis</i>  | 1            |           |        |
| <i>Pseudobutyrvibrio xylanivorans</i>   | 1            |           |        |
| <b>Pseudocaedibacter</b>  |              |           |        |
| <i>Pseudocaedibacter conjugatus</i>   | 1            |           |        |
| <i>Pseudocaedibacter falsus</i>   | 1            |           |        |
| <i>Pseudocaedibacter minutus</i>  | 1            |           |        |
| <b>Pseudochelatooccus</b>   |              |           |        |
| <i>Pseudochelatooccus contaminans</i>   | 1            |           | neu    |
| <i>Pseudochelatooccus lubricantis</i>   | 1            |           | neu    |
| <b>Pseudochrobactrum</b>  |              |           |        |
| <i>Pseudochrobactrum asaccharolyticum</i>   | 1            | +         | neu    |
| <i>Pseudochrobactrum glaciei</i> → <i>Paenochrobactrum glaciei</i>  |              |           |        |
| <i>Pseudochrobactrum kiredjianiae</i>   | 1            |           |        |
| <i>Pseudochrobactrum lubricantis</i>  | 1            |           |        |
| <i>Pseudochrobactrum saccharolyticum</i>  | 1            |           |        |
| <b>Pseudoclavibacter</b>  |              |           |        |
| <i>Pseudoclavibacter caeni</i>  | 1            |           |        |

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|---|--------------|-----------|--------|
| <i>Pseudoclavibacter chungangensis</i>                                      | 1            |           |        |
| <i>Pseudoclavibacter endophyticus</i>                                       | 1            |           | neu    |
| <i>Pseudoclavibacter helvolus</i> = <i>Zimmermannella helvola</i>           | 1            |           |        |
| <i>Pseudoclavibacter soli</i>   | 1            |           |        |
| <i>Pseudoclavibacter terrae</i>   | 1            |           | neu    |
| <b>Pseudodesulfovibrio</b>  |              |           |        |
| <i>Pseudodesulfovibrio aespoeensis</i> ( <i>Desulfovibrio aespoeensis</i> ) | 1            |           | Umb.   |
| <i>Pseudodesulfovibrio indicus</i>  | 1            |           | neu    |
| <i>Pseudodesulfovibrio piezophilus</i> ( <i>Desulfovibrio piezophilus</i> ) | 1            |           | Umb.   |
| <i>Pseudodesulfovibrio portus</i> ( <i>Desulfovibrio portus</i> )           | 1            |           | Umb.   |
| <i>Pseudodesulfovibrio profundus</i> ( <i>Desulfovibrio profundus</i> )     | 1            |           | Umb.   |
| <b>Pseudodonghicola</b>   |              |           |        |
| <i>Pseudodonghicola xiamenensis</i> ( <i>Donghicola xiamenensis</i> )       | 1            |           | Umb.   |
| <b>Pseudoduganella</b>  |              |           |        |
| <i>Pseudoduganella danionis</i>   | 1            |           | neu    |
| <i>Pseudoduganella eburnea</i>  | 1            |           | neu    |
| <i>Pseudoduganella violaceinigra</i> ( <i>Duganella violaceinigra</i> )     | 1            |           |        |
| <b>Pseudoflavitalea</b>   |              |           |        |
| <i>Pseudoflavitalea rhizosphaerae</i>                                       | 1            |           | neu    |
| <b>Pseudoflavonifractor</b>   |              |           |        |
| <i>Pseudoflavonifractor capillosus</i> ( <i>Bacteroides capillosus</i> )    | 2            |           |        |
| <b>Pseudofulvibacter</b>  |              |           |        |
| <i>Pseudofulvibacter gastropodicola</i>                                     | 1            |           | neu    |
| <i>Pseudofulvibacter geojedonensis</i>                                      | 1            |           |        |
| <i>Pseudofulvibacter marinus</i>  | 1            |           | neu    |
| <b>Pseudofulvimonas</b>   |              |           |        |
| <i>Pseudofulvimonas gallinarii</i>  | 1            |           |        |
| <b>Pseudoglutamicibacter</b>  |              |           |        |
| <i>Pseudoglutamicibacter albus</i> ( <i>Arthrobacter albus</i> )            | 2            |           | Umb.   |
| <i>Pseudoglutamicibacter cumminsii</i> ( <i>Arthrobacter cumminsii</i> )    | 2            |           | Umb.   |
| <b>Pseudogracilibacillus</b>  |              |           |        |
| <i>Pseudogracilibacillus auburnensis</i>                                    | 1            |           | neu    |
| <i>Pseudogracilibacillus endophyticus</i>                                   | 1            |           | neu    |
| <i>Pseudogracilibacillus marinus</i>  | 1            |           | neu    |
| <b>Pseudogulbenkiania</b>   |              |           |        |
| <i>Pseudogulbenkiania gefcensis</i>   | 1            |           |        |
| <i>Pseudogulbenkiania subflava</i>  | 1            |           |        |
| <b>Pseudohalaea</b>   |              |           |        |
| <i>Pseudohalaea rubra</i> ( <i>Halaea rubra</i> )                           | 1            |           |        |
| <b>Pseudohalocynthiibacter</b>  |              |           |        |
| <i>Pseudohalocynthiibacter aestuariivivens</i>                              | 1            |           | neu    |
| <b>Pseudohoeflea</b>  |              |           |        |

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|--|--------------|-----------|-----------|
| Pseudohoeftlea suaedae (Hoeftlea suaedae)                                    | 1            |           | Umb.      |
| <b>Pseudohongiella</b>   |              |           |           |
| Pseudohongiella acticola   | 1            |           | neu       |
| Pseudohongiella nitratreducens   | 1            |           | neu       |
| Pseudohongiella spirulinae (Nonhongiella spirulinensis)                      | 1            |           | neu, Umb. |
| <b>Pseudokineococcus</b>   |              |           |           |
| Pseudokineococcus basanitobsidens  | 1            |           | neu       |
| Pseudokineococcus lusitanus  | 1            |           |           |
| Pseudokineococcus marinus (Kineococcus marinus)                              | 1            |           |           |
| <b>Pseudolabrys</b>  |              |           |           |
| Pseudolabrys taiwanensis   | 1            |           |           |
| <b>Pseudomaricurvus</b>  |              |           |           |
| Pseudomaricurvus alcaniphilus  | 1            |           | neu       |
| Pseudomaricurvus alkylphenolicus   | 1            |           |           |
| <b>Pseudomonas</b>   |              |           |           |
| Pseudomonas abietaniphila  | 1            |           |           |
| Pseudomonas acidovorans → Delftia acidovorans                                |              |           |           |
| Pseudomonas aeruginosa   | 2            | ht, T     | Bem.      |
| Pseudomonas aestusnigri  | 1            |           | neu       |
| Pseudomonas agarici  | 1            | p         |           |
| Pseudomonas alcaligenes  | 2            |           |           |
| Pseudomonas alcaliphila  | 1            |           |           |
| Pseudomonas alkylphenolica   | 1            |           | neu       |
| Pseudomonas aminovorans → Aminobacter aminovorans                            |              |           |           |
| Pseudomonas amygdali   | 1            | p         |           |
| Pseudomonas andropogonis → Burkholderia andropogonis                         |              |           |           |
| Pseudomonas anguilliseptica  | 1            | t2        |           |
| Pseudomonas antarctica   | 1            |           |           |
| Pseudomonas antimicrobica – synonym: Burkholderia gladioli                   |              |           |           |
| Pseudomonas argentinensis  | 1            |           |           |
| Pseudomonas arsenicoxydans   | 1            |           |           |
| Pseudomonas asplenii   | 1            | p         |           |
| Pseudomonas asturiensis  | 1            | p         |           |
| Pseudomonas asuensis   | 1            |           | neu       |
| Pseudomonas aurantiaca – synonym: Pseudomonas chlororaphis subsp. aurantiaca |              |           |           |
| Pseudomonas aureofaciens → Pseudomonas chlororaphis subsp. aureofaciens      |              |           |           |
| Pseudomonas avellanae (Pseudomonas syringae pv. avellanae)                   | 1            | p         |           |
| Pseudomonas avenae → Acidovorax avenae                                       |              |           |           |
| Pseudomonas azotifigens  | 1            |           |           |
| Pseudomonas azotoformans   | 1            |           |           |
| Pseudomonas baetica  | 1            | t2        |           |



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|--|--------------|-----------|--------|
| <i>Pseudomonas balearica</i>   | 1            |           |        |
| <i>Pseudomonas bauzanensis</i>   | 1            |           |        |
| <i>Pseudomonas beijerinckii</i> → <i>Chromohalobacter beijerinckii</i>                             |              |           |        |
| <i>Pseudomonas benzenivorans</i>   | 1            |           |        |
| <i>Pseudomonas beteli</i>  | 1            |           |        |
| <i>Pseudomonas borbori</i>   | 1            |           |        |
| <i>Pseudomonas boreopolis</i>  | 1            |           |        |
| <i>Pseudomonas brassicacearum</i> → <i>Pseudomonas brassicacearum</i> subsp. <i>brassicacearum</i> |              |           |        |
| <i>Pseudomonas brassicacearum</i> subsp. <i>brassicacearum</i>                                     | 1            |           |        |
| <i>Pseudomonas brassicacearum</i> subsp. <i>neaurantiaca</i>                                       | 1            |           |        |
| <i>Pseudomonas brenneri</i>  | 1            |           |        |
| <i>Pseudomonas caeni</i>   | 1            |           |        |
| <i>Pseudomonas canadensis</i>  | 1            |           | neu    |
| <i>Pseudomonas cannabina</i>   | 1            |           |        |
| <i>Pseudomonas carboxydohydrogena</i>  | 1            |           |        |
| <i>Pseudomonas caricapapayae</i>   | 1            | p         |        |
| <i>Pseudomonas caryophylli</i> → <i>Burkholderia caryophylli</i>                                   |              |           |        |
| <i>Pseudomonas caspiana</i>  | 1            | p2        | neu    |
| <i>Pseudomonas cattleyae</i> → <i>Acidovorax cattleyae</i>   |              |           |        |
| <i>Pseudomonas cedrella</i>  | 1            |           |        |
| <i>Pseudomonas cedrina</i> subsp. <i>cedrina</i>   | 1            |           |        |
| <i>Pseudomonas cedrina</i> subsp. <i>fulgida</i>   | 1            |           |        |
| <i>Pseudomonas cepacia</i> → <i>Burkholderia cepacia</i>   |              |           |        |
| <i>Pseudomonas cerasi</i>  | 1            | p         | neu    |
| <i>Pseudomonas chengduensis</i>  | 1            |           |        |
| <i>Pseudomonas chloritidismutans</i>   | 1            |           |        |
| <i>Pseudomonas chlororaphis</i> subsp. <i>aurantiaca</i>   | 1            |           |        |
| <i>Pseudomonas chlororaphis</i> subsp. <i>aureofaciens</i> ( <i>Pseudomonas aureofaciens</i> )     | 1            |           |        |
| <i>Pseudomonas chlororaphis</i> subsp. <i>chlororaphis</i> ( <i>Pseudomonas chlororaphis</i> )     | 1            |           |        |
| <i>Pseudomonas chlororaphis</i> subsp. <i>piscium</i>  | 1            |           |        |
| <i>Pseudomonas chlororaphis</i> → <i>Pseudomonas chlororaphis</i> subsp. <i>chlororaphis</i>       |              |           |        |
| <i>Pseudomonas cichorii</i>  | 1            | p         |        |
| <i>Pseudomonas cissicola</i>   | 1            | p         |        |
| <i>Pseudomonas citronellolis</i>   | 1            |           |        |
| <i>Pseudomonas cocovenenans</i> → <i>Burkholderia gladioli</i>                                     |              |           |        |
| <i>Pseudomonas composti</i>  | 1            |           |        |
| <i>Pseudomonas congelans</i>   | 1            |           |        |
| <i>Pseudomonas corrugata</i>   | 1            | p         |        |
| <i>Pseudomonas costantinii</i>   | 1            | p         |        |
| <i>Pseudomonas cremoricolorata</i>   | 1            |           |        |
| <i>Pseudomonas cuatrocienegasensis</i>   | 1            |           |        |

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|--|--------------|-----------|--------|
| <i>Pseudomonas deceptionensis</i>                                      | 1            |           |        |
| <i>Pseudomonas delafieldii</i> → <i>Acidovorax delafieldii</i>         |              |           |        |
| <i>Pseudomonas delhiensis</i>  | 1            |           |        |
| <i>Pseudomonas diminuta</i> → <i>Brevundimonas diminuta</i>            |              |           |        |
| <i>Pseudomonas donghuensis</i>   | 1            |           | neu    |
| <i>Pseudomonas doudoroffii</i> → <i>Oceanimonas doudoroffii</i>        |              |           |        |
| <i>Pseudomonas duriflava</i>   | 1            |           |        |
| <i>Pseudomonas echinoides</i> → <i>Sphingomonas echinoides</i>         |              |           |        |
| <i>Pseudomonas elongata</i> → <i>Microbulbifer elongatus</i>           |              |           |        |
| <i>Pseudomonas endophytica</i>   | 1            |           | neu    |
| <i>Pseudomonas entomophila</i>   | 1            | n         |        |
| <i>Pseudomonas extremaustralis</i>                                     | 1            |           |        |
| <i>Pseudomonas extremorientalis</i>                                    | 1            |           |        |
| <i>Pseudomonas facilis</i> → <i>Acidovorax facilis</i>                 |              |           |        |
| <i>Pseudomonas ficuserectae</i> – synonym: <i>Pseudomonas amygdali</i> |              |           |        |
| <i>Pseudomonas flava</i> → <i>Hydrogenophaga flava</i>                 |              |           |        |
| <i>Pseudomonas flavescens</i>  | 1            | p         |        |
| <i>Pseudomonas flectens</i> → <i>Phaseolibacter flectens</i>           |              |           |        |
| <i>Pseudomonas flexibilis</i> ( <i>Serpens flexibilis</i> )            | 1            |           | Umb.   |
| <i>Pseudomonas floridensis</i>   | 1            | p2        | neu    |
| <i>Pseudomonas fluorescens</i>   | 1            | +, n      |        |
| <i>Pseudomonas fluvialis</i>   | 1            |           | neu    |
| <i>Pseudomonas formosensis</i>   | 1            |           |        |
| <i>Pseudomonas fragi</i>   | 1            |           |        |
| <i>Pseudomonas frederiksbergensis</i>                                  | 1            |           |        |
| <i>Pseudomonas fulva</i>   | 1            |           |        |
| <i>Pseudomonas fuscovaginae</i>  | 1            |           |        |
| <i>Pseudomonas gelidicola</i>  | 1            |           |        |
| <i>Pseudomonas geniculata</i>  | 1            |           |        |
| <i>Pseudomonas gessardii</i>   | 1            |           |        |
| <i>Pseudomonas gladioli</i> → <i>Burkholderia gladioli</i>             |              |           |        |
| <i>Pseudomonas glareae</i>   | 1            |           | neu    |
| <i>Pseudomonas glathei</i> → <i>Caballeronia glathei</i>               |              |           | Umb.   |
| <i>Pseudomonas glumae</i> → <i>Burkholderia glumae</i>                 |              |           |        |
| <i>Pseudomonas graminis</i>  | 1            |           |        |
| <i>Pseudomonas granadensis</i>   | 1            |           | neu    |
| <i>Pseudomonas grimontii</i>   | 1            |           |        |
| <i>Pseudomonas guangdongensis</i>                                      | 1            |           |        |
| <i>Pseudomonas guariconensis</i>                                       | 1            |           |        |
| <i>Pseudomonas guguanensis</i>   | 1            |           |        |
| <i>Pseudomonas guineae</i>   | 1            |           |        |
| <i>Pseudomonas halophila</i>   | 1            |           |        |
| <i>Pseudomonas helleri</i>   | 1            |           | neu    |

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|--|--------------|-----------|--------|
| <i>Pseudomonas helmanticensis</i>  | 1            |           | neu    |
| <i>Pseudomonas hibiscicola</i>   | 1            | p         |        |
| <i>Pseudomonas hussainii</i>   | 1            |           | neu    |
| <i>Pseudomonas huttiensis</i> → <i>Herbaspirillum huttiense</i>          |              |           |        |
| <i>Pseudomonas indica</i>  | 1            |           |        |
| <i>Pseudomonas indigofera</i> → <i>Vogesella indigofera</i>              |              |           |        |
| <i>Pseudomonas iners</i> – synonym: <i>Marinobacterium georgiense</i>    |              |           |        |
| <i>Pseudomonas japonica</i>  | 1            |           |        |
| <i>Pseudomonas jessenii</i>  | 1            |           |        |
| <i>Pseudomonas jinjuensis</i>  | 1            |           |        |
| <i>Pseudomonas kilonensis</i>  | 1            |           |        |
| <i>Pseudomonas knackmussii</i>   | 1            |           |        |
| <i>Pseudomonas koreensis</i>   | 1            |           |        |
| <i>Pseudomonas kunmingensis</i>  | 1            |           |        |
| <i>Pseudomonas kuykendallii</i>  | 1            |           |        |
| <i>Pseudomonas lactis</i>  | 1            |           | neu    |
| <i>Pseudomonas lanceolata</i> → <i>Curvibacter lanceolatus</i>           |              |           |        |
| <i>Pseudomonas lemoignei</i> → <i>Paucimonas lemoignei</i>               |              |           |        |
| <i>Pseudomonas libanensis</i>  | 1            |           |        |
| <i>Pseudomonas lini</i>  | 1            |           |        |
| <i>Pseudomonas linyingensis</i>  | 1            |           | neu    |
| <i>Pseudomonas litoralis</i>   | 1            |           |        |
| <i>Pseudomonas lundensis</i>   | 1            |           |        |
| <i>Pseudomonas lurida</i>  | 1            |           |        |
| <i>Pseudomonas lutea</i>   | 1            |           |        |
| <i>Pseudomonas luteola</i>   | 2            |           |        |
| <i>Pseudomonas mallei</i> → <i>Burkholderia mallei</i>                   |              |           |        |
| <i>Pseudomonas maltophilia</i> → <i>Stenotrophomonas maltophilia</i>     |              |           |        |
| <i>Pseudomonas mandelii</i>  | 1            |           |        |
| <i>Pseudomonas marginalis</i>  | 1            | p         |        |
| <i>Pseudomonas marina</i> → <i>Cobetia marina</i>                        |              |           |        |
| <i>Pseudomonas marincola</i>   | 1            |           |        |
| <i>Pseudomonas matsuisoli</i>  | 1            |           | neu    |
| <i>Pseudomonas mediterranea</i>  | 1            | p         |        |
| <i>Pseudomonas meliae</i> – synonym: <i>Pseudomonas amygdali</i>         |              |           |        |
| <i>Pseudomonas mendocina</i>   | 2            |           |        |
| <i>Pseudomonas mephitica</i> – synonym: <i>Janthinobacterium lividum</i> |              |           |        |
| <i>Pseudomonas meridiana</i>   | 1            |           |        |
| <i>Pseudomonas mesophilica</i> → <i>Methylobacterium mesophilicum</i>    |              |           |        |
| <i>Pseudomonas migulae</i>   | 1            |           |        |
| <i>Pseudomonas mixta</i> → <i>Telluria mixta</i>                         |              |           |        |

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| <i>Pseudomonas mohnii</i>  | 1            |           |        |
| <i>Pseudomonas monteilii</i>   | 1            | +         |        |
| <i>Pseudomonas moorei</i>  | 1            |           |        |
| <i>Pseudomonas moraviensis</i>   | 1            |           |        |
| <i>Pseudomonas mosselii</i>  | 1            | +         |        |
| <i>Pseudomonas mucidolens</i>  | 1            |           |        |
| <i>Pseudomonas multiresinivorans</i> – synonym:<br><i>Pseudomonas nitroreducens</i>      |              |           |        |
| <i>Pseudomonas nautica</i> → <i>Marinobacter hydrocarbonoclasticus</i>                   |              |           |        |
| <i>Pseudomonas nitritireducens</i>   | 1            |           | neu    |
| <i>Pseudomonas nitroreducens</i>   | 1            |           |        |
| <i>Pseudomonas oceani</i>  | 1            |           | neu    |
| <i>Pseudomonas oleovorans</i> → <i>Pseudomonas oleovorans</i> subsp. <i>oleovorans</i>   |              |           |        |
| <i>Pseudomonas oleovorans</i> subsp. <i>lubricantis</i>                                  | 1            |           |        |
| <i>Pseudomonas oleovorans</i> subsp. <i>oleovorans</i> ( <i>Pseudomonas oleovorans</i> ) | 1            | +, n      |        |
| <i>Pseudomonas orientalis</i>  | 1            |           |        |
| <i>Pseudomonas oryzihabitans</i>   | 2            |           |        |
| <i>Pseudomonas otitidis</i>  | 2            |           |        |
| <i>Pseudomonas pachastrellae</i>   | 1            |           |        |
| <i>Pseudomonas palleroniana</i>  | 1            | p         |        |
| <i>Pseudomonas palleronii</i> → <i>Hydrogenophaga palleronii</i>                         |              |           |        |
| <i>Pseudomonas panacis</i>   | 1            | p         |        |
| <i>Pseudomonas panipatensis</i>  | 1            |           |        |
| <i>Pseudomonas parafulva</i>   | 1            |           |        |
| <i>Pseudomonas paralactis</i>  | 1            |           | neu    |
| <i>Pseudomonas paucimobilis</i> → <i>Sphingomonas paucimobilis</i>                       |              |           |        |
| <i>Pseudomonas pelagia</i>   | 1            |           |        |
| <i>Pseudomonas peli</i>  | 1            |           |        |
| <i>Pseudomonas perfectomarina</i> – synonym: <i>Pseudomonas stutzeri</i>                 |              |           |        |
| <i>Pseudomonas pertucinogena</i>   | 1            |           |        |
| <i>Pseudomonas phenazinium</i> → <i>Burkholderia phenazinium</i>                         |              |           |        |
| <i>Pseudomonas pickettii</i> → <i>Ralstonia pickettii</i>                                |              |           |        |
| <i>Pseudomonas pictorum</i> → <i>Stenotrophomonas pictorum</i>                           |              |           | Umb.   |
| „ <i>Pseudomonas</i> “ <i>piscicida</i> → <i>Pseudoalteromonas piscicida</i>             |              |           |        |
| <i>Pseudomonas plantarii</i> → <i>Burkholderia plantarii</i>                             |              |           |        |
| <i>Pseudomonas plecoglossicida</i>   | 1            | t2        |        |
| <i>Pseudomonas poae</i>  | 1            |           |        |
| <i>Pseudomonas pohangensis</i>   | 1            |           |        |
| <i>Pseudomonas populi</i>  | 1            |           | neu    |
| <i>Pseudomonas prosekii</i>  | 1            |           | neu    |
| <i>Pseudomonas protegens</i>   | 1            |           |        |

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| <i>Pseudomonas proteolytica</i>   | 1            |           |        |
| <i>Pseudomonas pseudoalcaligenes</i> – synonym:<br><i>Pseudomonas oleovorans</i> subsp. <i>oleovorans</i> |              |           |        |
| <i>Pseudomonas pseudoalcaligenes</i> subsp. <i>citrulli</i><br>→ <i>Acidovorax citrulli</i>               |              |           |        |
| <i>Pseudomonas pseudoalcaligenes</i> subsp. <i>konjaci</i><br>→ <i>Acidovorax konjaci</i>                 |              |           |        |
| <i>Pseudomonas pseudoflava</i> → <i>Hydrogenophaga pseudoflava</i>  |              |           |        |
| <i>Pseudomonas pseudomallei</i> → <i>Burkholderia pseudomallei</i>  |              |           |        |
| <i>Pseudomonas psychrophila</i>   | 1            |           |        |
| <i>Pseudomonas psychrotolerans</i>  | 1            |           |        |
| <i>Pseudomonas punonensis</i>   | 1            |           |        |
| <i>Pseudomonas putida</i>   | 2            | ht        |        |
| <i>Pseudomonas pyrrocinia</i> → <i>Burkholderia pyrrocinia</i>  |              |           |        |
| <i>Pseudomonas radora</i> → <i>Methylobacterium radiotolerans</i>   |              |           |        |
| <i>Pseudomonas reidholzensis</i>  | 1            |           | neu    |
| <i>Pseudomonas reinekei</i>   | 1            |           |        |
| <i>Pseudomonas resinovorans</i>   | 1            |           |        |
| <i>Pseudomonas rhizosphaerae</i>  | 1            |           |        |
| <i>Pseudomonas rhodesiae</i>  | 1            |           |        |
| <i>Pseudomonas rhodos</i> → <i>Methylobacterium rhodinum</i>  |              |           |        |
| „ <i>Pseudomonas riboflavina</i> “ → <i>Devosia riboflavina</i>   |              |           |        |
| <i>Pseudomonas rubrilineans</i> – synonym: <i>Acidovorax avenae</i> subsp. <i>avenae</i>                  |              |           |        |
| <i>Pseudomonas rubrisubalbicans</i> → <i>Herbaspirillum rubrisubalbicans</i>                              |              |           |        |
| <i>Pseudomonas sabulinigri</i>  | 1            |           |        |
| <i>Pseudomonas saccharophila</i> → <i>Pelomonas saccharophila</i>   |              |           |        |
| <i>Pseudomonas sagittaria</i>   | 1            |           |        |
| <i>Pseudomonas salegens</i>   | 1            |           | neu    |
| <i>Pseudomonas salina</i>   | 1            |           | neu    |
| <i>Pseudomonas salomonii</i>  | 1            | p         |        |
| <i>Pseudomonas saponiphila</i>  | 1            |           |        |
| <i>Pseudomonas savastanoi</i> ( <i>Pseudomonas syringae</i> subsp. <i>savastanoi</i> )                    | 1            | p         |        |
| <i>Pseudomonas segetis</i>  | 1            |           |        |
| <i>Pseudomonas seleniipraecipitans</i>  | 1            |           |        |
| <i>Pseudomonas sesami</i>   | 1            |           | neu    |
| <i>Pseudomonas simiae</i>   | 2            | t         |        |
| <i>Pseudomonas solanacearum</i> → <i>Ralstonia solanacearum</i>   |              |           |        |
| <i>Pseudomonas soli</i>   | 1            |           | neu    |
| <i>Pseudomonas spinosa</i> → <i>Malikia spinosa</i>   |              |           |        |
| <i>Pseudomonas stanieri</i> → <i>Marinobacterium stanieri</i>   |              |           |        |
| <i>Pseudomonas straminea</i>  | 1            |           |        |

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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| <i>Pseudomonas stutzeri</i>  | 1            | +         |        |
| <i>Pseudomonas synxantha</i>   | 1            |           |        |
| <i>Pseudomonas syringae</i>  | 1            | p2        |        |
| <i>Pseudomonas syringae</i> pv. <i>avellanae</i> → <i>Pseudomonas avellanae</i>                        |              |           |        |
| <i>Pseudomonas syringae</i> subsp. <i>savastanoi</i> → <i>Pseudomonas savastanoi</i>                   |              |           |        |
| <i>Pseudomonas syzygii</i> → <i>Ralstonia syzygii</i>  |              |           |        |
| <i>Pseudomonas taeanensis</i>  | 1            |           |        |
| <i>Pseudomonas taeniospiralis</i> → <i>Hydrogenophaga taeniospiralis</i>                               |              |           |        |
| <i>Pseudomonas taetrolens</i>  | 1            |           |        |
| <i>Pseudomonas taiwanensis</i>   | 1            |           |        |
| <i>Pseudomonas tarimensis</i>  | 1            |           | neu    |
| <i>Pseudomonas testosteroni</i> → <i>Comamonas testosteroni</i>  |              |           |        |
| <i>Pseudomonas thermotolerans</i>  | 1            |           |        |
| <i>Pseudomonas thivervalensis</i>  | 1            |           |        |
| <i>Pseudomonas tolaasii</i>  | 1            | p         |        |
| <i>Pseudomonas toyotomiensis</i>   | 1            |           |        |
| <i>Pseudomonas tremae</i>  | 1            | p         |        |
| <i>Pseudomonas trivialis</i>   | 1            |           |        |
| <i>Pseudomonas tuomuerensis</i> – synonym: <i>Pseudomonas flexibilis</i> ( <i>Serpens flexibilis</i> ) |              |           | Umb.   |
| <i>Pseudomonas turukhanskensis</i>   | 1            |           | neu    |
| <i>Pseudomonas umsongensis</i>   | 1            |           |        |
| <i>Pseudomonas vancouverensis</i>  | 1            |           |        |
| <i>Pseudomonas veronii</i>   | 1            |           |        |
| <i>Pseudomonas versuta</i>   | 1            |           | neu    |
| <i>Pseudomonas vesicularis</i> → <i>Brevundimonas vesicularis</i>                                      |              |           |        |
| <i>Pseudomonas viridiflava</i>   | 1            | p2        | Bem.   |
| <i>Pseudomonas vranovensis</i>   | 1            |           |        |
| <i>Pseudomonas wadenswilerensis</i>  | 1            |           | neu    |
| <i>Pseudomonas weihenstephanensis</i>  | 1            |           | neu    |
| <i>Pseudomonas woodsii</i> – synonym: <i>Burkholderia andropogonis</i>                                 |              |           |        |
| <i>Pseudomonas xanthomarina</i>  | 1            |           |        |
| <i>Pseudomonas xiamenensis</i>   | 1            |           |        |
| <i>Pseudomonas xinjiangensis</i>   | 1            |           |        |
| <i>Pseudomonas yamanorum</i>   | 1            |           | neu    |
| <i>Pseudomonas zeshuii</i>   | 1            |           |        |
| <i>Pseudomonas zhaodongensis</i>   | 1            |           | neu    |
| <b>Pseudonocardia</b>  |              |           |        |
| <i>Pseudonocardia acaciae</i>  | 1            |           |        |
| <i>Pseudonocardia adelaidensis</i>   | 1            |           |        |
| <i>Pseudonocardia alaniniphila</i>   | 1            |           |        |
| <i>Pseudonocardia alni</i> ( <i>Amycolata alni</i> )   | 1            |           |        |
| <i>Pseudonocardia ammonioxydans</i>  | 1            |           |        |

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|---|--------------|-----------|--------|
| <i>Pseudonocardia antarctica</i>  | 1            |           |        |
| <i>Pseudonocardia antitumoralis</i>   | 1            |           |        |
| <i>Pseudonocardia artemisiae</i>  | 1            |           |        |
| <i>Pseudonocardia asaccharolytica</i>   | 1            |           |        |
| <i>Pseudonocardia aurantiaca</i>  | 1            |           |        |
| <i>Pseudonocardia autotrophica</i> ( <i>Nocardia autotrophica</i> , <i>Amycolata autotrophica</i> )                   | 1            | +         |        |
| <i>Pseudonocardia azurea</i> → <i>Amycolatopsis azurea</i>  |              |           |        |
| <i>Pseudonocardia babensis</i>  | 1            |           |        |
| <i>Pseudonocardia bannensis</i>   | 1            |           |        |
| <i>Pseudonocardia benzenivorans</i>   | 1            |           |        |
| <i>Pseudonocardia carboxydivorans</i>   | 1            |           |        |
| <i>Pseudonocardia chloroethenivorans</i>  | 1            |           |        |
| <i>Pseudonocardia compacta</i>  | 1            |           |        |
| <i>Pseudonocardia cypriaca</i>  | 1            |           |        |
| <i>Pseudonocardia dioxanivorans</i>   | 1            |           |        |
| <i>Pseudonocardia endophytica</i>   | 1            |           |        |
| <i>Pseudonocardia eucalypti</i>   | 1            |           |        |
| <i>Pseudonocardia halophobica</i> ( <i>Pseudoamycolata halophobica</i> )  | 1            |           |        |
| <i>Pseudonocardia hierapolitana</i>   | 1            |           |        |
| <i>Pseudonocardia hispaniensis</i>  | 1            |           |        |
| <i>Pseudonocardia hydrocarbonoxydans</i> ( <i>Nocardia hydrocarbonoxydans</i> , <i>Amycolata hydrocarbonoxydans</i> ) | 1            |           |        |
| <i>Pseudonocardia khuvsgulensis</i>   | 1            |           |        |
| <i>Pseudonocardia kongjuensis</i>   | 1            |           |        |
| <i>Pseudonocardia kujensis</i>  | 1            |           |        |
| <i>Pseudonocardia kunmingensis</i>  | 1            |           |        |
| <i>Pseudonocardia mongoliensis</i>  | 1            |           |        |
| <i>Pseudonocardia nantongensis</i>  | 1            |           |        |
| <i>Pseudonocardia nematodicida</i>  | 1            |           | neu    |
| <i>Pseudonocardia nigra</i>   | 1            |           | neu    |
| <i>Pseudonocardia nitrificans</i>   | 1            |           |        |
| <i>Pseudonocardia oroxyli</i>   | 1            |           |        |
| <i>Pseudonocardia parietis</i>  | 1            |           |        |
| <i>Pseudonocardia petroleophila</i> ( <i>Nocardia petroleophila</i> )   | 1            |           |        |
| <i>Pseudonocardia profundimaris</i>   | 1            |           | neu    |
| <i>Pseudonocardia rhizophila</i>  | 1            |           |        |
| <i>Pseudonocardia salamisensis</i>  | 1            |           |        |
| <i>Pseudonocardia saturnea</i> ( <i>Nocardia saturnea</i> , <i>Amycolata saturnea</i> )                               | 1            |           |        |
| <i>Pseudonocardia sediminis</i>   | 1            |           |        |
| <i>Pseudonocardia seranimata</i>  | 1            |           |        |
| <i>Pseudonocardia sichuanensis</i>  | 1            |           |        |
| <i>Pseudonocardia spinosa</i>   | 1            |           |        |
| <i>Pseudonocardia spinosipora</i>   | 1            |           |        |
| <i>Pseudonocardia sulfidoxydans</i>   | 1            |           |        |

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| Spezies   | Risikogruppe | Bemerkung | Status    |
|---|--------------|-----------|-----------|
| <i>Pseudonocardia tetrahydrofuranoxydans</i>  | 1            |           |           |
| <i>Pseudonocardia thailandensis</i>   | 1            |           | neu       |
| <i>Pseudonocardia thermophila</i>   | 1            |           |           |
| <i>Pseudonocardia tropica</i>   | 1            |           |           |
| <i>Pseudonocardia xinjiangensis</i>   | 1            |           |           |
| <i>Pseudonocardia xishanensis</i>   | 1            |           |           |
| <i>Pseudonocardia yuanmonensis</i>  | 1            |           |           |
| <i>Pseudonocardia yunnanensis</i>   | 1            |           |           |
| <i>Pseudonocardia zijingensis</i>   | 1            |           |           |
| <b>Pseudoceanicola</b>  |              |           |           |
| <i>Pseudoceanicola antarcticus</i> ( <i>Oceanicola antarcticus</i> )                | 1            |           | neu, Umb. |
| <i>Pseudoceanicola atlanticus</i>   | 1            |           | neu       |
| <i>Pseudoceanicola batsensis</i> ( <i>Oceanicola batsensis</i> )                    | 1            |           | Umb.      |
| <i>Pseudoceanicola flagellatus</i> ( <i>Oceanicola flagellatus</i> )                | 1            |           | neu, Umb. |
| <i>Pseudoceanicola lipolyticus</i>  | 1            |           | neu       |
| <i>Pseudoceanicola marinus</i> ( <i>Oceanicola marinus</i> )                        | 1            |           | Umb.      |
| <i>Pseudoceanicola nanhaiensis</i> ( <i>Oceanicola nanhaiensis</i> )                | 1            |           | Umb.      |
| <i>Pseudoceanicola nitratireducens</i> ( <i>Oceanicola nitratireducens</i> )        | 1            |           | Umb.      |
| <b>Pseudooctadecabacter</b>   |              |           |           |
| <i>Pseudooctadecabacter jejudonensis</i> ( <i>Octadecabacter jejudonensis</i> )     | 1            |           | Umb.      |
| <b>Pseudopedobacter</b>   |              |           |           |
| <i>Pseudopedobacter beijingsensis</i>   | 1            |           |           |
| <i>Pseudopedobacter saltans</i> ( <i>Pedobacter saltans</i> )                       | 1            |           |           |
| <b>Pseudopelagicola</b>   |              |           |           |
| <i>Pseudopelagicola gijangensis</i>   | 1            |           | neu       |
| <b>Pseudophaeobacter</b>  |              |           |           |
| <i>Pseudophaeobacter arcticus</i> ( <i>Phaeobacter arcticus</i> )                   | 1            |           | Umb.      |
| <i>Pseudophaeobacter leonis</i> ( <i>Phaeobacter leonis</i> )                       | 1            |           | Umb.      |
| <b>Pseudopropionibacterium</b>  |              |           |           |
| <i>Pseudopropionibacterium propionicum</i> ( <i>Propionibacterium propionicum</i> ) | 2            |           | Umb.      |
| <b>Pseudoramibacter</b>   |              |           |           |
| <i>Pseudoramibacter alactolyticus</i> ( <i>Eubacterium alactolyticum</i> )          | 2            |           |           |
| <b>Pseudorhizobium</b>  |              |           |           |
| <i>Pseudorhizobium pelagicum</i>  | 1            |           | neu       |
| <b>Pseudorhodobacter</b>  |              |           |           |
| <i>Pseudorhodobacter antarcticus</i>  | 1            |           |           |
| <i>Pseudorhodobacter aquaticus</i>  | 1            |           | neu       |
| <i>Pseudorhodobacter aquimaris</i>  | 1            |           |           |
| <i>Pseudorhodobacter collinsensis</i>   | 1            |           | neu       |
| <i>Pseudorhodobacter ferrugineus</i> ( <i>Agrobacterium ferrugineum</i> )           | 1            |           |           |
| <i>Pseudorhodobacter ponti</i>  | 1            |           | neu       |



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| Spezies   | Risikogruppe | Bemerkung | Status    |
|---|--------------|-----------|-----------|
| <i>Pseudorhodobacter psychrotolerans</i>  | 1            |           | neu       |
| <i>Pseudorhodobacter sinensis</i>   | 1            |           | neu       |
| <i>Pseudorhodobacter wandonensis</i>  | 1            |           |           |
| <b>Pseudorhodoferax</b>   |              |           |           |
| <i>Pseudorhodoferax aquiterrae</i>  | 1            |           |           |
| <i>Pseudorhodoferax caeni</i>   | 1            |           |           |
| <i>Pseudorhodoferax soli</i>  | 1            |           |           |
| <b>Pseudorhodoplanes</b>  |              |           |           |
| <i>Pseudorhodoplanes sinuspersici</i>   | 1            |           | neu       |
| <b>Pseudoroseicyclus</b>  |              |           |           |
| <i>Pseudoroseicyclus aestuarii</i>  | 1            |           | neu       |
| <b>Pseudoroseovarius</b>  |              |           |           |
| <i>Pseudoroseovarius crassostreae</i> (Roseovarius crassostreae) – synonym: Aliiroseovarius crassostreae          |              |           | Umb.      |
| <i>Pseudoroseovarius halocynthiae</i> (Roseovarius halocynthiae) – synonym: Aliiroseovarius halocynthiae          |              |           | Umb.      |
| <i>Pseudoroseovarius sediminilitoris</i> (Roseovarius sediminilitoris) – synonym: Aliiroseovarius sediminilitoris |              |           | Umb.      |
| <i>Pseudoroseovarius zhejiangensis</i> – synonym: Aliiroseovarius zhejiangensis                                   |              |           | neu, Umb. |
| <b>Pseudoruegeria</b>   |              |           |           |
| <i>Pseudoruegeria aestuarii</i>   | 1            |           | neu       |
| <i>Pseudoruegeria aquimaris</i>   | 1            |           |           |
| <i>Pseudoruegeria haliotis</i>  | 1            |           |           |
| <i>Pseudoruegeria lutimaris</i>   | 1            |           |           |
| <i>Pseudoruegeria marinistellae</i>   | 1            |           | neu       |
| <i>Pseudoruegeria sabulilitoris</i>   | 1            |           | neu       |
| <b>Pseudoscardovia</b>  |              |           |           |
| <i>Pseudoscardovia radai</i>  | 1            |           | neu       |
| <i>Pseudoscardovia suis</i>   | 1            |           | neu       |
| <b>Pseudoseohaecicola</b>   |              |           |           |
| <i>Pseudoseohaecicola caenipelagi</i>   | 1            |           | neu       |
| <b>Pseudosphingobacterium</b>   |              |           |           |
| <i>Pseudosphingobacterium domesticum</i>  | 1            |           |           |
| <b>Pseudospirillum</b>  |              |           |           |
| <i>Pseudospirillum japonicum</i> (Oceanospirillum japonicum)  | 1            |           |           |
| <b>Pseudosporangium</b>   |              |           |           |
| <i>Pseudosporangium ferrugineum</i>   | 1            |           |           |
| <b>Pseudotenacibaculum</b>  |              |           |           |
| <i>Pseudotenacibaculum haliotis</i>   | 1            |           | neu       |
| <b>Pseudoteredinibacter</b>   |              |           |           |
| <i>Pseudoteredinibacter isopora</i>   | 1            |           |           |
| <b>Pseudothermotoga</b>   |              |           |           |
| <i>Pseudothermotoga elfii</i> (Thermotoga elfii)  | 1            |           |           |
| <i>Pseudothermotoga hypogea</i> (Thermotoga hypogea)  | 1            |           |           |

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|--|--------------|-----------|--------|
| <i>Pseudothermotoga lettingae</i> ( <i>Thermotoga lettingae</i> )            | 1            |           |        |
| <i>Pseudothermotoga subterranea</i> ( <i>Thermotoga subterranea</i> )        | 1            |           |        |
| <i>Pseudothermotoga thermarum</i> ( <i>Thermotoga thermarum</i> )            | 1            |           |        |
| <b>Pseudovibrio</b>  |              |           |        |
| <i>Pseudovibrio ascidiaceicola</i>   | 1            |           |        |
| <i>Pseudovibrio axinellae</i>  | 1            |           |        |
| <i>Pseudovibrio denitrificans</i>  | 1            |           |        |
| <i>Pseudovibrio hongkongensis</i>  | 1            |           | neu    |
| <i>Pseudovibrio japonicus</i>  | 1            |           |        |
| <i>Pseudovibrio stylochi</i>   | 1            |           | neu    |
| <b>Pseudoxanthobacter</b>  |              |           |        |
| <i>Pseudoxanthobacter liyangensis</i>  | 1            |           | neu    |
| <i>Pseudoxanthobacter soli</i>   | 1            |           |        |
| <b>Pseudoxanthomonas</b>   |              |           |        |
| <i>Pseudoxanthomonas broegbernensis</i>                                      | 1            |           |        |
| <i>Pseudoxanthomonas daejeonensis</i>  | 1            |           |        |
| <i>Pseudoxanthomonas dokdonensis</i> ( <i>Stenotrophomonas dokdonensis</i> ) | 1            |           |        |
| <i>Pseudoxanthomonas gei</i>   | 1            |           | neu    |
| <i>Pseudoxanthomonas helianthi</i>   | 1            |           | neu    |
| <i>Pseudoxanthomonas indica</i>  | 1            |           |        |
| <i>Pseudoxanthomonas japonensis</i>  | 1            |           |        |
| <i>Pseudoxanthomonas kalamensis</i>  | 1            |           |        |
| <i>Pseudoxanthomonas kaohsiungensis</i>                                      | 1            |           |        |
| <i>Pseudoxanthomonas koreensis</i>   | 1            |           |        |
| <i>Pseudoxanthomonas mexicana</i>  | 1            |           |        |
| <i>Pseudoxanthomonas putridarboris</i>                                       | 1            |           | neu    |
| <i>Pseudoxanthomonas sacheonensis</i>  | 1            |           |        |
| <i>Pseudoxanthomonas sangjuensis</i>   | 1            |           | neu    |
| <i>Pseudoxanthomonas spadix</i>  | 1            |           |        |
| <i>Pseudoxanthomonas suwonensis</i>  | 1            |           |        |
| <i>Pseudoxanthomonas taiwanensis</i>   | 1            |           |        |
| <i>Pseudoxanthomonas wuyuanensis</i>   | 1            |           |        |
| <i>Pseudoxanthomonas yeongjuensis</i>  | 1            |           |        |
| <b>Pseudozobellia</b>  |              |           |        |
| <i>Pseudozobellia thermophila</i>  | 1            |           |        |
| <b>Psychrilyobacter</b>  |              |           |        |
| <i>Psychrilyobacter atlanticus</i>   | 1            |           |        |
| <b>Psychrobacillus</b>   |              |           |        |
| <i>Psychrobacillus insolitus</i> ( <i>Bacillus insolitus</i> )               | 1            |           |        |
| <i>Psychrobacillus lasiacapitis</i>  | 1            |           | neu    |
| <i>Psychrobacillus psychrodurans</i> ( <i>Bacillus psychrodurans</i> )       | 1            |           |        |
| <i>Psychrobacillus psychrotolerans</i> ( <i>Bacillus psychrotolerans</i> )   | 1            |           |        |
| <i>Psychrobacillus soli</i>  | 1            |           | neu    |

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|---|--------------|-----------|--------|
| <b>Psychrobacter</b>  |              |           |        |
| Psychrobacter adeliensis  | 1            |           |        |
| Psychrobacter aestuarii   | 1            |           |        |
| Psychrobacter alimentarius  | 1            |           |        |
| Psychrobacter aquaticus   | 1            |           |        |
| Psychrobacter aquimaris   | 1            |           |        |
| Psychrobacter arcticus  | 1            |           |        |
| Psychrobacter arenosus  | 1            | +         |        |
| Psychrobacter celer   | 1            |           |        |
| Psychrobacter cibarius  | 1            |           |        |
| Psychrobacter ciconiae  | 1            |           | neu    |
| Psychrobacter cryohalolentis  | 1            |           |        |
| Psychrobacter faecalis  | 2            |           |        |
| Psychrobacter fozii   | 1            |           |        |
| Psychrobacter frigidicola   | 1            |           |        |
| Psychrobacter fulvigenes  | 1            |           |        |
| Psychrobacter glaciei   | 1            |           | neu    |
| Psychrobacter glacicola   | 1            |           |        |
| Psychrobacter immobilis   | 1            | +         |        |
| Psychrobacter jeotgali  | 1            |           |        |
| Psychrobacter luti  | 1            |           |        |
| Psychrobacter lutiphocae  | 1            |           |        |
| Psychrobacter marincola   | 1            |           |        |
| Psychrobacter maritimus   | 1            |           |        |
| Psychrobacter namhaensis  | 1            |           |        |
| Psychrobacter nivimaris   | 1            |           |        |
| Psychrobacter oceani  | 1            |           | neu    |
| Psychrobacter okhotskensis  | 1            |           |        |
| Psychrobacter pacificensis  | 1            |           |        |
| Psychrobacter pasteurii   | 1            | +         | neu    |
| Psychrobacter phenylpyruvicus (Moraxella (Subgenus Moraxella) phenylpyruvica) | 2            |           |        |
| Psychrobacter piechaudii  | 1            | +         | neu    |
| Psychrobacter piscatorii  | 1            |           |        |
| Psychrobacter pocilloporae  | 1            |           | neu    |
| Psychrobacter proteolyticus   | 1            |           |        |
| Psychrobacter pulmonis  | 2            | ht        |        |
| Psychrobacter salsus  | 1            |           |        |
| Psychrobacter sanguinis   | 1            | +         |        |
| Psychrobacter submarinus  | 1            |           |        |
| Psychrobacter urativorans   | 1            |           |        |
| Psychrobacter vallis  | 1            |           |        |
| <b>Psychrobium</b>  |              |           |        |
| Psychrobium conchae   | 1            |           | neu    |
| <b>Psychroflexus</b>  |              |           |        |
| Psychroflexus aestuariivivens   | 1            |           | neu    |

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|---|--------------|-----------|--------|
| <i>Psychroflexus gondwanensis</i> ( <i>Flavobacterium gondwanense</i> ) | 1            |           |        |
| <i>Psychroflexus halocasei</i>  | 1            |           |        |
| <i>Psychroflexus planctonicus</i>                                       | 1            |           | neu    |
| <i>Psychroflexus salarius</i>   | 1            |           | neu    |
| <i>Psychroflexus salinarum</i>  | 1            |           |        |
| <i>Psychroflexus saliphilus</i>   | 1            |           | neu    |
| <i>Psychroflexus salis</i>  | 1            |           | neu    |
| <i>Psychroflexus sediminis</i>  | 1            |           |        |
| <i>Psychroflexus torquis</i>  | 1            |           |        |
| <i>Psychroflexus tropicus</i>   | 1            |           |        |
| <b>Psychroglaciecola</b>  |              |           |        |
| <i>Psychroglaciecola arctica</i>  | 1            |           |        |
| <b>Psychromarinibacter</b>  |              |           |        |
| <i>Psychromarinibacter halotolerans</i>                                 | 1            |           | neu    |
| <b>Psychromicrobium</b>   |              |           |        |
| <i>Psychromicrobium silvestre</i>                                       | 1            |           | neu    |
| <b>Psychromonas</b>   |              |           |        |
| <i>Psychromonas agarivorans</i>   | 1            |           |        |
| <i>Psychromonas antarctica</i>  | 1            |           |        |
| <i>Psychromonas aquatilis</i>   | 1            |           | neu    |
| <i>Psychromonas aquimarina</i>  | 1            |           |        |
| <i>Psychromonas arctica</i>   | 1            |           |        |
| <i>Psychromonas boydii</i>  | 1            |           |        |
| <i>Psychromonas hadalis</i>   | 1            |           |        |
| <i>Psychromonas heitensis</i>   | 1            |           |        |
| <i>Psychromonas ingrahamii</i>  | 1            |           |        |
| <i>Psychromonas japonica</i>  | 1            |           |        |
| <i>Psychromonas kaikoa</i>  | 1            |           |        |
| <i>Psychromonas macrocephali</i>  | 1            |           |        |
| <i>Psychromonas marina</i>  | 1            |           |        |
| <i>Psychromonas ossibalaenae</i>  | 1            |           |        |
| <i>Psychromonas profunda</i>  | 1            |           |        |
| <b>Psychroserpens</b>   |              |           |        |
| <i>Psychroserpens burtonensis</i>                                       | 1            |           |        |
| <i>Psychroserpens damuponensis</i>                                      | 1            |           |        |
| <i>Psychroserpens jangbogonensis</i>                                    | 1            |           | neu    |
| <i>Psychroserpens mesophilus</i>  | 1            |           |        |
| <b>Psychrosphaera</b>   |              |           |        |
| <i>Psychrosphaera aestuarii</i>   | 1            |           |        |
| <i>Psychrosphaera aquimarina</i>  | 1            |           | neu    |
| <i>Psychrosphaera haliotis</i>  | 1            |           |        |
| <i>Psychrosphaera saromensis</i>  | 1            |           |        |
| <b>Puia</b>   |              |           |        |
| <i>Puia dinghuensis</i>   | 1            |           | neu    |
| <b>Pullulanibacillus</b>  |              |           |        |
| <i>Pullulanibacillus camelliae</i>                                      | 1            |           | neu    |

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|---|--------------|-----------|--------|
| <i>Pullulanibacillus naganoensis</i> ( <i>Bacillus naganoensis</i> )  | 1            |           |        |
| <i>Pullulanibacillus pueri</i>  | 1            |           | neu    |
| <i>Pullulanibacillus uraniitolerans</i>                               | 1            |           |        |
| <b>Puniceibacterium</b>   |              |           |        |
| <i>Puniceibacterium antarcticum</i>                                   | 1            |           |        |
| <i>Puniceibacterium confluentis</i>                                   | 1            |           | neu    |
| <i>Puniceibacterium sediminis</i>                                     | 1            |           | neu    |
| <b>Puniceicoccus</b>  |              |           |        |
| <i>Puniceicoccus vermicola</i>  | 1            |           |        |
| <b>Pusillimonas</b>   |              |           |        |
| <i>Pusillimonas caeni</i>   | 1            |           | neu    |
| <i>Pusillimonas ginsengisoli</i>                                      | 1            |           |        |
| <i>Pusillimonas harenae</i>   | 1            |           |        |
| <i>Pusillimonas noertemannii</i>                                      | 1            |           |        |
| <i>Pusillimonas soli</i>  | 1            |           |        |
| <b>Pustulibacterium</b>   |              |           |        |
| <i>Pustulibacterium marinum</i>                                       | 1            |           |        |
| <b>Puzihella</b>  |              |           |        |
| <i>Puzihella rosea</i>  | 1            |           | neu    |
| <b>Pyramidobacter</b>   |              |           |        |
| <i>Pyramidobacter piscolens</i>                                       | 2            |           |        |
| <b>Pyrinomonas</b>  |              |           |        |
| <i>Pyrinomonas methylaliphatogenes</i>                                | 1            |           |        |
| <b>Pyrobaculum</b>  |              |           |        |
| <i>Pyrobaculum aerophilum</i>   | 1            |           |        |
| <i>Pyrobaculum arsenaticum</i>  | 1            |           |        |
| <i>Pyrobaculum calidifontis</i>                                       | 1            |           |        |
| <i>Pyrobaculum ferrireducens</i>                                      | 1            |           | neu    |
| <i>Pyrobaculum igneiluti</i>  | 1            |           | neu    |
| <i>Pyrobaculum islandicum</i>   | 1            |           |        |
| <i>Pyrobaculum neutrophilum</i> ( <i>Thermoproteus neutrophilus</i> ) | 1            |           |        |
| <i>Pyrobaculum oguniense</i>  | 1            |           |        |
| <i>Pyrobaculum organotrophum</i>                                      | 1            |           |        |
| <b>Pyrococcus</b>   |              |           |        |
| <i>Pyrococcus furiosus</i>  | 1            |           |        |
| <i>Pyrococcus glycovorans</i>   | 1            |           |        |
| <i>Pyrococcus horikoshii</i>  | 1            |           |        |
| <i>Pyrococcus kulkankii</i>   | 1            |           | neu    |
| <i>Pyrococcus woesei</i>  | 1            |           |        |
| <i>Pyrococcus yayanosii</i>   | 1            |           |        |
| <b>Pyrodictium</b>  |              |           |        |
| <i>Pyrodictium abyssi</i>   | 1            |           |        |
| <i>Pyrodictium brockii</i>  | 1            |           |        |
| <i>Pyrodictium delaneyi</i>   | 1            |           | neu    |
| <i>Pyrodictium occultum</i>   | 1            |           |        |

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|--|--------------|-----------|--------|
| <b>Pyrolobus</b>   |              |           |        |
| <i>Pyrolobus fumarii</i>   | 1            |           |        |
| <b>Pyruvatibacter</b>  |              |           |        |
| <i>Pyruvatibacter mobilis</i>  | 1            |           | neu    |
| <b>Pyxidicoccus [Pyxicoccus]</b>   |              |           |        |
| <i>Pyxidicoccus [Pyxicoccus] fallax</i>  | 1            |           |        |
| <b>Qingshengfania</b>  |              |           |        |
| <i>Qingshengfania soli</i>   | 1            |           | neu    |
| <b>Qipengyuania</b>  |              |           |        |
| <i>Qipengyuania sediminis</i>  | 1            |           | neu    |
| <b>Quadricoccus → Quatrionicoccus</b>  |              |           |        |
| <i>Quadricoccus australiensis</i> → <i>Quatrionicoccus australiensis</i>   |              |           |        |
| <b>Quadrisphaera</b>   |              |           |        |
| <i>Quadrisphaera granulorum</i>  | 1            |           |        |
| <b>Quasibacillus</b>   |              |           |        |
| <i>Quasibacillus thermotolerans</i> ( <i>Bacillus thermotolerans</i> )   | 1            |           | Umb.   |
| <b>Quatrionicoccus</b>   |              |           |        |
| <i>Quatrionicoccus australiensis</i> ( <i>Quadricoccus australiensis</i> )   | 1            |           |        |
| <b>Quinella</b>  |              |           |        |
| <i>Quinella ovalis</i>   | 1            |           |        |
| <b>Quisquiliibacterium</b>   |              |           |        |
| <i>Quisquiliibacterium transsilvanicum</i>   | 1            |           | neu    |
| <b>Racemicystis</b>  |              |           |        |
| <i>Racemicystis crocea</i>   | 1            |           | neu    |
| <i>Racemicystis persica</i>  | 1            |           | neu    |
| <b>Rahnella</b>  |              |           |        |
| <i>Rahnella aquatilis</i>  | 1            | +         |        |
| <i>Rahnella bruchi</i>   | 1            |           | neu    |
| <i>Rahnella victoriana</i>   | 1            | p+        | neu    |
| <i>Rahnella woolbedingensis</i>  | 1            |           | neu    |
| <b>Raineyella</b>  |              |           |        |
| <i>Raineyella antarctica</i>   | 1            |           | neu    |
| <b>Ralstonia</b>   |              |           |        |
| <i>Ralstonia basilensis</i> → <i>Cupriavidus basilensis</i>  |              |           |        |
| <i>Ralstonia campinensis</i> → <i>Cupriavidus campinensis</i>  |              |           |        |
| <i>Ralstonia eutropha</i> ( <i>Alcaligenes eutrophus</i> ) → <i>Wautersia eutropha</i> – synonym: <i>Cupriavidus necator</i> |              |           |        |
| <i>Ralstonia gilardii</i> → <i>Cupriavidus gilardii</i>  |              |           |        |
| <i>Ralstonia insidiosa</i>   | 1            | +         |        |
| <i>Ralstonia mannitolilytica</i>   | 2            |           |        |
| <i>Ralstonia metallidurans</i> → <i>Cupriavidus metallidurans</i>  |              |           |        |
| <i>Ralstonia oxalatica</i> → <i>Cupriavidus oxalaticus</i>   |              |           |        |
| <i>Ralstonia paucula</i> → <i>Cupriavidus pauculus</i>   |              |           |        |

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|--|----------------|-----------|------------|
| <i>Ralstonia pickettii</i> ( <i>Pseudomonas pickettii</i> , <i>Burkholderia pickettii</i> )                        | 2 <sup>G</sup> |           |            |
| <i>Ralstonia pseudosolanacearum</i>  | 1              | p2        | neu        |
| <i>Ralstonia respiraculi</i> → <i>Cupriavidus respiraculi</i>  |                |           |            |
| <i>Ralstonia solanacearum</i> <sup>13</sup> ( <i>Pseudomonas solanacearum</i> , <i>Burkholderia solanacearum</i> ) | 1              | p2        |            |
| <i>Ralstonia syzygii</i> → <i>Ralstonia syzygii</i> subsp. <i>syzygii</i>  |                |           | Umb.       |
| <i>Ralstonia syzygii</i> subsp. <i>celebesensis</i>  | 1              | p2        | neu        |
| <i>Ralstonia syzygii</i> subsp. <i>indonesiensis</i>   | 1              | p2        | neu        |
| <i>Ralstonia syzygii</i> subsp. <i>syzygii</i> ( <i>Ralstonia syzygii</i> )  | 1              | p2        | Bem., Umb. |
| <i>Ralstonia taiwanensis</i> → <i>Cupriavidus taiwanensis</i>  |                |           |            |
| <b>Ramlibacter</b>   |                |           |            |
| <i>Ramlibacter alkalitolerans</i>  | 1              |           | neu        |
| <i>Ramlibacter ginsenosidimutans</i>   | 1              |           |            |
| <i>Ramlibacter henchirensis</i>  | 1              |           |            |
| <i>Ramlibacter monticola</i>   | 1              |           | neu        |
| <i>Ramlibacter rhizophilus</i>   | 1              |           | neu        |
| <i>Ramlibacter solisilvae</i>  | 1              |           |            |
| <i>Ramlibacter tataouinensis</i>   | 1              |           |            |
| <b>Raoultella</b>  |                |           |            |
| <i>Raoultella electrica</i>  | 1              |           |            |
| <i>Raoultella ornithinolytica</i> ( <i>Klebsiella ornithinolytica</i> )  | 2              |           |            |
| <i>Raoultella planticola</i> ( <i>Klebsiella planticola</i> )  | 1              | ht+       |            |
| <i>Raoultella terrigena</i> ( <i>Klebsiella terrigena</i> )  | 1              | ht+       |            |
| <b>Rapidithrix</b>   |                |           |            |
| <i>Rapidithrix thailandica</i>   | 1              |           |            |
| <b>Rarimicrobium</b>   |                |           |            |
| <i>Rarimicrobium hominis</i>   | 2              |           | neu        |
| <b>Rarobacter</b>  |                |           |            |
| <i>Rarobacter faecitabidus</i>   | 1              |           |            |
| <i>Rarobacter incanus</i>  | 1              |           |            |
| <b>Rathayibacter</b>   |                |           |            |
| <i>Rathayibacter caricis</i>   | 1              |           |            |
| <i>Rathayibacter festucae</i>  | 1              |           |            |
| <i>Rathayibacter iranicus</i> ( <i>Clavibacter iranicum</i> , <i>Corynebacterium iranicum</i> )                    | 1              | p         |            |
| <i>Rathayibacter rathayi</i> ( <i>Clavibacter rathayi</i> , <i>Corynebacterium rathayi</i> )                       | 1              | p         |            |
| <i>Rathayibacter toxicus</i> ( <i>Clavibacter toxicus</i> )  | 1              |           |            |
| <i>Rathayibacter tritici</i> ( <i>Clavibacter tritici</i> , <i>Corynebacterium tritici</i> )                       | 1              | p         |            |
| <b>Ravibacter</b>  |                |           |            |

<sup>13</sup> Diese Spezies ist wegen ihrer pflanzenpathogenen Eigenschaften in der „Liste risikobewerteter Spender- und Empfängerorganismen für gentechnische Arbeiten“ in Risikogruppe 2 eingestuft.

<sup>G</sup> Auf eine abweichende Einstufung in der „Liste risikobewerteter Spender- und Empfängerorganismen für gentechnische Arbeiten“ wird hingewiesen.

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|--|--------------|-----------|--------|
| Ravibacter arvi  | 1            |           | neu    |
| <b>Rectinema</b>   |              |           |        |
| Rectinema cohabitans   | 1            |           | neu    |
| <b>Rehaibacterium</b>  |              |           |        |
| Rehaibacterium terrae  | 1            |           |        |
| <b>Reichenbachia → Reichenbachiella</b>                        |              |           |        |
| Reichenbachia agariperforans → Reichenbachiella agariperforans |              |           |        |
| <b>Reichenbachiella</b>  |              |           |        |
| Reichenbachiella agariperforans (Reichenbachia agariperforans) | 1            |           |        |
| Reichenbachiella faecimaris                                    | 1            |           |        |
| <b>Reinekea</b>  |              |           |        |
| Reinekea aestuarii   | 1            |           |        |
| Reinekea blandensis  | 1            |           |        |
| Reinekea marina  | 1            |           | neu    |
| Reinekea marinisedimentorum                                    | 1            |           |        |
| <b>Renibacterium</b>   |              |           |        |
| Renibacterium salmoninarum                                     | 1            | t2        |        |
| <b>Reyranella</b>  |              |           |        |
| Reyranella aquatilis   | 1            |           | neu    |
| Reyranella graminifolii  | 1            |           | neu    |
| Reyranella massiliensis  | 1            |           |        |
| Reyranella soli  | 1            |           |        |
| Reyranella terrae  | 1            |           | neu    |
| <b>Rhabdanaerobium</b>   |              |           |        |
| Rhabdanaerobium thermarum                                      | 1            |           | neu    |
| <b>Rhabdobacter</b>  |              |           |        |
| Rhabdobacter roseus  | 1            |           | neu    |
| <b>Rhabdochromatium</b>  |              |           |        |
| Rhabdochromatium marinum                                       | 1            |           |        |
| <b>Rhabdothermus</b>   |              |           |        |
| Rhabdothermus arcticus   | 1            |           |        |
| <b>Rheinheimera</b>  |              |           |        |
| Rheinheimera aestuarii   | 1            |           | neu    |
| Rheinheimera aquatica  | 1            |           |        |
| Rheinheimera aquimaris   | 1            |           |        |
| Rheinheimera arenillitoris                                     | 1            |           | neu    |
| Rheinheimera baltica   | 1            |           |        |
| Rheinheimera chironomi   | 1            |           |        |
| Rheinheimera gaetbuli  | 1            |           | neu    |
| Rheinheimera hassiensis  | 1            |           |        |
| Rheinheimera japonica  | 1            |           | neu    |
| Rheinheimera longhuensis                                       | 1            |           |        |
| Rheinheimera marina  | 1            |           | neu    |
| Rheinheimera mesophila   | 1            |           | neu    |
| Rheinheimera muenzenbergensis                                  | 1            |           |        |



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|---|--------------|-----------|--------|
| Rheinheimera nanhaiensis  | 1            |           |        |
| Rheinheimera pacifica   | 1            |           |        |
| Rheinheimera perlucida  | 1            |           |        |
| Rheinheimera soli   | 1            |           |        |
| Rheinheimera tangshanensis                                      | 1            |           |        |
| Rheinheimera texasensis   | 1            |           |        |
| Rheinheimera tilapiae   | 1            |           |        |
| Rheinheimera tuosuensis   | 1            |           |        |
| <b>Rhizobacter</b>  |              |           |        |
| Rhizobacter bergeniae   | 1            |           | neu    |
| Rhizobacter dauci   | 1            |           |        |
| Rhizobacter fulvus (Methylbium fulvum)                          | 1            |           |        |
| Rhizobacter gummiphilus   | 1            |           | neu    |
| Rhizobacter profundus   | 1            |           | neu    |
| <b>Rhizobium</b>  |              |           |        |
| Rhizobium acidisoli   | 1            |           | neu    |
| Rhizobium aegyptiacum   | 1            |           | neu    |
| Rhizobium aethiopicum   | 1            |           | neu    |
| Rhizobium aggregatum (Blastobacter aggregatum)                  | 1            |           |        |
| Rhizobium alamii  | 1            |           |        |
| Rhizobium alkalisoli → Neorhizobium alkalisoli                  |              |           | Umb.   |
| Rhizobium altiplani   | 1            |           | neu    |
| Rhizobium alvei   | 1            |           | neu    |
| Rhizobium anhuiense   | 1            |           | neu    |
| Rhizobium arenae  | 1            |           | neu    |
| Rhizobium azibense  | 1            |           |        |
| Rhizobium azooxidifex   | 1            |           | neu    |
| Rhizobium bangladeshense  | 1            |           | neu    |
| Rhizobium binae   | 1            |           | neu    |
| Rhizobium borbori → Allorhizobium borbori                       |              |           | Umb.   |
| Rhizobium calliandrae   | 1            |           |        |
| Rhizobium capsici   | 1            |           | neu    |
| Rhizobium cauense   | 1            |           | neu    |
| Rhizobium cellulolyticum  | 1            |           |        |
| Rhizobium ciceri → Mesorhizobium ciceri                         |              |           |        |
| Rhizobium daejeonense   | 1            |           |        |
| Rhizobium ecuadorensis  | 1            |           | neu    |
| Rhizobium endolithicum  | 1            |           |        |
| Rhizobium endophyticum  | 1            |           |        |
| Rhizobium esperanzae  | 1            |           | neu    |
| Rhizobium etli (Rhizobium leguminosarum biovar phaseoli Type 1) | 1            |           |        |
| Rhizobium fabae   | 1            |           |        |
| Rhizobium favelukesii   | 1            |           | neu    |
| Rhizobium flavum  | 1            |           |        |
| Rhizobium fredii → Ensifer fredii                               |              |           |        |

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|---|--------------|-----------|--------|
| Rhizobium freirei   | 1            |           |        |
| Rhizobium galegae → Neorhizobium galegae                        |              |           | Umb.   |
| Rhizobium gallicum  | 1            |           |        |
| Rhizobium gei   | 1            |           | neu    |
| Rhizobium giardinii → Pararhizobium giardinii                   |              |           | Umb.   |
| Rhizobium grahamii  | 1            |           |        |
| Rhizobium hainanense  | 1            |           |        |
| Rhizobium halophytocola   | 1            |           |        |
| Rhizobium helianthi   | 1            |           | neu    |
| Rhizobium herbae → Pararhizobium herbae                         |              |           | Umb.   |
| Rhizobium huakuii → Mesorhizobium huakuii                       |              |           |        |
| Rhizobium huatlense → Neorhizobium huatlense                    |              |           | Umb.   |
| Rhizobium indigoferae   | 1            |           |        |
| Rhizobium ipomoeae  | 1            |           | neu    |
| Rhizobium jaguaris  | 1            |           |        |
| Rhizobium japonicum → Bradyrhizobium japonicum                  |              |           |        |
| Rhizobium laguerreae  | 1            |           |        |
| Rhizobium larrymoorei (Agrobacterium larrymoorei)               | 1            | p         |        |
| Rhizobium leguminosarum   | 1            |           |        |
| Rhizobium leguminosarum biovar phaseoli Type 1 → Rhizobium etli |              |           |        |
| Rhizobium lemnae  | 1            |           | neu    |
| Rhizobium lentis  | 1            |           | neu    |
| Rhizobium loessense   | 1            |           |        |
| Rhizobium loti → Mesorhizobium loti                             |              |           |        |
| Rhizobium lupini → Bradyrhizobium lupini                        |              |           | Umb.   |
| Rhizobium lusitanum   | 1            |           |        |
| Rhizobium marinum   | 1            |           | neu    |
| Rhizobium mayense   | 1            |           |        |
| Rhizobium mediterraneum → Mesorhizobium mediterraneum           |              |           |        |
| Rhizobium meliloti → Ensifer meliloti                           |              |           |        |
| Rhizobium mesoamericanum  | 1            |           |        |
| Rhizobium mesosinicum   | 1            |           |        |
| Rhizobium metallidurans   | 1            |           | neu    |
| Rhizobium miluonense  | 1            |           |        |
| Rhizobium mongolense  | 1            |           |        |
| Rhizobium multihospitium  | 1            |           |        |
| Rhizobium nepotum → Agrobacterium nepotum                       |              |           | Umb.   |
| Rhizobium oryzae → Allorhizobium oryzae                         |              |           | Umb.   |
| Rhizobium oryzicola   | 1            |           | neu    |
| Rhizobium oryziradicis  | 1            |           | neu    |
| Rhizobium pakistanense  | 1            |           | neu    |
| Rhizobium paknamense → Allorhizobium paknamense                 |              |           | Umb.   |
| Rhizobium paranaense  | 1            |           | neu    |

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|--|--------------|-----------|--------|
| Rhizobium petrolearium   | 1            |           |        |
| Rhizobium phaseoli   | 1            |           |        |
| Rhizobium pisi   | 1            |           |        |
| Rhizobium populi   | 1            |           | neu    |
| Rhizobium pseudoryzae → Allorhizobium pseudoryzae                            |              |           | Umb.   |
| Rhizobium puerariae  | 1            |           | neu    |
| Rhizobium pusense → Agrobacterium pusense                                    |              |           | Umb.   |
| Rhizobium radiobacter (Agrobacterium radiobacter; Agrobacterium tumefaciens) | 1            | +, p      |        |
| Rhizobium rhizogenes (Agrobacterium rhizogenes)                              | 1            | p         |        |
| Rhizobium rhizoryzae   | 1            |           |        |
| Rhizobium rosettiformans   | 1            |           |        |
| Rhizobium rubi (Agrobacterium rubi)  | 1            | p         |        |
| Rhizobium selenitireducens   | 1            |           |        |
| Rhizobium skierniewicense → Agrobacterium skierniewicense                    |              |           | Umb.   |
| Rhizobium smilacinae   | 1            |           | neu    |
| Rhizobium soli   | 1            |           |        |
| Rhizobium sophorae   | 1            |           | neu    |
| Rhizobium sophoriradicis   | 1            |           | neu    |
| Rhizobium sphaerophysae → Pararhizobium sphaerophysae                        |              |           | Umb.   |
| Rhizobium straminoryzae  | 1            |           | neu    |
| Rhizobium subbaraonis  | 1            |           |        |
| Rhizobium sullae   | 1            |           |        |
| Rhizobium taibaishanense → Allorhizobium taibaishanense                      |              |           | Umb.   |
| Rhizobium tarimense  | 1            |           |        |
| Rhizobium tianshanense → Mesorhizobium tianshanense                          |              |           |        |
| Rhizobium tibeticum  | 1            |           |        |
| Rhizobium trifolii – synonym: Rhizobium leguminosarum                        |              |           |        |
| Rhizobium tropici  | 1            |           |        |
| Rhizobium tubonense  | 1            |           |        |
| Rhizobium undicola (Allorhizobium undicola)                                  | 1            |           |        |
| Rhizobium vallis   | 1            |           |        |
| Rhizobium vignae   | 1            |           |        |
| Rhizobium viscosum (Arthrobacter viscosus)                                   | 1            |           | Umb.   |
| Rhizobium vitis → Allorhizobium vitis  |              |           | Umb.   |
| Rhizobium wenxiniae  | 1            |           | neu    |
| Rhizobium yanglingense   | 1            |           |        |
| Rhizobium yantingense  | 1            |           | neu    |
| Rhizobium zeae   | 1            |           | neu    |
| <b>Rhizocola</b>   |              |           |        |
| Rhizocola hellebori  | 1            |           | neu    |
| <b>Rhizomicrobium</b>  |              |           |        |

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|---|--------------|-----------|--------|
| Rhizomicrobium electricum   | 1            |           |        |
| Rhizomicrobium palustre   | 1            |           |        |
| <b>Rhizomonas → Sphingomonas</b>  |              |           |        |
| Rhizomonas suberifaciens → Sphingomonas suberifaciens   |              |           |        |
| <b>Rhizorhabdus</b>   |              |           |        |
| Rhizorhabdus argentea   | 1            | p         |        |
| Rhizorhabdus dicambivorans  | 1            |           | neu    |
| <b>Rhizorhapis</b>  |              |           |        |
| Rhizorhapis suberifaciens (Sphingobium suberifaciens, Sphingomonas suberifaciens, Rhizomonas suberifaciens) | 1            | p         |        |
| <b>Rhodanobacter</b>  |              |           |        |
| Rhodanobacter aciditrophus  | 1            |           | neu    |
| Rhodanobacter caeni   | 1            |           |        |
| Rhodanobacter denitrificans   | 1            |           |        |
| Rhodanobacter fulvus  | 1            |           |        |
| Rhodanobacter ginsengisoli  | 1            |           |        |
| Rhodanobacter ginsenosidimutans   | 1            |           |        |
| Rhodanobacter glycinis  | 1            |           |        |
| Rhodanobacter humi  | 1            |           | neu    |
| Rhodanobacter koreensis   | 1            |           | neu    |
| Rhodanobacter lindaniclasticus  | 1            |           |        |
| Rhodanobacter panaciterrae  | 1            |           |        |
| Rhodanobacter rhizosphaerae   | 1            |           | neu    |
| Rhodanobacter soli  | 1            |           |        |
| Rhodanobacter spathiphylli  | 1            |           |        |
| Rhodanobacter terrae  | 1            |           |        |
| Rhodanobacter thiooxydans   | 1            |           |        |
| Rhodanobacter umsongensis   | 1            |           |        |
| <b>Rhodobaca</b>  |              |           |        |
| Rhodobaca barguzinensis   | 1            |           |        |
| Rhodobaca bogoriensis   | 1            |           |        |
| <b>Rhodobacter</b>  |              |           |        |
| Rhodobacter adriaticus → Rhodovulum adriaticum  |              |           |        |
| Rhodobacter aestuarii   | 1            |           |        |
| Rhodobacter azollae   | 1            |           | neu    |
| Rhodobacter azotoformans  | 1            |           |        |
| Rhodobacter blasticus (Rhodopseudomonas blastica)   | 1            |           |        |
| Rhodobacter capsulatus (Rhodopseudomonas capsulata)   | 1            |           |        |
| Rhodobacter changlensis → Catellibacterium changlense   |              |           |        |
| Rhodobacter euryhalinus → Rhodovulum euryhalinum  |              |           |        |
| Rhodobacter johrii  | 1            |           |        |
| Rhodobacter lacus   | 1            |           | neu    |

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|---|--------------|-----------|--------|
| Rhodobacter maris   | 1            |           |        |
| Rhodobacter massiliensis → Haematobacter massiliensis         |              |           |        |
| Rhodobacter megalophilus                                      | 1            |           |        |
| Rhodobacter ovatus  | 1            |           |        |
| Rhodobacter sediminis   | 1            |           | neu    |
| Rhodobacter sphaeroides (Rhodopseudomonas sphaeroides)        | 1            |           |        |
| Rhodobacter sulfidophilus → Rhodovulum sulfidophilum          |              |           |        |
| Rhodobacter veldkampii  | 1            |           |        |
| Rhodobacter vinaykumarii                                      | 1            |           |        |
| Rhodobacter viridis   | 1            |           |        |
| <b>Rhodobaculum</b>   |              |           |        |
| Rhodobaculum claviforme                                       | 1            |           | neu    |
| <b>Rhodobium</b>  |              |           |        |
| Rhodobium gokarnense  | 1            |           |        |
| Rhodobium marinum (Rhodopseudomonas marina) → Afifella marina |              |           |        |
| Rhodobium orientis  | 1            |           |        |
| Rhodobium pfennigii → Afifella pfennigii                      |              |           |        |
| <b>Rhodoblastus</b>   |              |           |        |
| Rhodoblastus acidophilus (Rhodopseudomonas acidophila)        | 1            |           |        |
| Rhodoblastus sphagnicola                                      | 1            |           |        |
| <b>Rhodocista</b>   |              |           |        |
| Rhodocista centenaria (Rhodospirillum centenum)               | 1            |           |        |
| Rhodocista pekingensis  | 1            |           |        |
| <b>Rhodococcus</b>  |              |           |        |
| Rhodococcus aerolatus   | 1            |           | neu    |
| Rhodococcus aetherivorans                                     | 1            |           |        |
| Rhodococcus agglutinans                                       | 1            |           | neu    |
| Rhodococcus aichiensis → Gordonia aichiensis                  |              |           |        |
| Rhodococcus antrifimi   | 1            |           | neu    |
| Rhodococcus artemisiae  | 1            |           |        |
| Rhodococcus aurantiacus – synonym: Tsukamurella paurometabola |              |           |        |
| Rhodococcus baikonurensis                                     | 1            |           |        |
| Rhodococcus biphenylivorans                                   | 1            |           | neu    |
| Rhodococcus bronchialis → Gordonia bronchialis                |              |           |        |
| Rhodococcus canchipurensis                                    | 1            |           |        |
| Rhodococcus cerastii  | 1            |           |        |
| Rhodococcus cercidiphylli                                     | 1            |           |        |
| Rhodococcus chlorophenolicus → Mycobacterium chlorophenolicum |              |           |        |
| Rhodococcus chubuensis – synonym: Gordonia sputi              |              |           |        |
| Rhodococcus coprophilus                                       | 1            |           |        |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| Rhodococcus corallinus – synonym: Gordonia rubripertincta                           |              |           |        |
| Rhodococcus corynebacterioides (Nocardia corynebacterioides)                        | 1            |           |        |
| Rhodococcus defluvii  | 1            |           |        |
| Rhodococcus degradans   | 1            |           | neu    |
| Rhodococcus enclensis   | 1            |           | neu    |
| Rhodococcus equi (Corynebacterium equi) → Rhodococcus hoagii                        |              |           |        |
| Rhodococcus erythropolis (Arthrobacter picolinophilus; Nocardia calcarea)           | 1            | +         |        |
| Rhodococcus fascians (Corynebacterium fascians)                                     | 1            | p         |        |
| Rhodococcus gannanensis   | 1            |           | neu    |
| Rhodococcus globerulus (Nocardia globerula)   | 1            |           |        |
| Rhodococcus gordoniae   | 2            |           |        |
| Rhodococcus hoagii (Corynebacterium hoagii, Rhodococcus equi, Corynebacterium equi) | 2            | ht        |        |
| Rhodococcus humicola  | 1            |           | neu    |
| Rhodococcus imtechensis   | 1            |           |        |
| Rhodococcus jialingiae – synonym: Rhodococcus qingshengii                           |              |           |        |
| Rhodococcus jostii  | 1            |           |        |
| Rhodococcus koreensis   | 1            |           |        |
| Rhodococcus kroppenstedtii  | 1            |           |        |
| Rhodococcus kunmingensis  | 1            |           |        |
| Rhodococcus kyotonensis   | 1            |           |        |
| Rhodococcus lactis  | 1            |           | neu    |
| Rhodococcus luteus – synonym: Rhodococcus fascians                                  |              |           |        |
| Rhodococcus maanshanensis   | 1            |           |        |
| Rhodococcus marinonascens   | 1            |           |        |
| Rhodococcus maris → Dietzia maris   |              |           |        |
| Rhodococcus nanhaiensis   | 1            |           |        |
| Rhodococcus obuensis – synonym: Gordonia sputi                                      |              |           |        |
| Rhodococcus opacus  | 1            |           |        |
| Rhodococcus pedocola  | 1            |           | neu    |
| Rhodococcus percolatus  | 1            |           |        |
| Rhodococcus phenolicus  | 1            |           |        |
| Rhodococcus pyridinivorans  | 1            |           |        |
| Rhodococcus qingshengii   | 1            |           |        |
| Rhodococcus rhodnii   | 1            |           |        |
| Rhodococcus rhodochrous   | 1            | +         |        |
| Rhodococcus roseus → Rhodococcus rhodochrous  |              |           |        |
| Rhodococcus ruber   | 1            |           |        |
| Rhodococcus rubropertinctus → Gordonia rubripertincta                               |              |           |        |
| Rhodococcus soli  | 1            |           | neu    |
| Rhodococcus sovatensis  | 1            |           | neu    |

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|--|--------------|-----------|--------|
| Rhodococcus sputi → Gordonia sputi                         |              |           |        |
| Rhodococcus terrae → Gordonia terrae                       |              |           |        |
| Rhodococcus triatomae                                      | 1            |           |        |
| Rhodococcus trifolii                                       | 1            |           |        |
| Rhodococcus tukisamuensis                                  | 1            |           |        |
| Rhodococcus wratislaviensis (Tsukamurella wratislaviensis) | 1            |           |        |
| Rhodococcus yunnanensis                                    | 1            |           |        |
| Rhodococcus zopfii   | 1            |           |        |
| <b>Rhodocyclus</b>   |              |           |        |
| Rhodocyclus gelatinosus → Rubrivivax gelatinosus           |              |           |        |
| Rhodocyclus purpureus                                      | 1            |           |        |
| Rhodocyclus tenuis (Rhodospirillum tenue)                  | 1            |           |        |
| <b>Rhodocytophaga</b>                                      |              |           |        |
| Rhodocytophaga aerolata                                    | 1            |           |        |
| <b>Rhodoferax</b>  |              |           |        |
| Rhodoferax antarcticus                                     | 1            |           |        |
| Rhodoferax fermentans                                      | 1            |           |        |
| Rhodoferax ferrireducens = Albidiferax ferrireducens       | 1            |           |        |
| Rhodoferax saidenbachensis                                 | 1            |           |        |
| <b>Rhodoglobus</b>   |              |           |        |
| Rhodoglobus aureus (Leifsonia aurea)                       | 1            |           |        |
| Rhodoglobus vestalii                                       | 1            |           |        |
| <b>Rhodohalobacter</b>                                     |              |           |        |
| Rhodohalobacter halophilus                                 | 1            |           | neu    |
| <b>Rhodoligotrophos</b>                                    |              |           |        |
| Rhodoligotrophos appendicifer                              | 1            |           |        |
| Rhodoligotrophos jinshengii                                | 1            |           | neu    |
| <b>Rhodoluna</b>   |              |           |        |
| Rhodoluna lacicola   | 1            |           | neu    |
| <b>Rhodomicrobium</b>                                      |              |           |        |
| Rhodomicrobium udaipurense                                 | 1            |           |        |
| Rhodomicrobium vanniellii                                  | 1            |           |        |
| <b>Rhodonellum</b>   |              |           |        |
| Rhodonellum psychrophilum                                  | 1            |           |        |
| <b>Rhodopila</b>   |              |           |        |
| Rhodopila globiformis (Rhodopseudomonas globiformis)       | 1            |           |        |
| <b>Rhodopirellula</b>                                      |              |           |        |
| Rhodopirellula baltica                                     | 1            |           |        |
| Rhodopirellula caenicola                                   | 1            |           | neu    |
| Rhodopirellula lusitana                                    | 1            |           | neu    |
| Rhodopirellula rosea                                       | 1            | n         | neu    |
| Rhodopirellula rubra                                       | 1            |           | neu    |
| <b>Rhodoplanes</b>   |              |           |        |
| Rhodoplanes azumiensis                                     | 1            |           | neu    |

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|---|--------------|-----------|--------|
| Rhodoplanes elegans   | 1            |           |        |
| Rhodoplanes oryzae  | 1            |           | neu    |
| Rhodoplanes piscinae  | 1            |           |        |
| Rhodoplanes pokkaliisoli                                      | 1            |           |        |
| Rhodoplanes roseus (Rhodopseudomonas rosea)                   | 1            |           |        |
| Rhodoplanes serenus   | 1            |           |        |
| Rhodoplanes tepidamans  | 1            |           | neu    |
| Rhodoplanes tepidicaeni                                       | 1            |           | neu    |
| <b>Rhodopseudomonas</b>                                       |              |           |        |
| Rhodopseudomonas acidophila → Rhodoblastus acidophilus        |              |           |        |
| Rhodopseudomonas adriatica → Rhodovulum adriaticum            |              |           |        |
| Rhodopseudomonas blastica → Rhodobacter blasticus             |              |           |        |
| Rhodopseudomonas capsulata → Rhodobacter capsulatus           |              |           |        |
| Rhodopseudomonas faecalis                                     | 1            |           |        |
| Rhodopseudomonas gelatinosa → Rubrivivax gelatinosus          |              |           |        |
| Rhodopseudomonas globiformis → Rhodopila globiformis          |              |           |        |
| Rhodopseudomonas harwoodiae                                   | 1            |           |        |
| Rhodopseudomonas julia  | 1            |           |        |
| Rhodopseudomonas marina → Afifella marina                     |              |           |        |
| Rhodopseudomonas palustris                                    | 1            |           |        |
| Rhodopseudomonas parapalustris                                | 1            |           |        |
| Rhodopseudomonas pentothentaxigens                            | 1            |           |        |
| Rhodopseudomonas pseudopalustris                              | 1            |           |        |
| Rhodopseudomonas rhenobacensis                                | 1            |           |        |
| Rhodopseudomonas rosea → Rhodoplanes roseus                   |              |           |        |
| Rhodopseudomonas rutila – synonym: Rhodopseudomonas palustris |              |           |        |
| Rhodopseudomonas sphaeroides → Rhodobacter sphaeroides        |              |           |        |
| Rhodopseudomonas sulfidophila → Rhodovulum sulfidophilum      |              |           |        |
| Rhodopseudomonas sulfoviridis → Blastochloris sulfoviridis    |              |           |        |
| Rhodopseudomonas telluris                                     | 1            |           | neu    |
| Rhodopseudomonas thermotolerans                               | 1            |           |        |
| Rhodopseudomonas viridis → Blastochloris viridis              |              |           |        |
| <b>Rhodosalinus</b>   |              |           |        |
| Rhodosalinus sediminis  | 1            |           | neu    |
| <b>Rhodospira</b>   |              |           |        |
| Rhodospira trueperi   | 1            |           |        |
| <b>Rhodospirillum</b>   |              |           |        |
| Rhodospirillum centenum → Rhodocista centenaria               |              |           |        |



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|--|--------------|-----------|--------|
| Rhodospirillum fulvum → Phaeospirillum fulvum                              |              |           |        |
| Rhodospirillum molischianum → Phaeospirillum molischianum                  |              |           |        |
| Rhodospirillum oryzae → Pararhodospirillum oryzae                          |              |           |        |
| Rhodospirillum photometricum → Pararhodospirillum photometricum            |              |           |        |
| Rhodospirillum rubrum  | 1            |           |        |
| Rhodospirillum salexigens → Rhodothalassium salexigens                     |              |           |        |
| Rhodospirillum salinarum → Rhodovibrio salinarum                           |              |           |        |
| Rhodospirillum sodomense → Rhodovibrio sodomensis                          |              |           |        |
| Rhodospirillum sulfurexigens → Pararhodospirillum sulfurexigens            |              |           |        |
| Rhodospirillum tenue → Rhodocyclus tenuis                                  |              |           |        |
| <b>Rhodothalassium</b>   |              |           |        |
| Rhodothalassium salexigens (Rhodospirillum salexigens)                     | 1            |           |        |
| <b>Rhodothermus</b>  |              |           |        |
| Rhodothermus marinus   | 1            |           |        |
| Rhodothermus obamensis – synonym: Rhodothermus marinus                     |              |           |        |
| Rhodothermus profundus   | 1            |           |        |
| <b>Rhodovarius</b>   |              |           |        |
| Rhodovarius lipocyclicus   | 1            |           |        |
| <b>Rhodovibrio</b>   |              |           |        |
| Rhodovibrio salinarum (Rhodospirillum salinarum)                           | 1            |           |        |
| Rhodovibrio sodomensis (Rhodospirillum sodomense)                          | 1            |           |        |
| <b>Rhodovulum</b>  |              |           |        |
| Rhodovulum adriaticum (Rhodopseudomonas adriatica, Rhodobacter adriaticus) | 1            |           |        |
| Rhodovulum aestuarii   | 1            |           | neu    |
| Rhodovulum algae   | 1            |           | neu    |
| Rhodovulum bhavnagarensis  | 1            |           |        |
| Rhodovulum euryhalinum (Rhodobacter euryhalinus)                           | 1            |           |        |
| Rhodovulum imhoffii  | 1            |           |        |
| Rhodovulum iodosum   | 1            |           |        |
| Rhodovulum kholense  | 1            |           |        |
| Rhodovulum lacipuniceum  | 1            |           |        |
| Rhodovulum mangrovi  | 1            |           | neu    |
| Rhodovulum marinum   | 1            |           |        |
| Rhodovulum phaeolacus  | 1            |           |        |
| Rhodovulum robiginosum   | 1            |           |        |
| Rhodovulum salis   | 1            |           |        |
| Rhodovulum steppense   | 1            |           |        |
| Rhodovulum strictum  | 1            |           |        |

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|---|----------------|-----------|--------------|
| Rhodovulum sulfidophilum (Rhodopseudomonas sulfidophila, Rhodobacter sulfidophilus) | 1              |           |              |
| Rhodovulum tesquicola   | 1              |           |              |
| Rhodovulum viride   | 1              |           |              |
| Rhodovulum visakhapatnamense  | 1              |           |              |
| <b>Rickettsia</b>   |                |           |              |
| Rickettsia aeschlimannii  | 2              | Z         |              |
| Rickettsia africae  | 3              | Z         |              |
| Rickettsia akari  | 3(**)          | Z         |              |
| Rickettsia amblyommatis   | 2              | Z         | neu          |
| Rickettsia asiatica   | 1              | t+        | neu          |
| Rickettsia australis  | 3              | Z         |              |
| Rickettsia bellii   | 2 <sup>G</sup> | t         |              |
| Rickettsia buchneri   | 1              |           | neu          |
| Rickettsia canadensis <sup>14</sup>   | 2              | Z         | Einst., Bem. |
| Rickettsia conorii  | 3              | Z         |              |
| Rickettsia felis  | 2              | Z         |              |
| Rickettsia gravesii   | 2              | Z         | neu          |
| Rickettsia heilongjiangensis  | 3(**)          | Z         |              |
| Rickettsia helvetica  | 2              | Z         |              |
| Rickettsia honei  | 2              | Z         |              |
| Rickettsia hoogstraalii   | 2              | Z         | neu          |
| Rickettsia japonica   | 3              | Z         |              |
| Rickettsia massiliae  | 2              | Z         | Einst.       |
| Rickettsia montanensis <sup>14</sup>  | 2              | Z         | Einst., Bem. |
| Rickettsia parkeri  | 2              | Z         |              |
| Rickettsia peacockii  | 1              |           |              |
| Rickettsia prowazekii   | 3              | Z         |              |
| Rickettsia raoultii   | 2              | Z         |              |
| Rickettsia rhipicephali   | 2              | t         |              |
| Rickettsia rickettsii   | 3              | Z         |              |
| Rickettsia sennetsu → Neorickettsia sennetsu  |                |           |              |
| Rickettsia sibirica   | 3              | Z         |              |
| Rickettsia slovacica  | 2              | Z         |              |
| Rickettsia tamurae  | 1              | +         |              |
| Rickettsia tsutsugamushi → Orientia tsutsugamushi                                   |                |           |              |
| Rickettsia typhi  | 3              | Z         |              |
| <b>Rickettsiella</b>  |                |           |              |
| Rickettsiella chironomi   | 1              | n         |              |
| Rickettsiella grylli  | 1              | n         |              |
| Rickettsiella popilliae   | 1              | n         |              |
| Rickettsiella stethorae   | 1              | n         |              |

<sup>14</sup> Bisher nur bei Zecken nachgewiesen.

<sup>G</sup> Auf eine abweichende Einstufung in der „Liste risikobewerteter Spender- und Empfängerorganismen für gentechnische Arbeiten“ wird hingewiesen.

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| <b>Riemerella</b>   |              |           |        |
| Riemerella anatipestifer (Moraxella anatipestifer)  | 2            | t         |        |
| Riemerella columbina  | 2            | t         |        |
| Riemerella columbipharyngis   | 1            |           | neu    |
| <b>Rikenella</b>  |              |           |        |
| Rikenella microfus (Bacteroides microfus)   | 1            |           |        |
| <b>Risungbinella</b>  |              |           |        |
| Risungbinella massiliensis  | 1            |           | neu    |
| Risungbinella pyongyangensis  | 1            |           | neu    |
| <b>Rivibacter</b>   |              |           |        |
| Rivibacter subsaxonicus (Methylibium subsaxonicum)  | 1            |           |        |
| <b>Rivicola</b>   |              |           |        |
| Rivicola pingtungensis  | 1            |           |        |
| <b>Robbsia</b>  |              |           |        |
| Robbsia andropogonis (Paraburkholderia andropogonis, Burkholderia andropogonis, Pseudomonas andropogonis) | 1            | p         | Umb.   |
| <b>Robertkochia</b>   |              |           |        |
| Robertkochia marina   | 1            |           |        |
| <b>Robiginitalea</b>  |              |           |        |
| Robiginitalea biformata   | 1            |           |        |
| Robiginitalea myxolifaciens   | 1            |           |        |
| <b>Robiginitomaculum</b>  |              |           |        |
| Robiginitomaculum antarcticum   | 1            |           |        |
| <b>Robinsoniella</b>  |              |           |        |
| Robinsoniella peoriensis  | 1            | +         |        |
| <b>Rochalimaea → Bartonella</b>   |              |           |        |
| Rochalimaea elizabethae → Bartonella elizabethae  |              |           |        |
| Rochalimaea henselae → Bartonella henselae  |              |           |        |
| Rochalimaea quintana → Bartonella quintana  |              |           |        |
| Rochalimaea vinsonii → Bartonella vinsonii subsp. vinsonii  |              |           |        |
| <b>Rodentibacter</b>  |              |           |        |
| Rodentibacter heidelbergensis   | 1            | t+        | neu    |
| Rodentibacter heylii  | 2            | Z         | neu    |
| Rodentibacter mrazii  | 1            | t+        | neu    |
| Rodentibacter myodis  | 1            | t+        | neu    |
| Rodentibacter pneumotropicus (Pasteurella pneumotropica)  | 2            | Z         | Umb.   |
| Rodentibacter rarus   | 1            | t+        | neu    |
| Rodentibacter ratti   | 1            | t+        | neu    |
| Rodentibacter trehalosifermentans   | 1            | t+        | neu    |
| <b>Romboutsia</b>   |              |           |        |
| Romboutsia ilealis  | 1            |           |        |
| Romboutsia lituseburensis (Clostridium lituseburensis)  | 1            |           |        |
| Romboutsia sedimentorum   | 1            |           | neu    |

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|--------------------------------|--------------|-----------|--------|
| <b>Roseateles</b>              |              |           |        |
| Roseateles aquatilis           | 1            |           |        |
| Roseateles depolymerans        | 1            |           |        |
| Roseateles terrae              | 1            |           |        |
| <b>Roseburia</b>               |              |           |        |
| Roseburia cecicola             | 1            |           |        |
| Roseburia faecis               | 1            |           |        |
| Roseburia hominis              | 1            |           |        |
| Roseburia intestinalis         | 1            |           |        |
| Roseburia inulinivorans        | 1            |           |        |
| <b>Roseiarcus</b>              |              |           |        |
| Roseiarcus fermentans          | 1            |           | neu    |
| <b>Roseibaca</b>               |              |           |        |
| Roseibaca ekhonensis           | 1            |           |        |
| <b>Roseibacillus</b>           |              |           |        |
| Roseibacillus ishigakijimensis | 1            |           |        |
| Roseibacillus persicus         | 1            |           |        |
| Roseibacillus ponti            | 1            |           |        |
| <b>Roseibacterium</b>          |              |           |        |
| Roseibacterium elongatum       | 1            |           |        |
| <b>Roseibium</b>               |              |           |        |
| Roseibium aquae                | 1            |           | neu    |
| Roseibium denhamense           | 1            |           |        |
| Roseibium hamelinense          | 1            |           |        |
| Roseibium sediminis            | 1            |           | neu    |
| <b>Roseicitreum</b>            |              |           |        |
| Roseicitreum antarcticum       | 1            |           |        |
| <b>Roseicyclus</b>             |              |           |        |
| Roseicyclus mahoneyensis       | 1            |           |        |
| <b>Roseiflexus</b>             |              |           |        |
| Roseiflexus castenholzii       | 1            |           |        |
| <b>Roseimarinus</b>            |              |           |        |
| Roseimarinus sediminis         | 1            |           | neu    |
| <b>Roseimaritima</b>           |              |           |        |
| Roseimaritima ulvae            | 1            |           | neu    |
| <b>Roseimicrobium</b>          |              |           |        |
| Roseimicrobium gellanilyticum  | 1            |           |        |
| <b>Roseinatronobacter</b>      |              |           |        |
| Roseinatronobacter monicus     | 1            |           |        |
| Roseinatronobacter thiooxidans | 1            |           |        |
| <b>Roseisalinus</b>            |              |           |        |
| Roseisalinus antarcticus       | 1            |           |        |
| <b>Roseitalea</b>              |              |           |        |
| Roseitalea porphyridii         | 1            |           | neu    |
| <b>Roseivirga</b>              |              |           |        |
| Roseivirga echinomitans        | 1            |           |        |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| Roseivirga ehrenbergii  | 1            |           |        |
| Roseivirga marina   | 1            |           | neu    |
| Roseivirga maritima   | 1            |           | neu    |
| Roseivirga seohaensis (Marinicola seohaensis) –<br>synonym: Roseivirga ehrenbergii          |              |           |        |
| Roseivirga seohaensis (Marinicola seohaensis)<br>→ Roseivirga seohaensis subsp. seohaensis  |              |           | Umb.   |
| Roseivirga seohaensis subsp. aquiponti  | 1            |           | neu    |
| Roseivirga seohaensis subsp. seohaensis (Rose-<br>ovirga seohaensis, Marinicola seohaensis) | 1            |           | Umb.   |
| Roseivirga spongicola   | 1            |           |        |
| <b>Roseivivax</b>   |              |           |        |
| Roseivivax atlanticus   | 1            |           | neu    |
| Roseivivax halodurans   | 1            |           |        |
| Roseivivax halotolerans   | 1            |           |        |
| Roseivivax isoporae   | 1            |           |        |
| Roseivivax jejudonensis   | 1            |           | neu    |
| Roseivivax lentus   | 1            |           |        |
| Roseivivax marinus  | 1            |           | neu    |
| Roseivivax pacificus  | 1            |           |        |
| Roseivivax roseus   | 1            |           |        |
| Roseivivax sediminis  | 1            |           |        |
| <b>Rosenbergiella</b>   |              |           |        |
| Rosenbergiella australiborealis   | 1            |           | neu    |
| Rosenbergiella collisarenosi  | 1            |           | neu    |
| Rosenbergiella epipactidis  | 1            |           | neu    |
| Rosenbergiella nectarea   | 1            |           |        |
| <b>Roseobacter</b>  |              |           |        |
| Roseobacter algicola → Marinovum algicola   |              |           |        |
| Roseobacter denitrificans   | 1            |           |        |
| Roseobacter gallaeciensis → Phaeobacter<br>gallaeciensis                                    |              |           |        |
| Roseobacter litoralis   | 1            |           |        |
| Roseobacter ponti   | 1            |           | neu    |
| <b>Roseococcus</b>  |              |           |        |
| Roseococcus suduntuyensis   | 1            |           |        |
| Roseococcus thiosulfatophilus   | 1            |           |        |
| <b>Roseomonas</b>   |              |           |        |
| Roseomonas aerilata   | 1            |           |        |
| Roseomonas aerofrigidensis  | 1            |           | neu    |
| Roseomonas aerophila  | 1            |           |        |
| Roseomonas aestuarii  | 1            |           |        |
| Roseomonas alkaliterrae   | 1            |           | neu    |
| Roseomonas aquatica   | 1            |           |        |
| Roseomonas arctica  | 1            |           | neu    |
| Roseomonas arcticisoli  | 1            |           | neu    |
| Roseomonas cervicalis   | 2            |           |        |

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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| <i>Roseomonas eburnea</i>  | 1            |           | neu    |
| <i>Roseomonas elaeocarp</i>  | 1            |           | neu    |
| <i>Roseomonas fauriae</i> <sup>15</sup>                                | 2            |           |        |
| <i>Roseomonas frigidaquae</i>  | 1            |           |        |
| <i>Roseomonas gilardii</i> subsp. <i>gilardii</i>                      | 2            |           |        |
| <i>Roseomonas gilardii</i> subsp. <i>rosea</i>                         | 2            |           |        |
| <i>Roseomonas hibiscisoli</i>  | 1            |           | neu    |
| <i>Roseomonas lacus</i>  | 1            |           |        |
| <i>Roseomonas ludipueritiae</i> ( <i>Teichococcus ludipueritiae</i> )  | 1            |           |        |
| <i>Roseomonas mucosa</i>   | 2            |           |        |
| <i>Roseomonas musae</i>  | 1            |           | neu    |
| <i>Roseomonas nepalensis</i>   | 1            |           | neu    |
| <i>Roseomonas oryzae</i>   | 1            |           | neu    |
| <i>Roseomonas oryzicola</i>  | 1            |           | neu    |
| <i>Roseomonas pecuniae</i>   | 1            |           |        |
| <i>Roseomonas rhizosphaerae</i>  | 1            |           |        |
| <i>Roseomonas riguiloci</i>  | 1            |           |        |
| <i>Roseomonas rosea</i> ( <i>Muricoccus roseus</i> )                   | 1            |           |        |
| <i>Roseomonas rubra</i>  | 1            |           | neu    |
| <i>Roseomonas soli</i>   | 1            |           |        |
| <i>Roseomonas stagni</i>   | 1            |           |        |
| <i>Roseomonas suffusca</i>   | 1            |           | neu    |
| <i>Roseomonas terrae</i>   | 1            |           |        |
| <i>Roseomonas terricola</i>  | 1            |           | neu    |
| <i>Roseomonas tokyonensis</i>  | 1            |           |        |
| <i>Roseomonas vinacea</i>  | 1            |           |        |
| <i>Roseomonas wooponensis</i>  | 1            |           | neu    |
| <b>Roseospira</b>  |              |           |        |
| <i>Roseospira goensis</i>  | 1            |           |        |
| <i>Roseospira marina</i>   | 1            |           |        |
| <i>Roseospira mediosalina</i> („ <i>Rhodospirillum mediosalinum</i> “) | 1            |           |        |
| <i>Roseospira navarrensis</i>  | 1            |           |        |
| <i>Roseospira thiosulfatophila</i>                                     | 1            |           |        |
| <i>Roseospira visakhapatnamensis</i>                                   | 1            |           |        |
| <b>Roseospirillum</b>  |              |           |        |
| <i>Roseospirillum parvum</i>   | 1            |           |        |
| <b>Roseovarius</b>   |              |           |        |
| <i>Roseovarius aestuarii</i>   | 1            |           |        |
| <i>Roseovarius aestuariivivens</i>                                     | 1            |           | neu    |

<sup>15</sup> Inzwischen sind an der von Hesel et al. (Int. J. Syst. Evolut. Microbiol. 56, 2753-2756, 2006) vorgeschlagenen Reklassifizierung von *Roseomonas fauriae* als Synonym von *Azospirillum brasilense* Zweifel aufgetreten (L. Kinzel, M. Schmid, M. Rothballer, and A. Hartmann, Phylogenetic relationship between *Azospirillum* and *Roseomonas*, 11th International Symposium on Nitrogen Fixation with Non-Legumes, Gent, Belgium, 3.-4.9.08), sodass *Roseomonas fauriae* als eigenständige Art zunächst beibehalten wird.

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| Roseovarius albus   | 1            |           | neu    |
| Roseovarius antarcticus                                       | 1            |           | neu    |
| Roseovarius aquimarinus                                       | 1            |           | neu    |
| Roseovarius atlanticus  | 1            |           | neu    |
| Roseovarius azorensis   | 1            |           | neu    |
| Roseovarius confluentis                                       | 1            |           | neu    |
| Roseovarius crassostreae → Aliiroseovarius crassostreae       |              |           | Umb.   |
| Roseovarius gaetbuli  | 1            |           | neu    |
| Roseovarius halocynthiae → Aliiroseovarius halocynthiae       |              |           | Umb.   |
| Roseovarius halotolerans                                      | 1            |           |        |
| Roseovarius indicus   | 1            |           |        |
| Roseovarius litoreus  | 1            |           |        |
| Roseovarius lutimaris   | 1            |           |        |
| Roseovarius marinus → Pacificibacter marinus                  |              |           | Umb.   |
| Roseovarius marisflavi  | 1            |           |        |
| Roseovarius mucosus   | 1            |           |        |
| Roseovarius nanhaiticus                                       | 1            |           |        |
| Roseovarius nubinhibens                                       | 1            |           |        |
| Roseovarius pacificus   | 1            |           |        |
| Roseovarius scapharcae  | 1            |           | neu    |
| Roseovarius sediminilitoris → Aliiroseovarius sediminilitoris |              |           | Umb.   |
| Roseovarius tolerans  | 1            |           |        |
| <b>Rothia</b>   |              |           |        |
| Rothia aerea  | 1            | +         |        |
| Rothia aerolata   | 1            |           | neu    |
| Rothia amarae   | 1            |           |        |
| Rothia dentocariosa   | 2            |           |        |
| Rothia endophytica  | 1            |           |        |
| Rothia mucilaginosus (Stomatococcus mucilaginosus)            | 2            |           |        |
| Rothia nasimurium   | 1            |           |        |
| Rothia terrae   | 1            |           |        |
| <b>Rouxiella</b>  |              |           |        |
| Rouxiella badensis  | 1            |           | neu    |
| Rouxiella chamberiensis                                       | 1            |           | neu    |
| Rouxiella silvae  | 1            |           | neu    |
| <b>Ruania</b>   |              |           |        |
| Ruania albidiflava  | 1            |           |        |
| <b>Rubellimicrobium</b>                                       |              |           |        |
| Rubellimicrobium aerolatum                                    | 1            |           |        |
| Rubellimicrobium mesophilum                                   | 1            |           |        |
| Rubellimicrobium roseum                                       | 1            |           |        |
| Rubellimicrobium thermophilum                                 | 1            |           |        |
| <b>Rubinisphaera</b>  |              |           |        |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| Rubinisphaera brasiliensis (Planctomyces brasiliensis)                        | 1            |           | Umb.   |
| <b>Rubribacterium</b>   |              |           |        |
| Rubribacterium polymorphum  | 1            |           |        |
| <b>Rubricella</b>   |              |           |        |
| Rubricella aquisinus  | 1            |           | neu    |
| <b>Rubricoccus</b>  |              |           |        |
| Rubricoccus marinus   | 1            |           |        |
| <b>Rubrimonas</b>   |              |           |        |
| Rubrimonas cliftonensis   | 1            |           |        |
| <b>Rubripirellula</b>   |              |           |        |
| Rubripirellula obstinata  | 1            |           | neu    |
| <b>Rubritalea</b>   |              |           |        |
| Rubritalea halochoardaticola  | 1            |           |        |
| Rubritalea marina   | 1            |           |        |
| Rubritalea sabuli   | 1            |           |        |
| Rubritalea spongiae   | 1            |           |        |
| Rubritalea squalenifaciens  | 1            |           |        |
| Rubritalea tangerina  | 1            |           |        |
| <b>Rubritepida</b>  |              |           |        |
| Rubritepida flocculans  | 1            |           |        |
| <b>Rubrivirga</b>   |              |           |        |
| Rubrivirga marina   | 1            |           |        |
| Rubrivirga profundus  | 1            |           | neu    |
| <b>Rubrivivax</b>   |              |           |        |
| Rubrivivax benzoatilyticus  | 1            |           |        |
| Rubrivivax gelatinosus (Rhodopseudomonas gelatinosa, Rhodocyclus gelatinosus) | 1            |           |        |
| <b>Rubrobacter</b>  |              |           |        |
| Rubrobacter aplysinae   | 1            |           |        |
| Rubrobacter bracarensis   | 1            |           |        |
| Rubrobacter calidifluminis  | 1            |           | neu    |
| Rubrobacter naiadicus   | 1            |           | neu    |
| Rubrobacter radiotolerans (Arthrobacter radiotolerans)                        | 1            |           |        |
| Rubrobacter spartanus   | 1            |           | neu    |
| Rubrobacter taiwanensis   | 1            |           |        |
| Rubrobacter xylanophilus  | 1            |           |        |
| <b>Rudaea</b>   |              |           |        |
| Rudaea cellulolytica  | 1            |           |        |
| <b>Rudaeicoccus</b>   |              |           |        |
| Rudaeicoccus suwonensis   | 1            |           |        |
| <b>Rudaibacter</b>  |              |           |        |
| Rudaibacter terrae  | 1            |           |        |
| <b>Rudanella</b>  |              |           |        |
| Rudanella lutea   | 1            |           |        |
| <b>Ruegeria</b>   |              |           |        |
| Ruegeria algicola → Marinovum algicola  |              |           |        |



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|--|--------------|-----------|--------|
| <i>Ruegeria arenillitoris</i>  | 1            |           |        |
| <i>Ruegeria atlantica</i> ( <i>Agrobacterium atlanticum</i> )  | 1            |           |        |
| <i>Ruegeria conchae</i>  | 1            |           |        |
| <i>Ruegeria faecimaris</i>   | 1            |           |        |
| <i>Ruegeria gelatinovorans</i> ( <i>Agrobacterium gelatinovorum</i> ) → <i>Thalassobius gelatinovorans</i> |              |           |        |
| <i>Ruegeria halocynthiae</i>   | 1            |           |        |
| <i>Ruegeria intermedia</i>   | 1            |           |        |
| <i>Ruegeria lacuscaerulensis</i> ( <i>Silicibacter lacuscaerulensis</i> )                                  | 1            |           |        |
| <i>Ruegeria marina</i>   | 1            |           |        |
| <i>Ruegeria marisrubri</i>   | 1            |           | neu    |
| <i>Ruegeria meonggei</i>   | 1            |           | neu    |
| <i>Ruegeria mobilis</i>  | 1            |           |        |
| <i>Ruegeria pelagia</i> – synonym: <i>Ruegeria mobilis</i>   |              |           |        |
| <i>Ruegeria pomeroyi</i> ( <i>Silicibacter pomeroyi</i> )  | 1            |           |        |
| <i>Ruegeria profundii</i>  | 1            |           | neu    |
| <i>Ruegeria scottomollicae</i>   | 1            |           |        |
| <b>Rufibacter</b>  |              |           |        |
| <i>Rufibacter glacialis</i>  | 1            |           | neu    |
| <i>Rufibacter immobilis</i>  | 1            |           | neu    |
| <i>Rufibacter quisquiliarum</i>  | 1            |           | neu    |
| <i>Rufibacter roseus</i>   | 1            |           | neu    |
| <i>Rufibacter ruber</i>  | 1            |           | neu    |
| <i>Rufibacter tibetensis</i>   | 1            |           |        |
| <b>Ruficoccus</b>  |              |           |        |
| <i>Ruficoccus amylovorans</i>  | 1            |           | neu    |
| <b>Rugamonas</b>   |              |           |        |
| <i>Rugamonas rubra</i>   | 1            |           |        |
| <b>Rugosibacter</b>  |              |           |        |
| <i>Rugosibacter aromaticivorans</i>  | 1            |           | neu    |
| <b>Rugosimonospora</b>   |              |           |        |
| <i>Rugosimonospora acidiphila</i>  | 1            |           |        |
| <i>Rugosimonospora africana</i>  | 1            |           |        |
| <b>Ruminobacter</b>  |              |           |        |
| <i>Ruminobacter amylophilus</i> ( <i>Bacteroides amylophilus</i> )   | 1            |           |        |
| <b>Ruminococcus</b>  |              |           |        |
| <i>Ruminococcus albus</i>  | 1            |           |        |
| <i>Ruminococcus bromii</i>   | 1            |           |        |
| <i>Ruminococcus callidus</i>   | 1            |           |        |
| <i>Ruminococcus champanellensis</i>  | 1            |           |        |
| <i>Ruminococcus faecis</i>   | 1            |           |        |
| <i>Ruminococcus flavefaciens</i>   | 1            |           |        |
| <i>Ruminococcus gauvreauii</i>   | 1            |           |        |
| <i>Ruminococcus gnavus</i>   | 1            |           |        |
| <i>Ruminococcus hansenii</i> ( <i>Streptococcus hansenii</i> )<br>→ <i>Blautia hansenii</i>                |              |           |        |

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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| Ruminococcus hydrogenotrophicus → Blautia hydrogenotrophica              |              |           |        |
| Ruminococcus lactaris  | 1            |           |        |
| Ruminococcus luti → Blautia luti   |              |           |        |
| Ruminococcus obeum → Blautia obeum                                       |              |           | Umb.   |
| Ruminococcus palustris → Trichococcus palustris                          |              |           |        |
| Ruminococcus pasteurii → Lactosphaera pasteurii                          |              |           |        |
| Ruminococcus productus (Peptostreptococcus productus) → Blautia producta |              |           |        |
| Ruminococcus schinkii → Blautia schinkii                                 |              |           |        |
| Ruminococcus torques   | 1            |           |        |
| <b>Rummeliibacillus</b>  |              |           |        |
| Rummeliibacillus pycnus (Bacillus pycnus)                                | 1            |           |        |
| Rummeliibacillus stabekisii  | 1            |           |        |
| Rummeliibacillus suwonensis  | 1            |           |        |
| <b>Runella</b>   |              |           |        |
| Runella defluvii   | 1            |           |        |
| Runella limosa   | 1            |           |        |
| Runella palustris  | 1            |           | neu    |
| Runella slithyformis   | 1            |           |        |
| Runella zeae   | 1            |           |        |
| <b>Ruthenibacterium</b>  |              |           |        |
| Ruthenibacterium lactatiformans  | 1            |           | neu    |
| <b>Sabulilitoribacter</b>  |              |           |        |
| Sabulilitoribacter arenilitoris  | 1            |           | neu    |
| Sabulilitoribacter multivorans   | 1            |           |        |
| <b>Saccharedens</b>  |              |           |        |
| Saccharedens versatilis  | 1            |           | neu    |
| <b>Saccharibacillus</b>  |              |           |        |
| Saccharibacillus deserti   | 1            |           | neu    |
| Saccharibacillus endophyticus  | 1            |           | neu    |
| Saccharibacillus kuerlensis  | 1            |           |        |
| Saccharibacillus qingshengii   | 1            |           | neu    |
| Saccharibacillus sacchari  | 1            |           |        |
| <b>Saccharibacter</b>  |              |           |        |
| Saccharibacter floricola   | 1            |           |        |
| <b>Saccharicrinis</b>  |              |           |        |
| Saccharicrinis carchari  | 1            |           | neu    |
| Saccharicrinis fermentans (Cytophaga fermentans)                         | 1            |           |        |
| Saccharicrinis marinus → Labilibacter marinus                            |              |           | Umb.   |
| <b>Saccharobacter</b>  |              |           |        |
| Saccharobacter fermentatus   | 1            |           |        |
| <b>Saccharococcus</b>  |              |           |        |
| Saccharococcus caldoxylosilyticus → Geobacillus caldoxylosilyticus       |              |           |        |
| Saccharococcus thermophilus  | 1            |           |        |

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| <b>Saccharofermentans</b>   |              |           |        |
| Saccharofermentans acetigenes   | 1            |           |        |
| <b>Saccharomonospora</b>  |              |           |        |
| Saccharomonospora amisosensis   | 1            |           |        |
| Saccharomonospora azurea  | 1            |           |        |
| Saccharomonospora colocasiae  | 1            |           | neu    |
| Saccharomonospora cyanea  | 1            |           |        |
| Saccharomonospora glauca  | 1            |           |        |
| Saccharomonospora halophila   | 1            |           |        |
| Saccharomonospora marina  | 1            |           |        |
| Saccharomonospora oceani  | 1            |           |        |
| Saccharomonospora paurometabolica   | 1            |           |        |
| Saccharomonospora saliphila   | 1            |           |        |
| Saccharomonospora viridis   | 1            | +         |        |
| Saccharomonospora xiaoerkulensis  | 1            |           | neu    |
| Saccharomonospora xinjiangensis   | 1            |           |        |
| <b>Saccharophagus</b>   |              |           |        |
| Saccharophagus degradans  | 1            |           |        |
| <b>Saccharopolyspora</b>  |              |           |        |
| Saccharopolyspora aidingensis → Salinifilum aidingensis                           |              |           | Umb.   |
| Saccharopolyspora antimicrobica   | 1            |           |        |
| Saccharopolyspora cavernae  | 1            |           |        |
| Saccharopolyspora cebuensis   | 1            |           |        |
| Saccharopolyspora dendranthemae   | 1            |           |        |
| Saccharopolyspora erythraea (Streptomyces erythraeus)                             | 1            |           |        |
| Saccharopolyspora flava   | 1            |           |        |
| Saccharopolyspora ghardaiensis → Salinifilum ghardaiensis                         |              |           | Umb.   |
| Saccharopolyspora gloriosae   | 1            |           |        |
| Saccharopolyspora gregorii  | 1            |           |        |
| Saccharopolyspora halophila   | 1            |           |        |
| Saccharopolyspora halotolerans  | 1            |           | neu    |
| Saccharopolyspora hirsuta subsp. hirsuta  | 1            |           |        |
| Saccharopolyspora hirsuta subsp. kobensis   | 1            |           |        |
| Saccharopolyspora hirsuta subsp. taberi → Saccharopolyspora taberi                |              |           |        |
| Saccharopolyspora hordei  | 1            |           |        |
| Saccharopolyspora indica  | 1            |           |        |
| Saccharopolyspora jiangxiensis  | 1            |           |        |
| Saccharopolyspora lacisalsi   | 1            |           |        |
| Saccharopolyspora phatthalungensis  | 1            |           |        |
| Saccharopolyspora qijiaojiangensis  | 1            |           |        |
| Saccharopolyspora rectivirgula (Micropolyspora rectivirgula, Faenia rectivirgula) | 1            | +         |        |
| Saccharopolyspora rosea   | 1            | +         |        |
| Saccharopolyspora shandongensis   | 1            |           |        |

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| <i>Saccharopolyspora spinosa</i>  | 1            |           |        |
| <i>Saccharopolyspora spinosporotrichia</i>  | 1            |           |        |
| <i>Saccharopolyspora spongiae</i>   | 1            |           | neu    |
| <i>Saccharopolyspora subtropica</i>   | 1            |           | neu    |
| <i>Saccharopolyspora taberi</i> ( <i>Saccharopolyspora hirsuta</i> subsp. <i>taberi</i> )   | 1            |           |        |
| <i>Saccharopolyspora thermophila</i>  | 1            |           |        |
| <i>Saccharopolyspora tripterygii</i>  | 1            |           |        |
| <b>Saccharosporillum</b>  |              |           |        |
| <i>Saccharosporillum aestuarii</i>  | 1            |           |        |
| <i>Saccharosporillum correiae</i>   | 1            |           | neu    |
| <i>Saccharosporillum impatiens</i>  | 1            |           |        |
| <i>Saccharosporillum salsuginis</i>   | 1            |           |        |
| <b>Saccharothrix</b>  |              |           |        |
| <i>Saccharothrix aerocolonigenes</i> subsp. <i>aerocolonigenes</i> → <i>Lechevalieria aerocolonigenes</i> subsp. <i>aerocolonigenes</i> |              |           |        |
| <i>Saccharothrix aerocolonigenes</i> subsp. <i>staurosporea</i> → <i>Lentzea albida</i>   |              |           |        |
| <i>Saccharothrix albidocapillata</i> → <i>Lentzea albidocapillata</i>   |              |           |        |
| <i>Saccharothrix algeriensis</i>  | 1            |           |        |
| <i>Saccharothrix australiensis</i>  | 1            |           |        |
| <i>Saccharothrix carnea</i>   | 1            |           | neu    |
| <i>Saccharothrix coeruleofusca</i> ( <i>Actinomadura coeruleofusca</i> , <i>Nocardiopsis coeruleofusca</i> )                            | 1            |           |        |
| <i>Saccharothrix coeruleoviolacea</i> → <i>Goodfellowiella coeruleoviolacea</i>   |              |           |        |
| <i>Saccharothrix cryophilis</i> → <i>Crossiella cryophila</i>   |              |           |        |
| <i>Saccharothrix ecbatanensis</i>   | 1            |           | neu    |
| <i>Saccharothrix espanaensis</i>  | 1            |           |        |
| <i>Saccharothrix flava</i> → <i>Lechevalieria flava</i>   |              |           |        |
| <i>Saccharothrix ghardaiensis</i>   | 1            |           | neu    |
| <i>Saccharothrix hoggarensis</i>  | 1            |           |        |
| <i>Saccharothrix isguenensis</i>  | 1            |           | neu    |
| <i>Saccharothrix longispora</i> ( <i>Actinomadura longispora</i> , <i>Nocardiopsis longispora</i> )                                     | 1            |           |        |
| <i>Saccharothrix lopnurensis</i>  | 1            |           | neu    |
| <i>Saccharothrix mutabilis</i> ( <i>Nocardiopsis mutabilis</i> ) → <i>Saccharothrix mutabilis</i> subsp. <i>mutabilis</i>               |              |           |        |
| <i>Saccharothrix mutabilis</i> subsp. <i>capreolus</i>  | 1            |           |        |
| <i>Saccharothrix mutabilis</i> subsp. <i>mutabilis</i> ( <i>Nocardiopsis mutabilis</i> , <i>Saccharothrix mutabilis</i> )               | 1            |           |        |
| <i>Saccharothrix saharensis</i>   | 1            |           |        |
| <i>Saccharothrix stipae</i>   | 1            |           | neu    |
| <i>Saccharothrix syringae</i> ( <i>Nocardiopsis syringae</i> )  | 1            |           |        |
| <i>Saccharothrix tamarrassetensis</i>   | 1            |           | neu    |
| <i>Saccharothrix tangerinus</i> → <i>Umezawaea tangerina</i>  |              |           |        |
| <i>Saccharothrix texasensis</i>   | 1            |           |        |

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| <i>Saccharothrix variisporea</i>                                    | 1            |           |        |
| <i>Saccharothrix violacea</i> → <i>Lentzea violacea</i>             |              |           |        |
| <i>Saccharothrix violaceirubra</i>                                  | 1            |           |        |
| <i>Saccharothrix waywayandensis</i> → <i>Lentzea waywayandensis</i> |              |           |        |
| <i>Saccharothrix xinjiangensis</i>                                  | 1            |           |        |
| <b>Sagittula</b>  |              |           |        |
| <i>Sagittula marina</i>   | 1            |           |        |
| <i>Sagittula stellata</i>   | 1            |           |        |
| <b>Salana</b>   |              |           |        |
| <i>Salana multivorans</i>   | 1            |           |        |
| <b>Salegentibacter</b>  |              |           |        |
| <i>Salegentibacter agarivorans</i>                                  | 1            |           |        |
| <i>Salegentibacter catena</i> → <i>Salinimicrobium catena</i>       |              |           |        |
| <i>Salegentibacter chungangensis</i>                                | 1            |           |        |
| <i>Salegentibacter echinorum</i>                                    | 1            |           | neu    |
| <i>Salegentibacter flavus</i>                                       | 1            |           |        |
| <i>Salegentibacter holothuriorum</i>                                | 1            |           |        |
| <i>Salegentibacter mishustinae</i>                                  | 1            |           |        |
| <i>Salegentibacter salarius</i>                                     | 1            |           |        |
| <i>Salegentibacter salegens</i> ( <i>Flavobacterium salegens</i> )  | 1            |           |        |
| <i>Salegentibacter salinarum</i>                                    | 1            |           |        |
| <b>Salibacillus</b> → <b>Virgibacillus</b>                          |              |           |        |
| <i>Salibacillus marismortui</i> → <i>Virgibacillus marismortui</i>  |              |           |        |
| <i>Salibacillus salexigens</i> → <i>Virgibacillus salexigens</i>    |              |           |        |
| <b>Salibacter</b>   |              |           |        |
| <i>Salibacter halophilus</i>  | 1            |           | neu    |
| <b>Salibacterium</b>  |              |           |        |
| <i>Salibacterium halochares</i> ( <i>Bacillus halochares</i> )      | 1            |           | Umb.   |
| <i>Salibacterium halotolerans</i>                                   | 1            |           | neu    |
| <i>Salibacterium lacus</i>  | 1            |           | neu    |
| <i>Salibacterium qingdaonense</i> ( <i>Bacillus qingdaonensis</i> ) | 1            |           | Umb.   |
| <b>Salicola</b>   |              |           |        |
| <i>Salicola marasensis</i>  | 1            |           |        |
| <i>Salicola salis</i>   | 1            |           |        |
| <b>Salilacibacter</b>   |              |           |        |
| <i>Salilacibacter albus</i>   | 1            |           | neu    |
| <b>Salimesophilobacter</b>  |              |           |        |
| <i>Salimesophilobacter vulgaris</i>                                 | 1            |           |        |
| <b>Salimicrobium</b>  |              |           |        |
| <i>Salimicrobium album</i> ( <i>Marinococcus albus</i> )            | 1            |           |        |
| <i>Salimicrobium flavidum</i>                                       | 1            |           |        |
| <i>Salimicrobium halophilum</i> ( <i>Bacillus halophilus</i> )      | 1            |           |        |
| <i>Salimicrobium jeotgali</i>                                       | 1            |           | neu    |

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| <i>Salimicrobium luteum</i>                                       | 1            |           |        |
| <i>Salimicrobium salexigens</i>                                   | 1            |           |        |
| <b>Salinactinospora</b>   |              |           |        |
| <i>Salinactinospora qingdaonensis</i>                             | 1            |           |        |
| <b>Salinarchaeum</b>  |              |           |        |
| <i>Salinarchaeum chitinilyticum</i>                               | 1            |           | neu    |
| <i>Salinarchaeum laminariae</i>                                   | 1            |           |        |
| <b>Salinarimonas</b>  |              |           |        |
| <i>Salinarimonas ramus</i>  | 1            |           |        |
| <i>Salinarimonas rosea</i>  | 1            |           |        |
| <b>Salinibacillus</b>   |              |           |        |
| <i>Salinibacillus aidingensis</i>                                 | 1            |           |        |
| <i>Salinibacillus kushneri</i>                                    | 1            |           |        |
| <i>Salinibacillus xinjiangensis</i>                               | 1            |           |        |
| <b>Salinibacter</b>   |              |           |        |
| <i>Salinibacter iranicus</i> → <i>Salinivenus iranica</i>         |              |           | Umb.   |
| <i>Salinibacter luteus</i> → <i>Salinivenus lutea</i>             |              |           | Umb.   |
| <i>Salinibacter ruber</i>   | 1            |           |        |
| <b>Salinibacterium</b>  |              |           |        |
| <i>Salinibacterium amurskyense</i>                                | 1            |           |        |
| <i>Salinibacterium xinjiangense</i>                               | 1            |           |        |
| <b>Salinicoccus</b>   |              |           |        |
| <i>Salinicoccus albus</i>   | 1            |           |        |
| <i>Salinicoccus alkaliphilus</i>                                  | 1            |           |        |
| <i>Salinicoccus amylolyticus</i>                                  | 1            |           | neu    |
| <i>Salinicoccus carnicancri</i>                                   | 1            |           |        |
| <i>Salinicoccus halitificiens</i>                                 | 1            |           |        |
| <i>Salinicoccus halodurans</i>                                    | 1            |           |        |
| <i>Salinicoccus hispanicus</i> ( <i>Marinococcus hispanicus</i> ) | 1            |           |        |
| <i>Salinicoccus iranensis</i>                                     | 1            |           |        |
| <i>Salinicoccus jeotgali</i>                                      | 1            |           |        |
| <i>Salinicoccus kunmingensis</i>                                  | 1            |           |        |
| <i>Salinicoccus luteus</i>  | 1            |           |        |
| <i>Salinicoccus qingdaonensis</i>                                 | 1            |           |        |
| <i>Salinicoccus roseus</i>  | 1            |           |        |
| <i>Salinicoccus salsiraiiae</i>                                   | 1            |           |        |
| <i>Salinicoccus sediminis</i>                                     | 1            |           | neu    |
| <i>Salinicoccus sesuvii</i>                                       | 1            |           |        |
| <i>Salinicoccus siamensis</i>                                     | 1            |           |        |
| <b>Salinicola</b>   |              |           |        |
| <i>Salinicola acroporae</i>                                       | 1            |           | neu    |
| <i>Salinicola halophilus</i> ( <i>Chromohalobacter salarius</i> ) | 1            |           |        |
| <i>Salinicola peritrichatus</i>                                   | 1            |           |        |
| <i>Salinicola rhizosphaerae</i>                                   | 1            |           | neu    |
| <i>Salinicola salarius</i> ( <i>Halomonas salaria</i> )           | 1            |           |        |
| <i>Salinicola socius</i>  | 1            |           |        |

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| <i>Salinicola tamaricis</i>   | 1            |           | neu       |
| <b>Salinifilum</b>  |              |           |           |
| <i>Salinifilum aidingensis</i> ( <i>Saccharopolyspora aidingensis</i> )   | 1            |           | neu, Umb. |
| <i>Salinifilum ghardaiensis</i> ( <i>Saccharopolyspora ghardaiensis</i> ) | 1            |           | neu, Umb. |
| <i>Salinifilum proteinityticum</i>  | 1            |           | neu       |
| <b>Salinigranum</b>   |              |           |           |
| <i>Salinigranum rubrum</i>  | 1            |           |           |
| <i>Salinigranum salinum</i>   | 1            |           | neu       |
| <b>Salinihabitans</b>   |              |           |           |
| <i>Salinihabitans flavidus</i>  | 1            |           |           |
| <b>Salinimicrobium</b>  |              |           |           |
| <i>Salinimicrobium catena</i> ( <i>Salegentibacter catena</i> )           | 1            |           |           |
| <i>Salinimicrobium flavum</i>   | 1            |           | neu       |
| <i>Salinimicrobium gaetbulicola</i>                                       | 1            |           |           |
| <i>Salinimicrobium marinum</i>  | 1            |           |           |
| <i>Salinimicrobium sediminis</i>  | 1            |           |           |
| <i>Salinimicrobium soli</i>   | 1            |           | neu       |
| <i>Salinimicrobium terrae</i>   | 1            |           |           |
| <i>Salinimicrobium xinjiangense</i>                                       | 1            |           |           |
| <b>Salinimonas</b>  |              |           |           |
| <i>Salinimonas chungwhensis</i>   | 1            |           |           |
| <i>Salinimonas lutimaris</i>  | 1            |           |           |
| <b>Salininema</b>   |              |           |           |
| <i>Salininema proteolyticum</i>   | 1            |           | neu       |
| <b>Salinirepens</b>   |              |           |           |
| <i>Salinirepens amamiensis</i>  | 1            |           |           |
| <b>Salinirubrum</b>   |              |           |           |
| <i>Salinirubrum litoreum</i>  | 1            |           |           |
| <b>Salinirussus</b>   |              |           |           |
| <i>Salinirussus salinus</i>   | 1            |           | neu       |
| <b>Salinisphaera</b>  |              |           |           |
| <i>Salinisphaera dokdonensis</i>  | 1            |           |           |
| <i>Salinisphaera halophila</i>  | 1            |           |           |
| <i>Salinisphaera hydrothermalis</i>                                       | 1            |           |           |
| <i>Salinisphaera japonica</i>   | 1            |           |           |
| <i>Salinisphaera orenii</i>   | 1            |           |           |
| <i>Salinisphaera shabanensis</i>  | 1            |           |           |
| <b>Salinispira</b>  |              |           |           |
| <i>Salinispira pacifica</i>   | 1            |           | neu       |
| <b>Salinispirillum</b>  |              |           |           |
| <i>Salinispirillum marinum</i>  | 1            |           | neu       |
| <b>Salinispora</b>  |              |           |           |
| <i>Salinispora arenicola</i>  | 1            |           |           |
| <i>Salinispora pacifica</i>   | 1            |           | neu       |
| <i>Salinispora tropica</i>  | 1            |           |           |

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| <b>Salinithrix</b>   |              |           |           |
| Salinithrix halophila  | 1            |           | neu       |
| <b>Salinivenus</b>   |              |           |           |
| Salinivenus iranica (Salinibacter iranicus)                              | 1            |           | Umb.      |
| Salinivenus lutea (Salinibacter luteus)                                  | 1            |           | Umb.      |
| <b>Salinivibrio</b>  |              |           |           |
| Salinivibrio costicola subsp. alcaliphilus                               | 1            |           |           |
| Salinivibrio costicola subsp. costicola (Vibrio costicola)               | 1            |           |           |
| Salinivibrio costicola subsp. vallismortis                               | 1            |           |           |
| Salinivibrio proteolyticus   | 1            |           |           |
| Salinivibrio sharmensis  | 1            |           |           |
| Salinivibrio siamensis   | 1            |           |           |
| <b>Salinivirga</b>   |              |           |           |
| Salinivirga cyanobacteriivorans  | 1            |           | neu       |
| <b>Salinovum</b>   |              |           |           |
| Salinovum rubellum   | 1            |           | neu       |
| <b>Salipaludibacillus</b>  |              |           |           |
| Salipaludibacillus agaradhaerens (Bacillus agaradhaerens)                | 1            |           | Umb.      |
| Salipaludibacillus aurantiacus   | 1            |           | neu       |
| Salipaludibacillus neizhouensis (Bacillus neizhouensis)                  | 1            |           | Umb.      |
| <b>Saliphagus</b>  |              |           |           |
| Saliphagus infecundisoli   | 1            |           | neu       |
| <b>Salipiger</b>   |              |           |           |
| Salipiger mucosus  | 1            |           |           |
| Salipiger nanhaiensis – synonym: Thiobacimonas profunda                  |              |           | neu, Umb. |
| <b>Salirhabdus</b>   |              |           |           |
| Salirhabdus euzebyi  | 1            |           |           |
| Salirhabdus salicampi  | 1            |           | neu       |
| <b>Salisaeta</b>   |              |           |           |
| Salisaeta longa  | 1            |           |           |
| <b>Salisediminibacterium</b>   |              |           |           |
| Salisediminibacterium haloalkalitolerans                                 | 1            |           | neu       |
| Salisediminibacterium halotolerans                                       | 1            |           |           |
| Salisediminibacterium locisalis (Bacillus locisalis)                     | 1            |           | Umb.      |
| <b>Saliterribacillus</b>   |              |           |           |
| Saliterribacillus persicus   | 1            |           |           |
| <b>Salmonella</b> <sup>16</sup>  |              |           |           |
| Salmonella arizonae → Salmonella enterica (choleraesuis) subsp. arizonae |              |           |           |
| Salmonella bongori (Salmonella enterica subsp. bongori)                  | 2            | Z         |           |

<sup>16</sup> Nomenklatur nach: Popoff, M.Y., LeMinor, L., pp. 764-799 in: Bergey's Manual of Systematic Bacteriology, 2nd edition, Vol. 2 Part B, G.M. Garrity (chief editor), D.J. Brenner, N.R. Krieg & J.T. Stanley (eds.), Springer-Verlag, New York, USA, 2005.



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| Spezies  | Risikogruppe | Bemerkung       | Status |
|--|--------------|-----------------|--------|
| <i>Salmonella enterica</i> (choleraesuis) subsp. arizonae ( <i>Salmonella arizonae</i> )   | 2            | Z               |        |
| <i>Salmonella enterica</i> (choleraesuis) subsp. bongori → <i>Salmonella bongori</i>   |              |                 |        |
| <i>Salmonella enterica</i> (choleraesuis) subsp. diarizonae  | 2            | Z               |        |
| <i>Salmonella enterica</i> (choleraesuis) subsp. enterica<br>Alle Serovarietäten der Subspezies enterica, z. B. <i>Salmonella Paratyphi</i> A, B, C, <i>Salmonella</i> Enteritidis, <i>Salmonella</i> Typhimurium, sind in Risikogruppe 2 eingestuft, außer <i>Salmonella</i> Typhi. | 2            | Z <sup>17</sup> |        |
| <i>Salmonella enterica</i> (choleraesuis) subsp. houtenae  | 2            | Z               |        |
| <i>Salmonella enterica</i> (choleraesuis) subsp. indica  | 2            | Z               |        |
| <i>Salmonella enterica</i> (choleraesuis) subsp. salamae   | 2            | Z               |        |
| <i>Salmonella Paratyphi</i> A, B, C  | 2            | V               | Bem.   |
| <i>Salmonella subterranea</i>  | 1            |                 |        |
| <b><i>Salmonella Typhi</i></b>   | <b>3(**)</b> | <b>V</b>        |        |
| <b>Salsuginibacillus</b>   |              |                 |        |
| <i>Salsuginibacillus halophilus</i>  | 1            |                 |        |
| <i>Salsuginibacillus kocurii</i>   | 1            |                 |        |
| <b>Salsuginimonas</b>  |              |                 |        |
| <i>Salsuginimonas clara</i>  | 1            |                 | neu    |
| <b>Samsonia</b>  |              |                 |        |
| <i>Samsonia erythrinae</i>   | 1            | p               |        |
| <b>Sandaracinobacter</b>   |              |                 |        |
| <i>Sandaracinobacter sibiricus</i>   | 1            |                 |        |
| <b>Sandaracinus</b>  |              |                 |        |
| <i>Sandaracinus amylolyticus</i>   | 1            |                 |        |
| <b>Sandarakinorhabdus</b>  |              |                 |        |
| <i>Sandarakinorhabdus limnophila</i>   | 1            |                 |        |
| <b>Sandarakinotalea → Nonlabens</b>  |              |                 |        |
| <i>Sandarakinotalea sediminis</i> → <i>Nonlabens sediminis</i>   |              |                 |        |
| <b>Sanguibacter</b>  |              |                 |        |
| <i>Sanguibacter antarcticus</i>  | 1            |                 |        |
| <i>Sanguibacter gelidistatuariae</i>   | 1            |                 | neu    |
| <i>Sanguibacter inulinus</i>   | 1            | t+              |        |
| <i>Sanguibacter keddieii</i>   | 1            | t+              |        |
| <i>Sanguibacter marinus</i>  | 1            |                 |        |
| <i>Sanguibacter soli</i>   | 1            |                 | neu    |
| <i>Sanguibacter suarezii</i>   | 1            | t+              |        |
| <b>Saonia</b>  |              |                 |        |
| <i>Saonia flava</i>  | 1            |                 | neu    |
| <b>Saprospira</b>  |              |                 |        |
| <i>Saprospira grandis</i>  | 1            |                 |        |

<sup>17</sup> Außer *Salmonella Typhi* und *Salmonella Paratyphi* A, B, C.

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|---|--------------|-----------|-------------|
| <b>Sarcina</b>  |              |           |             |
| Sarcina maxima (illegitimate name: Clostridium maximum)         | 1            |           | Korr.       |
| Sarcina ventriculi (illegitimate name: Clostridium ventriculi)  | 1            | ht+       | Korr., Bem. |
| <b>Sarcobium → Legionella</b>                                   |              |           |             |
| Sarcobium lyticum → Legionella lytica                           |              |           |             |
| <b>Savagea</b>  |              |           |             |
| Savagea faecisuis   | 1            |           | neu         |
| <b>Saxeibacter → Nakamurella</b>                                |              |           |             |
| Saxeibacter lacteus → Nakamurella lactea                        |              |           |             |
| <b>Scardovia</b>  |              |           |             |
| Scardovia inopinata (Bifidobacterium inopinatum)                | 1            | +         |             |
| Scardovia wiggisiae   | 1            | +         |             |
| <b>Schineria → Ignatzschineria</b>                              |              |           |             |
| Schineria larvae → Ignatzschineria larvae                       |              |           |             |
| <b>Schlegelella</b>   |              |           |             |
| Schlegelella aquatica   | 1            |           |             |
| Schlegelella thermodepolymerans                                 | 1            |           |             |
| <b>Schleiferia</b>  |              |           |             |
| Schleiferia thermophila   | 1            |           |             |
| <b>Schlesneria</b>  |              |           |             |
| Schlesneria paludicola  | 1            |           |             |
| <b>Schumannella</b>   |              |           |             |
| Schumannella luteola  | 1            |           |             |
| <b>Schwartzia</b>   |              |           |             |
| Schwartzia succinivorans  | 1            |           |             |
| <b>Sciscionella</b>   |              |           |             |
| Sciscionella marina   | 1            |           |             |
| <b>Scopulibacillus</b>  |              |           |             |
| Scopulibacillus daqui   | 1            |           | neu         |
| Scopulibacillus darangshiensis                                  | 1            |           | neu         |
| <b>Sebaldella</b>   |              |           |             |
| Sebaldella termitidis (Bacteroides termitidis)                  | 1            |           |             |
| <b>Sedimentibacter</b>  |              |           |             |
| Sedimentibacter acidaminivorans                                 | 1            |           | neu         |
| Sedimentibacter hongkongensis                                   | 1            | +         | neu         |
| Sedimentibacter hydroxybenzoicus (Clostridium hydroxybenzoicum) | 1            |           |             |
| Sedimentibacter saalensis                                       | 1            |           |             |
| <b>Sedimenticola</b>  |              |           |             |
| Sedimenticola selenatireducens                                  | 1            |           |             |
| Sedimenticola thiotaurini                                       | 1            |           | neu         |
| <b>Sedimentitalea</b>   |              |           |             |
| Sedimentitalea nanheiensis (Leisingera nanheiensis)             | 1            |           | Umb.        |
| Sedimentitalea todarodis  | 1            |           | neu         |
| <b>Sediminibacillus</b>   |              |           |             |

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|--|--------------|-----------|--------|
| <i>Sediminibacillus albus</i>  | 1            |           |        |
| <i>Sediminibacillus halophilus</i>   | 1            |           |        |
| <b>Sediminibacter</b>  |              |           |        |
| <i>Sediminibacter furfurosus</i>   | 1            |           |        |
| <b>Sediminibacterium</b>   |              |           |        |
| <i>Sediminibacterium aquarii</i>   | 1            |           | neu    |
| <i>Sediminibacterium ginsengisoli</i>  | 1            |           |        |
| <i>Sediminibacterium goheungense</i>   | 1            |           |        |
| <i>Sediminibacterium roseum</i>  | 1            |           | neu    |
| <i>Sediminibacterium salmoneum</i>   | 1            |           |        |
| <b>Sediminicola</b>  |              |           |        |
| <i>Sediminicola arcticus</i>   | 1            |           | neu    |
| <i>Sediminicola luteus</i>   | 1            |           |        |
| <b>Sediminihabitans</b>  |              |           |        |
| <i>Sediminihabitans luteus</i>   | 1            |           |        |
| <b>Sediminimonas</b>   |              |           |        |
| <i>Sediminimonas qiaohouensis</i>  | 1            |           |        |
| <b>Sediminispirochaeta</b>   |              |           |        |
| <i>Sediminispirochaeta bajacaliforniensis</i> (Spirochaeta bajacaliforniensis) | 1            |           | Umb.   |
| <i>Sediminispirochaeta sinaica</i> (Spirochaeta sinaica)                       | 1            |           | Umb.   |
| <i>Sediminispirochaeta smaragdinae</i> (Spirochaeta smaragdinae)               | 1            |           | Umb.   |
| <b>Sedimitomix</b>   |              |           |        |
| <i>Sedimitomix flava</i>   | 1            |           |        |
| <b>Sediminivirga</b>   |              |           |        |
| <i>Sediminivirga luteola</i>   | 1            |           | neu    |
| <b>Segetibacter</b>  |              |           |        |
| <i>Segetibacter aerophilus</i>   | 1            |           |        |
| <i>Segetibacter koreensis</i>  | 1            |           |        |
| <b>Segniliparus</b>  |              |           |        |
| <i>Segniliparus rotundus</i>   | 1            | +         |        |
| <i>Segniliparus rugosus</i>  | 1            | +         |        |
| <b>Seinonella</b>  |              |           |        |
| <i>Seinonella peptonophila</i> (Thermoactinomyces peptonophilus)               | 1            |           |        |
| <b>Sejongia → Chryseobacterium</b>   |              |           |        |
| <i>Sejongia antarctica</i> → <i>Chryseobacterium antarcticum</i>               |              |           |        |
| <i>Sejongia jeonii</i> → <i>Chryseobacterium jeonii</i>                        |              |           |        |
| <i>Sejongia marina</i> → <i>Chryseobacterium marinum</i>                       |              |           |        |
| <b>Selenihalanaerobacter</b>   |              |           |        |
| <i>Selenihalanaerobacter shriftii</i>  | 1            |           |        |
| <b>Seleniivibrio</b>   |              |           |        |
| <i>Seleniivibrio woodruffii</i>  | 1            |           |        |
| <b>Selenomonas</b>   |              |           |        |
| <i>Selenomonas acidaminovorans</i> → <i>Thermanaerovibrio acidaminovorans</i>  |              |           |        |

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|---|--------------|-----------|--------|
| <i>Selenomonas artemidis</i>  | 2            |           |        |
| <i>Selenomonas bovis</i>  | 1            |           |        |
| <i>Selenomonas diana</i>  | 2            |           |        |
| <i>Selenomonas flueggei</i>   | 2            |           |        |
| <i>Selenomonas infelix</i>  | 2            |           |        |
| <i>Selenomonas lactificex</i>                                       | 1            |           |        |
| <i>Selenomonas lipolytica</i>                                       | 1            |           |        |
| <i>Selenomonas noxia</i>  | 2            |           |        |
| <i>Selenomonas ruminantium</i> subsp. <i>lactilytica</i>            | 1            |           |        |
| <i>Selenomonas ruminantium</i> subsp. <i>ruminantium</i>            | 1            |           |        |
| <i>Selenomonas sputigena</i>  | 1            | +         |        |
| <b>Seliberia</b>  |              |           |        |
| <i>Seliberia stellata</i>   | 1            |           |        |
| <b>Sellimonas</b>   |              |           |        |
| <i>Sellimonas intestinalis</i>                                      | 1            |           | neu    |
| <b>Seminibacterium</b>  |              |           |        |
| <i>Seminibacterium arietis</i>                                      | 1            |           | neu    |
| <b>Senegalimassilia</b>   |              |           |        |
| <i>Senegalimassilia anaerobia</i>                                   | 1            |           |        |
| <b>Seohaecicola</b>   |              |           |        |
| <i>Seohaecicola nanhaiensis</i>                                     | 1            |           | neu    |
| <i>Seohaecicola saemankumensis</i>                                  | 1            |           |        |
| <i>Seohaecicola zhoushanensis</i>                                   | 1            |           | neu    |
| <b>Seonamhaecicola</b>  |              |           |        |
| <i>Seonamhaecicola algicola</i>                                     | 1            |           | neu    |
| <i>Seonamhaecicola aphaedonensis</i>                                | 1            |           |        |
| <i>Seonamhaecicola marinus</i>                                      | 1            |           | neu    |
| <b>Serinibacter</b>   |              |           |        |
| <i>Serinibacter salmoneus</i>                                       | 1            |           |        |
| <i>Serinibacter tropicus</i>  | 1            |           | neu    |
| <b>Serinicoccus</b>   |              |           |        |
| <i>Serinicoccus chungangensis</i>                                   | 1            |           |        |
| <i>Serinicoccus marinus</i>   | 1            |           |        |
| <i>Serinicoccus profundus</i>                                       | 1            |           |        |
| <b>Serpens</b>  |              |           |        |
| <i>Serpens flexibilis</i> → <i>Pseudomonas flexibilis</i>           |              |           | Umb.   |
| <b>Serpentinicella</b>  |              |           |        |
| <i>Serpentinicella alkaliphila</i>                                  | 1            |           | neu    |
| <b>Serpula</b> → <b>Brachyspira</b>                                 |              |           |        |
| <i>Serpula hyodysenteriae</i> → <i>Brachyspira hyodysenteriae</i>   |              |           |        |
| <i>Serpula innocens</i> → <i>Brachyspira innocens</i>               |              |           |        |
| <b>Serpulina</b> → <b>Brachyspira</b>                               |              |           |        |
| <i>Serpulina hyodysenteriae</i> → <i>Brachyspira hyodysenteriae</i> |              |           |        |
| <i>Serpulina innocens</i> → <i>Brachyspira innocens</i>             |              |           |        |
| <i>Serpulina intermedia</i> → <i>Brachyspira intermedia</i>         |              |           |        |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| Serpulina murdochii → Brachyspira murdochii                             |              |           |        |
| Serpulina pilosicoli → Brachyspira pilosicoli                           |              |           |        |
| <b>Serratia</b>   |              |           |        |
| Serratia aquatilis  | 1            |           | neu    |
| Serratia entomophila  | 1            | n         |        |
| Serratia ficaria  | 1            |           |        |
| Serratia fonticola  | 1            | ht+       | Bem.   |
| Serratia glossinae – synonym: Serratia fonticola                        |              |           | Umb.   |
| Serratia grimesii   | 2            |           |        |
| Serratia liquefaciens – synonym: Serratia proteamaculans                |              |           |        |
| Serratia marcescens subsp. marcescens                                   | 2            | ht        |        |
| Serratia marcescens subsp. sakuensis                                    | 2            |           |        |
| Serratia marinorubra – synonym: Serratia rubidaea                       |              |           |        |
| Serratia nematodiphila  | 1            | n         |        |
| Serratia odorifera  | 1            | +         |        |
| Serratia oryzae   | 1            |           | neu    |
| Serratia plymuthica   | 1            | +         |        |
| Serratia proteamaculans (Serratia proteamaculans subsp. proteamaculans) | 2            | n         |        |
| Serratia proteamaculans subsp. proteamaculans → Serratia proteamaculans |              |           |        |
| Serratia proteamaculans subsp. quinovora → Serratia quinivorans         |              |           |        |
| Serratia quinivorans (Serratia proteamaculans subsp. quinovora)         | 1            | +         |        |
| Serratia rubidaea   | 2            | n         |        |
| Serratia symbiotica   | 1            |           |        |
| Serratia ureilytica   | 1            |           |        |
| <b>Sharpea</b>  |              |           |        |
| Sharpea azabuensis  | 1            |           |        |
| <b>Shewanella</b>   |              |           |        |
| Shewanella abyssii  | 1            |           |        |
| Shewanella aestuarii  | 1            |           |        |
| Shewanella affinis – synonym: Shewanella colwelliana                    |              |           |        |
| Shewanella algae  | 2            |           |        |
| Shewanella algicola   | 1            |           | neu    |
| Shewanella algidipiscicola  | 1            |           |        |
| Shewanella amazonensis  | 1            |           |        |
| Shewanella aquimarina   | 1            |           |        |
| Shewanella arctica  | 1            |           |        |
| Shewanella atlantica  | 1            |           |        |
| Shewanella baltica  | 1            |           |        |
| Shewanella basaltis   | 1            |           |        |
| Shewanella benthica   | 1            |           |        |
| Shewanella canadensis   | 1            |           |        |
| Shewanella carassii   | 1            | +         | neu    |

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|--|--------------|-----------|--------|
| Shewanella chilikensis                             | 1            |           |        |
| Shewanella colwelliana (Alteromonas colwelliana)   | 1            |           |        |
| Shewanella corallii                                | 1            |           |        |
| Shewanella decolorationis                          | 1            |           |        |
| Shewanella denitrificans                           | 1            |           |        |
| Shewanella dokdonensis                             | 1            |           |        |
| Shewanella donghaensis                             | 1            |           |        |
| Shewanella electrodiphila                          | 1            |           | neu    |
| Shewanella fidelis                                 | 1            |           |        |
| Shewanella fodinae                                 | 1            |           |        |
| Shewanella frigidimarina                           | 1            |           |        |
| Shewanella gaetbuli                                | 1            |           |        |
| Shewanella gelidii                                 | 1            |           | neu    |
| Shewanella gelidimarina                            | 1            |           |        |
| Shewanella glacialipiscicola                       | 1            |           |        |
| Shewanella hafniensis                              | 1            |           |        |
| Shewanella halifaxensis                            | 1            |           |        |
| Shewanella haliotis                                | 1            | +         |        |
| Shewanella hanedai (Alteromonas hanedai)           | 1            |           |        |
| Shewanella indica                                  | 1            |           |        |
| Shewanella intestini                               | 1            |           | neu    |
| Shewanella inventionis                             | 1            |           | neu    |
| Shewanella irciniae                                | 1            |           |        |
| Shewanella japonica                                | 1            |           |        |
| Shewanella kaireitica                              | 1            |           |        |
| Shewanella litorisediminis                         | 1            |           |        |
| Shewanella livingstonensis                         | 1            |           |        |
| Shewanella loihica                                 | 1            |           |        |
| Shewanella mangrovi                                | 1            |           | neu    |
| Shewanella marina                                  | 1            |           |        |
| Shewanella marinintestina                          | 1            |           |        |
| Shewanella marisflavi                              | 1            |           |        |
| Shewanella morhuae                                 | 1            |           |        |
| Shewanella olleyana                                | 1            |           |        |
| Shewanella oneidensis                              | 1            |           |        |
| Shewanella pacifica                                | 1            |           |        |
| Shewanella pealeana                                | 1            |           |        |
| Shewanella piezotolerans                           | 1            |           |        |
| Shewanella pneumatophori                           | 1            |           |        |
| Shewanella profunda                                | 1            |           |        |
| Shewanella psychrophila                            | 1            |           |        |
| Shewanella putrefaciens (Alteromonas putrefaciens) | 2            | ht        |        |
| Shewanella sairae                                  | 1            |           |        |
| Shewanella schlegeliana                            | 1            |           |        |
| Shewanella sediminis                               | 1            |           |        |

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|---|--------------|-----------|--------------|
| <i>Shewanella seohaensis</i>  | 1            |           |              |
| <i>Shewanella spongiae</i>  | 1            |           |              |
| <i>Shewanella surugensis</i>  | 1            |           |              |
| <i>Shewanella upenei</i>  | 1            | +         | neu          |
| <i>Shewanella vesiculosa</i>  | 1            |           |              |
| <i>Shewanella violacea</i>  | 1            |           |              |
| <i>Shewanella waksmanii</i>   | 1            |           |              |
| <i>Shewanella woodyi</i>  | 1            |           |              |
| <i>Shewanella xiamenensis</i>   | 1            | +         |              |
| <b>Shigella</b>   |              |           |              |
| <i>Shigella boydii</i>  | 2            |           |              |
| <i>Shigella dysenteriae</i> (außer Typ I = Serovar 1)   | 2            |           |              |
| <i>Shigella dysenteriae</i> (Typ I = Serovar 1)   | 3(**)        | T         |              |
| <i>Shigella flexneri</i>  | 2            | ht        |              |
| <i>Shigella sonnei</i>  | 2            | ht        |              |
| <b>Shimazuella</b>  |              |           |              |
| <i>Shimazuella kribbensis</i>   | 1            |           |              |
| <b>Shimia</b>   |              |           |              |
| <i>Shimia biformata</i>   | 1            |           |              |
| <i>Shimia haliotis</i>  | 1            |           |              |
| <i>Shimia isopora</i>   | 1            |           |              |
| <i>Shimia marina</i>  | 1            |           |              |
| <i>Shimia sagamensis</i>  | 1            |           | neu          |
| <b>Shimwellia</b>   |              |           |              |
| <i>Shimwellia blattae</i> ( <i>Escherichia blattae</i> )  | 1            |           |              |
| <i>Shimwellia pseudoproteus</i>   | 1            |           |              |
| <b>Shinella</b>   |              |           |              |
| <i>Shinella curvata</i>   | 1            |           | neu          |
| <i>Shinella daejeonensis</i>  | 1            |           |              |
| <i>Shinella fusca</i>   | 1            |           |              |
| <i>Shinella granuli</i>   | 1            |           |              |
| <i>Shinella kummerowiae</i>   | 1            |           |              |
| <i>Shinella yambaruensis</i>  | 1            |           |              |
| <i>Shinella zoogloeoides</i>  | 1            |           |              |
| <b>Shivajiella</b>  |              |           |              |
| <i>Shivajiella indica</i>   | 1            |           |              |
| <b>Shuttleworthia</b>   |              |           |              |
| <i>Shuttleworthia satelles</i>  | 2            |           |              |
| <b>Siansivirga</b>  |              |           |              |
| <i>Siansivirga jejuensis</i>  | 1            |           | neu          |
| <i>Siansivirga zeaxanthinifaciens</i>   | 1            |           |              |
| <b>Siccibacter</b>  |              |           |              |
| <i>Siccibacter colletis</i>   | 1            |           | neu          |
| <i>Siccibacter turicensis</i> ( <i>Cronobacter zurichensis</i> , <i>Enterobacter turicensis</i> ) | 1            |           | Einst., Umb. |
| <b>Siccirubricoccus</b>   |              |           |              |
| <i>Siccirubricoccus deserti</i>   | 1            |           | neu          |

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|---|--------------|-----------|--------|
| <b>Silanimonas</b>  |              |           |        |
| Silanimonas algicola                                      | 1            |           | neu    |
| Silanimonas lenta   | 1            |           |        |
| Silanimonas mangrovi                                      | 1            |           |        |
| <b>Silicibacter → Ruegeria</b>                            |              |           |        |
| Silicibacter lacuscaerulensis → Ruegeria lacuscaerulensis |              |           |        |
| Silicibacter pomeroyi → Ruegeria pomeroyi                 |              |           |        |
| <b>Silicimonas</b>  |              |           |        |
| Silicimonas algicola                                      | 1            |           | neu    |
| <b>Silvanigrella</b>                                      |              |           |        |
| Silvanigrella aquatica                                    | 1            |           | neu    |
| <b>Silvibacterium</b>                                     |              |           |        |
| Silvibacterium bohemicum                                  | 1            |           | neu    |
| <b>Silvimonas</b>   |              |           |        |
| Silvimonas amylolytica                                    | 1            |           |        |
| Silvimonas iriomotensis                                   | 1            |           |        |
| Silvimonas terrae   | 1            |           |        |
| <b>Simidua</b>  |              |           |        |
| Simidua aestuariiviva                                     | 1            |           | neu    |
| Simidua agarivorans                                       | 1            |           |        |
| Simidua areninigrae                                       | 1            |           |        |
| Simidua curdlanivorans                                    | 1            |           | neu    |
| Simidua litorea   | 1            |           | neu    |
| <b>Simkania</b>   |              |           |        |
| Simkania negevensis                                       | 2            |           |        |
| <b>Simonsiella</b>  |              |           |        |
| Simonsiella crassa → Alysiella crassa                     |              |           |        |
| Simonsiella muelleri                                      | 1            |           |        |
| Simonsiella steedae → Conchiformibius steedae             |              |           |        |
| <b>Simplicispira</b>                                      |              |           |        |
| Simplicispira limi  | 1            |           |        |
| Simplicispira metamorpha (Aquaspirillum metamorphum)      | 1            |           |        |
| Simplicispira piscis                                      | 1            |           | neu    |
| Simplicispira psychrophila (Aquaspirillum psychrophilum)  | 1            |           |        |
| <b>Singularimonas → Solimonas</b>                         |              |           |        |
| Singularimonas variicoloris → Solimonas variicoloris      |              |           |        |
| <b>Singulisphaera</b>                                     |              |           |        |
| Singulisphaera acidiphila                                 | 1            |           |        |
| Singulisphaera rosea                                      | 1            |           |        |
| <b>Sinibacillus</b>                                       |              |           |        |
| Sinibacillus soli   | 1            |           |        |
| <b>Sinimarimbacterium</b>                                 |              |           |        |
| Sinimarimbacterium flocculans                             | 1            |           | neu    |
| <b>Sinobaca</b>   |              |           |        |



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|---|--------------|-----------|--------|
| Sinobaca qinghaiensis (Sinococcus qinghaiensis)                         | 1            |           |        |
| <b>Sinobacter → Solimonas</b>   |              |           |        |
| Sinobacter flavus → Solimonas flava                                     |              |           |        |
| <b>Sinobacterium</b>  |              |           |        |
| Sinobacterium caligoides  | 1            |           |        |
| Sinobacterium norvegicum  | 1            |           | neu    |
| <b>Sinococcus → Sinobaca</b>  |              |           |        |
| Sinococcus qinghaiensis → Sinobaca qinghaiensis                         |              |           |        |
| <b>Sinomicrobium</b>  |              |           |        |
| Sinomicrobium oceani  | 1            |           |        |
| Sinomicrobium pectinilyticum  | 1            |           | neu    |
| <b>Sinomonas</b>  |              |           |        |
| Sinomonas atrocyanea (Arthrobacter atrocyaneus)                         | 1            |           |        |
| Sinomonas flava   | 1            |           |        |
| Sinomonas halotolerans  | 1            |           | neu    |
| Sinomonas humi  | 1            |           | neu    |
| Sinomonas mesophila   | 1            |           | neu    |
| Sinomonas notoginsengisoli  | 1            |           | neu    |
| Sinomonas soli  | 1            |           |        |
| Sinomonas susongensis   | 1            |           | neu    |
| <b>Sinorhizobium</b>  |              |           |        |
| Sinorhizobium americanum → Ensifer americanus                           |              |           | Umb.   |
| Sinorhizobium arboris → Ensifer arboris                                 |              |           |        |
| Sinorhizobium fredii (Rhizobium fredii) → Ensifer fredii                |              |           |        |
| Sinorhizobium kostiense → Ensifer kostiensis                            |              |           |        |
| Sinorhizobium kummerowiae → Ensifer kummerowiae                         |              |           |        |
| Sinorhizobium medicae → Ensifer medicae                                 |              |           |        |
| Sinorhizobium meliloti (Rhizobium meliloti) → Ensifer meliloti          |              |           |        |
| Sinorhizobium morelense → Ensifer morelensis                            |              |           | Umb.   |
| Sinorhizobium saheli → Ensifer saheli                                   |              |           |        |
| Sinorhizobium terangae → Ensifer terangae                               |              |           |        |
| Sinorhizobium xinjiangense → Ensifer xinjiangensis                      |              |           |        |
| <b>Sinosporangium</b>   |              |           |        |
| Sinosporangium album  | 1            |           |        |
| Sinosporangium fuscum   | 1            |           | neu    |
| Sinosporangium siamense   | 1            |           | neu    |
| <b>Siphonobacter</b>  |              |           |        |
| Siphonobacter aquaeclarae   | 1            |           |        |
| <b>Skermanella</b>  |              |           |        |
| Skermanella aerolata  | 1            |           |        |
| Skermanella parooensis (Conglomeromonas largomobilis subsp. parooensis) | 1            |           |        |

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|--|--------------|-----------|--------|
| Skermanella rosea  | 1            |           | neu    |
| Skermanella stibiirens   | 1            |           |        |
| Skermanella xinjiangensis  | 1            |           |        |
| <b>Skermania</b>   |              |           |        |
| Skermania piniformis (Nocardia pinensis)   | 1            |           |        |
| <b>Slackia</b>   |              |           |        |
| Slackia equolifaciens  | 1            |           |        |
| Slackia exigua (Eubacterium exiguum)   | 2            |           |        |
| Slackia faecicanis   | 1            |           |        |
| Slackia heliotrinireducens (Peptococcus heliotrinireducens, Peptostreptococcus heliotrinireducens) | 1            | +         |        |
| Slackia isoflavoniconvertens   | 1            |           |        |
| Slackia piriformis   | 1            |           |        |
| <b>Smaragdicoccus</b>  |              |           |        |
| Smaragdicoccus niigatensis   | 1            |           |        |
| <b>Smithella</b>   |              |           |        |
| Smithella propionica   | 1            |           |        |
| <b>Sneathia</b>  |              |           |        |
| Sneathia sanguinegens  | 1            | +         |        |
| <b>Sneathiella</b>   |              |           |        |
| Sneathiella chinensis  | 1            |           |        |
| Sneathiella chungangensis  | 1            |           |        |
| Sneathiella glossodoripedis  | 1            |           |        |
| <b>Snodgrassella</b>   |              |           |        |
| Snodgrassella alvi   | 1            |           |        |
| <b>Snuella</b>   |              |           |        |
| Snuella lapsa  | 1            |           |        |
| <b>Sodalis</b>   |              |           |        |
| Sodalis glossinidius   | 1            |           |        |
| Sodalis praecaptivus   | 1            | +         | neu    |
| <b>Soehngenia</b>  |              |           |        |
| Soehngenia saccharolytica  | 1            |           |        |
| <b>Solibacillus</b>  |              |           |        |
| Solibacillus isronensis (Bacillus isronensis)  | 1            |           | Umb.   |
| Solibacillus kalamii   | 1            |           | neu    |
| Solibacillus silvestris (Bacillus silvestris)  | 1            |           |        |
| <b>Solimonas</b>   |              |           |        |
| Solimonas aquatica   | 1            |           |        |
| Solimonas flava (Sinobacter flavus)  | 1            |           |        |
| Solimonas soli   | 1            |           |        |
| Solimonas terrae   | 1            |           |        |
| Solimonas variicoloris (Singularimonas variicoloris)   | 1            |           |        |
| <b>Solirubrobacter</b>   |              |           |        |
| Solirubrobacter ginsenosidimutans  | 1            |           |        |
| Solirubrobacter pauli  | 1            |           |        |
| Solirubrobacter phytolaccae  | 1            |           |        |

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|---|--------------|-----------|-----------|
| <i>Solirubrobacter soli</i>   | 1            |           |           |
| <i>Solirubrobacter taibaiensis</i>  | 1            |           | neu       |
| <b>Solitalea</b>  |              |           |           |
| <i>Solitalea canadensis</i> ( <i>Flexibacter canadensis</i> )                 | 1            |           |           |
| <i>Solitalea koreensis</i>  | 1            |           |           |
| <b>Solobacterium</b>  |              |           |           |
| <i>Solobacterium moorei</i>   | 2            |           |           |
| <b>Soonwooa</b>   |              |           |           |
| <i>Soonwooa buanensis</i>   | 1            |           |           |
| <b>Soortia</b>  |              |           |           |
| <i>Soortia roseihalophila</i>   | 1            |           | neu       |
| <b>Sorangium</b>  |              |           |           |
| <i>Sorangium cellulosum</i> ( <i>Polyangium cellulosum</i> )                  | 1            |           |           |
| <b>Spelaecoccus</b>   |              |           |           |
| <i>Spelaecoccus albus</i>   | 1            |           |           |
| <b>Sphaerimonospora</b>   |              |           |           |
| <i>Sphaerimonospora cavernae</i>  | 1            |           | neu       |
| <i>Sphaerimonospora mesophila</i> ( <i>Microbispora mesophila</i> )           | 1            |           | Umb.      |
| <i>Sphaerimonospora thailandensis</i> ( <i>Microbispora thailandensis</i> )   | 1            |           | neu, Umb. |
| <b>Sphaerisporangium</b>  |              |           |           |
| <i>Sphaerisporangium album</i>  | 1            |           |           |
| <i>Sphaerisporangium aureirubrum</i>  | 1            |           | neu       |
| <i>Sphaerisporangium cinnabarinum</i>   | 1            |           |           |
| <i>Sphaerisporangium flaviroseum</i>  | 1            |           |           |
| <i>Sphaerisporangium krabiense</i>  | 1            |           |           |
| <i>Sphaerisporangium melleum</i>  | 1            |           |           |
| <i>Sphaerisporangium rubeum</i>   | 1            |           |           |
| <i>Sphaerisporangium rufum</i>  | 1            |           |           |
| <i>Sphaerisporangium siamense</i>   | 1            |           |           |
| <i>Sphaerisporangium viridialbum</i> ( <i>Streptosporangium viridialbum</i> ) | 1            |           |           |
| <b>Sphaerobacter</b>  |              |           |           |
| <i>Sphaerobacter thermophilus</i>   | 1            |           |           |
| <b>Sphaerochaeta</b>  |              |           |           |
| <i>Sphaerochaeta associata</i>  | 1            |           | neu       |
| <i>Sphaerochaeta coccoides</i> ( <i>Spirochaeta coccoides</i> )               | 1            |           |           |
| <i>Sphaerochaeta globosa</i>  | 1            |           |           |
| <i>Sphaerochaeta multiformis</i> → <i>Pleomorphochaeta multiformis</i>        |              |           | Umb.      |
| <i>Sphaerochaeta pleomorpha</i>   | 1            |           |           |
| <b>Sphaerotilus</b>   |              |           |           |
| <i>Sphaerotilus hippei</i>  | 1            |           |           |
| <i>Sphaerotilus montanus</i>  | 1            |           |           |
| <i>Sphaerotilus natans</i> → <i>Sphaerotilus natans</i> subsp. <i>natans</i>  |              |           |           |

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|---|--------------|-----------|--------|
| Sphaerotilus natans subsp. natans (Sphaerotilus natans)                       | 1            |           |        |
| Sphaerotilus natans subsp. sulfidivorans                                      | 1            |           |        |
| <b>Sphingoaurantiacus</b>   |              |           |        |
| Sphingoaurantiacus capsulatus   | 1            |           | neu    |
| Sphingoaurantiacus polygranulatus   | 1            |           | neu    |
| <b>Sphingobacterium</b>   |              |           |        |
| Sphingobacterium alimentarium   | 1            |           |        |
| Sphingobacterium alkalisoli   | 1            |           | neu    |
| Sphingobacterium anhuiense  | 1            |           |        |
| Sphingobacterium antarcticum → Pedobacter antarcticus                         |              |           |        |
| Sphingobacterium arenae   | 1            |           |        |
| Sphingobacterium bambusae   | 1            |           |        |
| Sphingobacterium caeni  | 1            |           |        |
| Sphingobacterium canadense  | 1            |           |        |
| Sphingobacterium cellulitidis   | 1            | +         | neu    |
| Sphingobacterium changzhouense  | 1            |           |        |
| Sphingobacterium chuzhouense  | 1            |           | neu    |
| Sphingobacterium cibi   | 1            |           | neu    |
| Sphingobacterium cladoniae  | 1            |           |        |
| Sphingobacterium composti   | 1            |           |        |
| Sphingobacterium corticis   | 1            | p         | neu    |
| Sphingobacterium daejeonense  | 1            | +         |        |
| Sphingobacterium detergens  | 1            |           |        |
| Sphingobacterium faecium  | 1            |           |        |
| Sphingobacterium ginsenosidimutans  | 1            |           |        |
| Sphingobacterium gobiense   | 1            |           | neu    |
| Sphingobacterium griseoflavum   | 1            |           | neu    |
| Sphingobacterium heparinum → Pedobacter heparinus                             |              |           |        |
| Sphingobacterium hotanense  | 1            |           |        |
| Sphingobacterium humi   | 1            |           | neu    |
| Sphingobacterium jejuense   | 1            |           | neu    |
| Sphingobacterium kitahiroshimense   | 1            |           |        |
| Sphingobacterium kyonggiense  | 1            |           |        |
| Sphingobacterium lactis   | 1            | +         |        |
| Sphingobacterium mizutae → Flavobacterium mizutaii                            |              |           |        |
| Sphingobacterium mizutaii (Sphingobacterium mizutae, Flavobacterium mizutaii) | 1            | +         |        |
| Sphingobacterium mucilaginosum  | 1            |           | neu    |
| Sphingobacterium multivorum (Flavobacterium multivorum)                       | 2            |           |        |
| Sphingobacterium nematocida   | 1            |           |        |
| Sphingobacterium pakistanense   | 1            |           | neu    |
| Sphingobacterium paludis  | 1            |           | neu    |
| Sphingobacterium piscium → Pedobacter piscium                                 |              |           |        |
| Sphingobacterium populi   | 1            | p+        | neu    |

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|--|--------------|-----------|--------|
| <i>Sphingobacterium psychroaquaticum</i>   | 1            |           |        |
| <i>Sphingobacterium shayense</i>   | 1            |           |        |
| <i>Sphingobacterium siyangense</i>   | 1            |           | neu    |
| <i>Sphingobacterium soli</i>   | 1            |           | neu    |
| <i>Sphingobacterium spiritivorum</i> ( <i>Flavobacterium spiritivorum</i> ) = <i>Flavobacterium yabuuchiae</i>             | 2            |           |        |
| <i>Sphingobacterium suaedae</i>  | 1            |           | neu    |
| <i>Sphingobacterium tabacisoli</i>   | 1            |           | neu    |
| <i>Sphingobacterium thalpophilum</i> ( <i>Flavobacterium thalpophilum</i> )  | 2            |           |        |
| <i>Sphingobacterium thermophilum</i>   | 1            |           |        |
| <i>Sphingobacterium wenxiniae</i>  | 1            |           |        |
| <i>Sphingobacterium yanglingense</i>   | 1            |           | neu    |
| <i>Sphingobacterium zeae</i>   | 1            |           | neu    |
| <b>Sphingobium</b>   |              |           |        |
| <i>Sphingobium abikonense</i>  | 1            |           |        |
| <i>Sphingobium algicola</i>  | 1            |           | neu    |
| <i>Sphingobium amiense</i>   | 1            |           |        |
| <i>Sphingobium aromaticiconvertens</i>   | 1            |           |        |
| <i>Sphingobium baderi</i>  | 1            |           |        |
| <i>Sphingobium barthaii</i>  | 1            |           | neu    |
| <i>Sphingobium boeckii</i>   | 1            |           |        |
| <i>Sphingobium chinhatense</i>   | 1            |           |        |
| <i>Sphingobium chlorophenolicum</i> ( <i>Sphingomonas chlorophenolica</i> ) – synonym: <i>Sphingomonas chlorophenolica</i> |              |           |        |
| <i>Sphingobium chungbukense</i> ( <i>Sphingomonas chungbukensis</i> )  | 1            |           |        |
| <i>Sphingobium cloacae</i> ( <i>Sphingomonas cloacae</i> )   | 1            |           |        |
| <i>Sphingobium cupriresistens</i>  | 1            |           |        |
| <i>Sphingobium czechense</i>   | 1            |           |        |
| <i>Sphingobium endophyticus</i>  | 1            |           | neu    |
| <i>Sphingobium faniae</i>  | 1            |           |        |
| <i>Sphingobium fontiphilum</i>   | 1            |           |        |
| <i>Sphingobium francense</i>   | 1            |           |        |
| <i>Sphingobium fuliginis</i>   | 1            |           |        |
| <i>Sphingobium herbicidovorans</i> ( <i>Sphingomonas herbicidovorans</i> ) – synonym: <i>Sphingomonas herbicidovorans</i>  |              |           |        |
| <i>Sphingobium hydrophobicum</i>   | 1            |           | neu    |
| <i>Sphingobium indicum</i>   | 1            |           |        |
| <i>Sphingobium japonicum</i>   | 1            |           |        |
| <i>Sphingobium jiangsuense</i>   | 1            |           |        |
| <i>Sphingobium lactosutens</i>   | 1            |           |        |
| <i>Sphingobium limneticum</i>  | 1            |           |        |
| <i>Sphingobium lucknowense</i>   | 1            |           |        |
| <i>Sphingobium mellinum</i>  | 1            | p         |        |
| <i>Sphingobium naphthae</i>  | 1            |           | neu    |
| <i>Sphingobium olei</i>  | 1            |           |        |

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|---|--------------|-----------|--------|
| <i>Sphingobium paulinellae</i>  | 1            |           | neu    |
| <i>Sphingobium phenoxybenzoativorans</i>  | 1            |           | neu    |
| <i>Sphingobium qiguonii</i>   | 1            |           |        |
| <i>Sphingobium quisquiliarum</i>  | 1            |           |        |
| <i>Sphingobium rhizovicinum</i>   | 1            |           |        |
| <i>Sphingobium scionense</i>  | 1            |           |        |
| <i>Sphingobium suberifaciens</i> ( <i>Sphingomonas suberifaciens</i> , <i>Rhizomonas suberifaciens</i> ) → <i>Rhizorhapis suberifaciens</i> |              |           |        |
| <i>Sphingobium subterraneum</i>   | 1            |           | neu    |
| <i>Sphingobium sufflavum</i>  | 1            |           |        |
| <i>Sphingobium ummariense</i>   | 1            |           |        |
| <i>Sphingobium vermicomposti</i>  | 1            |           |        |
| <i>Sphingobium vulgare</i>  | 1            |           |        |
| <i>Sphingobium wenxiniae</i>  | 1            |           |        |
| <i>Sphingobium xanthum</i>  | 1            | p         |        |
| <i>Sphingobium xenophagum</i> ( <i>Sphingomonas xenophaga</i> )   | 1            |           |        |
| <i>Sphingobium yanoikuyae</i> ( <i>Sphingomonas yanoikuyae</i> ) – synonym: <i>Sphingomonas yanoikuyae</i>                                  |              |           |        |
| <b>Sphingomicrobium</b>   |              |           |        |
| <i>Sphingomicrobium aestuariivivum</i>  | 1            |           | neu    |
| <i>Sphingomicrobium astaxanthinifaciens</i>   | 1            |           |        |
| <i>Sphingomicrobium flavum</i>  | 1            |           |        |
| <i>Sphingomicrobium lutaoense</i>   | 1            |           |        |
| <i>Sphingomicrobium marinum</i>   | 1            |           |        |
| <b>Sphingomonas</b>   |              |           |        |
| <i>Sphingomonas abaci</i>   | 1            |           |        |
| <i>Sphingomonas adhaesiva</i>   | 1            |           |        |
| <i>Sphingomonas aerolata</i>  | 1            |           |        |
| <i>Sphingomonas aerophila</i>   | 1            |           |        |
| <i>Sphingomonas aestuarii</i>   | 1            |           |        |
| <i>Sphingomonas agri</i>  | 1            |           | neu    |
| <i>Sphingomonas alaskensis</i> → <i>Sphingopyxis alaskensis</i>   |              |           |        |
| <i>Sphingomonas alpina</i>  | 1            |           |        |
| <i>Sphingomonas antarctica</i>  | 1            |           | neu    |
| <i>Sphingomonas aquatica</i>  | 1            |           | neu    |
| <i>Sphingomonas aquatilis</i>   | 1            |           |        |
| <i>Sphingomonas arantia</i>   | 1            |           | neu    |
| <i>Sphingomonas aromaticivorans</i>   | 1            |           |        |
| <i>Sphingomonas asaccharolytica</i>   | 1            |           |        |
| <i>Sphingomonas astaxanthinifaciens</i>   | 1            |           |        |
| <i>Sphingomonas aurantiaca</i>  | 1            |           |        |
| <i>Sphingomonas azotifigens</i>   | 1            |           |        |
| <i>Sphingomonas canadensis</i>  | 1            |           |        |
| <i>Sphingomonas capsulata</i>   | 1            |           |        |
| <i>Sphingomonas carotinifaciens</i>   | 1            |           | neu    |

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| <i>Sphingomonas carri</i>   | 1            |           | neu    |
| <i>Sphingomonas changbaiensis</i>                                   | 1            |           |        |
| <i>Sphingomonas chlorophenolica</i>                                 | 1            |           |        |
| <i>Sphingomonas chungbukensis</i> → <i>Sphingobium chungbukense</i> |              |           |        |
| <i>Sphingomonas cloacae</i> → <i>Sphingobium cloacae</i>            |              |           |        |
| <i>Sphingomonas colocasiae</i>                                      | 1            |           | neu    |
| <i>Sphingomonas crusticola</i>                                      | 1            |           | neu    |
| <i>Sphingomonas cynarae</i>   | 1            |           |        |
| <i>Sphingomonas daechungensis</i>                                   | 1            |           |        |
| <i>Sphingomonas desiccabilis</i>                                    | 1            |           |        |
| <i>Sphingomonas difficilis</i>                                      | 1            |           | neu    |
| <i>Sphingomonas dokdonensis</i>                                     | 1            |           |        |
| <i>Sphingomonas echinoides</i> ( <i>Pseudomonas echinoides</i> )    | 1            |           |        |
| <i>Sphingomonas endophytica</i>                                     | 1            |           |        |
| <i>Sphingomonas faeni</i>   | 1            |           |        |
| <i>Sphingomonas faucium</i>   | 1            |           | neu    |
| <i>Sphingomonas fennica</i>   | 1            |           |        |
| <i>Sphingomonas flava</i>   | 1            |           | neu    |
| <i>Sphingomonas fonticola</i>                                       | 1            |           | neu    |
| <i>Sphingomonas formosensis</i>                                     | 1            |           |        |
| <i>Sphingomonas frigidaeris</i>                                     | 1            |           | neu    |
| <i>Sphingomonas gei</i>   | 1            |           | neu    |
| <i>Sphingomonas gimensis</i>  | 1            |           | neu    |
| <i>Sphingomonas ginsengisoli</i>                                    | 1            |           |        |
| <i>Sphingomonas ginsenosidimutans</i>                               | 1            |           |        |
| <i>Sphingomonas glacialis</i>                                       | 1            |           |        |
| <i>Sphingomonas gotjawalisoli</i>                                   | 1            |           | neu    |
| <i>Sphingomonas guangdongensis</i>                                  | 1            |           |        |
| <i>Sphingomonas haloaromaticamans</i>                               | 1            |           |        |
| <i>Sphingomonas hankookensis</i>                                    | 1            |           |        |
| <i>Sphingomonas hengshuiensis</i>                                   | 1            |           | neu    |
| <i>Sphingomonas herbicidovorans</i>                                 | 1            |           |        |
| <i>Sphingomonas histidinilytica</i>                                 | 1            |           |        |
| <i>Sphingomonas hylomeconis</i>                                     | 1            |           | neu    |
| <i>Sphingomonas indica</i>  | 1            |           |        |
| <i>Sphingomonas insulae</i>   | 1            |           |        |
| <i>Sphingomonas japonica</i>  | 1            |           |        |
| <i>Sphingomonas jaspsi</i>  | 1            |           |        |
| <i>Sphingomonas jatrophae</i>                                       | 1            |           | neu    |
| <i>Sphingomonas jeddahensis</i>                                     | 1            |           | neu    |
| <i>Sphingomonas jejuensis</i>                                       | 1            |           |        |
| <i>Sphingomonas jinjuensis</i>                                      | 1            |           |        |
| <i>Sphingomonas kaistensis</i>                                      | 1            |           |        |
| <i>Sphingomonas koreensis</i>                                       | 1            |           |        |
| <i>Sphingomonas kyeonggiensis</i>                                   | 1            |           | neu    |

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|--|--------------|-----------|--------|
| <i>Sphingomonas kyunghensis</i>                                      | 1            |           |        |
| <i>Sphingomonas lacus</i>  | 1            |           | neu    |
| <i>Sphingomonas laterariae</i>                                       | 1            |           |        |
| <i>Sphingomonas leidyi</i> ( <i>Caulobacter leidyi</i> )             | 1            |           |        |
| <i>Sphingomonas limnosediminicola</i>                                | 1            |           | neu    |
| <i>Sphingomonas lutea</i>  | 1            |           | neu    |
| <i>Sphingomonas macrogoltabidus</i>                                  | 1            |           |        |
| <i>Sphingomonas mali</i>   | 1            |           |        |
| <i>Sphingomonas melonis</i>  | 1            | p         |        |
| <i>Sphingomonas metalli</i>  | 1            |           | neu    |
| <i>Sphingomonas molluscorum</i>                                      | 1            |           |        |
| <i>Sphingomonas morindae</i>   | 1            |           | neu    |
| <i>Sphingomonas mucosissima</i>                                      | 1            |           |        |
| <i>Sphingomonas naasensis</i>  | 1            |           |        |
| <i>Sphingomonas naphthae</i>   | 1            |           | neu    |
| <i>Sphingomonas natatoria</i> → <i>Blastomonas natatoria</i>         |              |           |        |
| <i>Sphingomonas olei</i>   | 1            |           | neu    |
| <i>Sphingomonas oligoaromativorans</i>                               | 1            |           |        |
| <i>Sphingomonas oligophenolica</i>                                   | 1            |           |        |
| <i>Sphingomonas oryzae</i>   | 1            |           |        |
| <i>Sphingomonas palustris</i>  | 1            |           | neu    |
| <i>Sphingomonas panacis</i>  | 1            |           | neu    |
| <i>Sphingomonas panaciterrae</i>                                     | 1            |           | neu    |
| <i>Sphingomonas panni</i>  | 1            |           |        |
| <i>Sphingomonas parapaucimobilis</i>                                 | 2            |           |        |
| <i>Sphingomonas paucimobilis</i> ( <i>Pseudomonas paucimobilis</i> ) | 2            |           |        |
| <i>Sphingomonas phyllosphaerae</i>                                   | 1            |           |        |
| <i>Sphingomonas piscinae</i>   | 1            |           | neu    |
| <i>Sphingomonas puitosa</i>  | 1            |           |        |
| <i>Sphingomonas polyaromaticivorans</i>                              | 1            |           |        |
| <i>Sphingomonas prati</i>  | 1            |           | neu    |
| <i>Sphingomonas pruni</i>  | 1            |           |        |
| <i>Sphingomonas pseudosanguinis</i>                                  | 1            |           |        |
| <i>Sphingomonas psychrolutea</i>                                     | 1            |           | neu    |
| <i>Sphingomonas qilianensis</i>                                      | 1            |           | neu    |
| <i>Sphingomonas rosa</i>   | 1            |           |        |
| <i>Sphingomonas roseiflava</i>                                       | 1            |           |        |
| <i>Sphingomonas rubra</i>  | 1            |           |        |
| <i>Sphingomonas sanguinis</i>  | 1            | +         |        |
| <i>Sphingomonas sanxanigenens</i>                                    | 1            |           |        |
| <i>Sphingomonas sediminicola</i>                                     | 1            |           |        |
| <i>Sphingomonas silvisoli</i>  | 1            |           | neu    |
| <i>Sphingomonas soli</i>   | 1            |           |        |
| <i>Sphingomonas spermidinifaciens</i>                                | 1            |           | neu    |
| <i>Sphingomonas starnbergensis</i>                                   | 1            |           |        |



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|---|--------------|-----------|--------|
| <i>Sphingomonas stygia</i>  | 1            |           |        |
| <i>Sphingomonas subarctica</i> – synonym: <i>Flavobacterium resinovororum</i> → <i>Novosphingobium resinovororum</i>      |              |           |        |
| <i>Sphingomonas suberifaciens</i> ( <i>Rhizomonas suberifaciens</i> ) → <i>Sphingobium suberifaciens</i>                  |              |           |        |
| <i>Sphingomonas subterranea</i>   | 1            |           |        |
| <i>Sphingomonas taejonensis</i> → <i>Sphingopyxis taejonensis</i>   |              |           |        |
| <i>Sphingomonas terrae</i> → <i>Sphingopyxis terrae</i> subsp. <i>terrae</i>  |              |           | Umb.   |
| <i>Sphingomonas trueperi</i>  | 1            |           |        |
| <i>Sphingomonas ursincola</i>   | 1            |           |        |
| <i>Sphingomonas vulcanisoli</i>   | 1            |           | neu    |
| <i>Sphingomonas wittichii</i>   | 1            |           |        |
| <i>Sphingomonas xenophaga</i> → <i>Sphingobium xenophagum</i>   |              |           |        |
| <i>Sphingomonas xinjiangensis</i>   | 1            |           |        |
| <i>Sphingomonas yabuuchiae</i>  | 1            |           |        |
| <i>Sphingomonas yanoikuyae</i>  | 1            | +         |        |
| <i>Sphingomonas yantingensis</i>  | 1            |           |        |
| <i>Sphingomonas yunnanensis</i>   | 1            |           |        |
| <i>Sphingomonas zeae</i>  | 1            |           | neu    |
| <i>Sphingomonas zeicaulis</i>   | 1            |           | neu    |
| <b>Sphingopyxis</b>   |              |           |        |
| <i>Sphingopyxis alaskensis</i> ( <i>Sphingomonas alaskensis</i> )   | 1            |           |        |
| <i>Sphingopyxis baekryungensis</i>  | 1            |           |        |
| <i>Sphingopyxis bauzanensis</i>   | 1            |           |        |
| <i>Sphingopyxis chilensis</i>   | 1            |           |        |
| <i>Sphingopyxis contaminans</i> → <i>Sphingorhabdus contaminans</i>   |              |           | Umb.   |
| <i>Sphingopyxis flava</i>   | 1            |           | neu    |
| <i>Sphingopyxis flavimaris</i> → <i>Sphingorhabdus flavimaris</i>   |              |           |        |
| <i>Sphingopyxis fribergensis</i>  | 1            |           | neu    |
| <i>Sphingopyxis ginsengisoli</i>  | 1            |           |        |
| <i>Sphingopyxis granuli</i>   | 1            |           |        |
| <i>Sphingopyxis indica</i>  | 1            |           |        |
| <i>Sphingopyxis italica</i>   | 1            |           |        |
| <i>Sphingopyxis litoris</i> → <i>Sphingorhabdus litoris</i>   |              |           |        |
| <i>Sphingopyxis macrogoltabida</i> ( <i>Sphingomonas macrogoltabidus</i> ) – synonym: <i>Sphingomonas macrogoltabidus</i> |              |           |        |
| <i>Sphingopyxis marina</i> → <i>Sphingorhabdus marina</i>   |              |           |        |
| <i>Sphingopyxis nepalensis</i>  | 1            |           | neu    |
| <i>Sphingopyxis panaciterrae</i>  | 1            |           |        |
| <i>Sphingopyxis panaciterrulae</i>  | 1            |           |        |
| <i>Sphingopyxis rigui</i> → <i>Sphingorhabdus rigui</i>   |              |           | Umb.   |
| <i>Sphingopyxis soli</i>  | 1            |           |        |

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|---|--------------|-----------|-----------|
| <i>Sphingopyxis solisilvae</i>  | 1            |           | neu       |
| <i>Sphingopyxis taejonensis</i> ( <i>Sphingomonas taejonensis</i> )   | 1            |           |           |
| <i>Sphingopyxis terrae</i> ( <i>Sphingomonas terrae</i> ) – synonym: <i>Sphingomonas terrae</i>             |              |           |           |
| <i>Sphingopyxis terrae</i> ( <i>Sphingomonas terrae</i> ) → <i>Sphingopyxis terrae</i> subsp. <i>terrae</i> |              |           | Umb.      |
| <i>Sphingopyxis terrae</i> subsp. <i>terrae</i> ( <i>Sphingopyxis terrae</i> , <i>Sphingomonas terrae</i> ) | 1            |           | Umb.      |
| <i>Sphingopyxis terrae</i> subsp. <i>ummariensis</i> ( <i>Sphingopyxis ummariensis</i> )                    | 1            |           | Umb.      |
| <i>Sphingopyxis ummariensis</i> → <i>Sphingopyxis terrae</i> subsp. <i>ummariensis</i>                      |              |           | Umb.      |
| <i>Sphingopyxis witflariensis</i>   | 1            |           |           |
| <i>Sphingopyxis wooponensis</i> → <i>Sphingorhabdus wooponensis</i>   |              |           | Umb.      |
| <b>Sphingorhabdus</b>   |              |           |           |
| <i>Sphingorhabdus arenilitoris</i>  | 1            |           | neu       |
| <i>Sphingorhabdus contaminans</i> ( <i>Sphingopyxis contaminans</i> )                                       | 1            |           | neu, Umb. |
| <i>Sphingorhabdus flavimaris</i> ( <i>Sphingopyxis flavimaris</i> )   | 1            |           |           |
| <i>Sphingorhabdus litoris</i> ( <i>Sphingopyxis litoris</i> )   | 1            |           |           |
| <i>Sphingorhabdus marina</i> ( <i>Sphingopyxis marina</i> )   | 1            |           |           |
| <i>Sphingorhabdus pacifica</i>  | 1            |           | neu       |
| <i>Sphingorhabdus planktonica</i>   | 1            |           |           |
| <i>Sphingorhabdus rigui</i> ( <i>Sphingopyxis rigui</i> )   | 1            |           | Umb.      |
| <i>Sphingorhabdus wooponensis</i> ( <i>Sphingopyxis wooponensis</i> )                                       | 1            |           | Umb.      |
| <b>Sphingosinicella</b>   |              |           |           |
| <i>Sphingosinicella microcystinivorans</i>  | 1            |           |           |
| <i>Sphingosinicella soli</i>  | 1            |           |           |
| <i>Sphingosinicella vermicomposti</i>   | 1            |           |           |
| <i>Sphingosinicella xenopeptidilytica</i>   | 1            |           |           |
| <b>Spinactinospora</b>  |              |           |           |
| <i>Spinactinospora alkalitolerans</i>   | 1            |           |           |
| <b>Spiribacter</b>  |              |           |           |
| <i>Spiribacter aquaticus</i>  | 1            |           | neu       |
| <i>Spiribacter curvatus</i>   | 1            |           | neu       |
| <i>Spiribacter roseus</i>   | 1            |           | neu       |
| <i>Spiribacter salinus</i>  | 1            |           | neu       |
| <b>Spirilliplanes</b>   |              |           |           |
| <i>Spirilliplanes yamanashiensis</i>  | 1            |           |           |
| <b>Spirillospora</b>  |              |           |           |
| <i>Spirillospora albida</i>   | 1            |           |           |
| <i>Spirillospora rubra</i>  | 1            |           |           |
| <b>Spirillum</b>  |              |           |           |
| <i>Spirillum volutans</i>   | 1            |           |           |
| <i>Spirillum winogradskyi</i>   | 1            |           |           |
| <b>Spirochaeta</b>  |              |           |           |

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|---|--------------|-----------|--------|
| <i>Spirochaeta africana</i>   | 1            |           |        |
| <i>Spirochaeta alkalica</i> → <i>Alkalispirochaeta alkalica</i>                       |              |           | Umb.   |
| <i>Spirochaeta americana</i> → <i>Alkalispirochaeta americana</i>                     |              |           | Umb.   |
| <i>Spirochaeta asiatica</i>   | 1            |           |        |
| <i>Spirochaeta aurantia</i> subsp. <i>aurantia</i>                                    | 1            |           |        |
| <i>Spirochaeta aurantia</i> subsp. <i>stricta</i>                                     | 1            |           |        |
| <i>Spirochaeta bajacaliforniensis</i> → <i>Sediminispirochaeta bajacaliforniensis</i> |              |           | Umb.   |
| <i>Spirochaeta caldaria</i> → <i>Treponema caldaria</i>                               |              |           |        |
| <i>Spirochaeta cellobiosiphila</i>  | 1            |           |        |
| <i>Spirochaeta coccoides</i> → <i>Sphaerochaeta coccoides</i>                         |              |           |        |
| <i>Spirochaeta dissipatitropha</i>  | 1            |           |        |
| <i>Spirochaeta halophila</i>  | 1            |           |        |
| <i>Spirochaeta isovalerica</i>  | 1            |           |        |
| <i>Spirochaeta litoralis</i> → <i>Oceanispirochaeta litoralis</i>                     |              |           | Umb.   |
| <i>Spirochaeta lutea</i>  | 1            |           | neu    |
| <i>Spirochaeta odontotermis</i> → <i>Alkalispirochaeta odontotermis</i>               |              |           | Umb.   |
| <i>Spirochaeta perfilievii</i>  | 1            |           |        |
| <i>Spirochaeta plicatilis</i>   | 1            |           |        |
| <i>Spirochaeta psychrophila</i>   | 1            |           | neu    |
| <i>Spirochaeta sinaica</i> → <i>Sediminispirochaeta sinaica</i>                       |              |           | Umb.   |
| <i>Spirochaeta smaragdinae</i> → <i>Sediminispirochaeta smaragdinae</i>               |              |           | Umb.   |
| <i>Spirochaeta sphaeroplastigenes</i> → <i>Alkalispirochaeta sphaeroplastigenes</i>   |              |           | Umb.   |
| <i>Spirochaeta stenostrepta</i> → <i>Treponema stenostrepta</i>                       |              |           |        |
| <i>Spirochaeta thermophila</i>  | 1            |           |        |
| <i>Spirochaeta zuelzerae</i> → <i>Treponema zuelzerae</i>                             |              |           |        |
| <b>Spiroplasma</b>  |              |           |        |
| <i>Spiroplasma alleghenense</i>   | 1            |           |        |
| <i>Spiroplasma apis</i>   | 1            | n         |        |
| <i>Spiroplasma atrichopogonis</i>   | 1            |           |        |
| <i>Spiroplasma cantharicola</i>   | 1            |           |        |
| <i>Spiroplasma chinense</i>   | 1            |           |        |
| <i>Spiroplasma chrysopicola</i>   | 1            |           |        |
| <i>Spiroplasma citri</i>  | 1            | p         |        |
| <i>Spiroplasma clarkii</i>  | 1            |           |        |
| <i>Spiroplasma corruscae</i>  | 1            |           |        |
| <i>Spiroplasma culicicola</i>   | 1            |           |        |
| <i>Spiroplasma diabroticae</i>  | 1            |           |        |
| <i>Spiroplasma diminutum</i>  | 1            |           |        |
| <i>Spiroplasma eriocheiris</i>  | 1            | n2        |        |
| <i>Spiroplasma floricola</i>  | 1            |           |        |
| <i>Spiroplasma gladiatoris</i>  | 1            |           |        |

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|---|--------------|-----------|--------|
| <i>Spiroplasma helicoides</i>                         | 1            |           |        |
| <i>Spiroplasma insolitum</i>                          | 1            |           |        |
| <i>Spiroplasma ixodetis</i>                           | 1            |           |        |
| <i>Spiroplasma kunkelii</i>                           | 1            | p         |        |
| <i>Spiroplasma lampyridicola</i>                      | 1            |           |        |
| <i>Spiroplasma leptinotarsae</i>                      | 1            |           |        |
| <i>Spiroplasma leucomae</i>                           | 1            | n         |        |
| <i>Spiroplasma lineolae</i>                           | 1            |           |        |
| <i>Spiroplasma litorale</i>                           | 1            |           |        |
| <i>Spiroplasma melliferum</i>                         | 1            | n         |        |
| <i>Spiroplasma mirum</i>                              | 2            | t         |        |
| <i>Spiroplasma monobiae</i>                           | 1            |           |        |
| <i>Spiroplasma montanense</i>                         | 1            |           |        |
| <i>Spiroplasma penaei</i>                             | 1            | n2        |        |
| <i>Spiroplasma phoeniceum</i>                         | 1            | p         |        |
| <i>Spiroplasma platyhelix</i>                         | 1            |           |        |
| <i>Spiroplasma poulsonii</i>                          | 1            | n         |        |
| <i>Spiroplasma sabaudiense</i>                        | 1            |           |        |
| <i>Spiroplasma syrphidicola</i>                       | 1            |           |        |
| <i>Spiroplasma tabanidicola</i>                       | 1            |           |        |
| <i>Spiroplasma taiwanense</i>                         | 1            |           |        |
| <i>Spiroplasma turonicum</i>                          | 1            |           |        |
| <i>Spiroplasma velocicrescens</i>                     | 1            |           |        |
| <b>Spirosoma</b>                                      |              |           |        |
| <i>Spirosoma aerolatum</i>                            | 1            |           | neu    |
| <i>Spirosoma aerophilum</i>                           | 1            |           | neu    |
| <i>Spirosoma arcticum</i>                             | 1            |           | neu    |
| <i>Spirosoma carri</i>                                | 1            |           | neu    |
| <i>Spirosoma daeguense</i>                            | 1            |           | neu    |
| <i>Spirosoma endophyticum</i>                         | 1            |           |        |
| <i>Spirosoma flavum</i>                               | 1            |           | neu    |
| <i>Spirosoma fluminis</i>                             | 1            |           | neu    |
| <i>Spirosoma fluviale</i>                             | 1            |           | neu    |
| <i>Spirosoma knui</i>                                 | 1            |           | neu    |
| <i>Spirosoma koreense</i>                             | 1            |           | neu    |
| <i>Spirosoma lacussanchae</i>                         | 1            |           | neu    |
| <i>Spirosoma linguale</i> (linguale)                  | 1            |           | Korr.  |
| <i>Spirosoma linguale</i> → <i>Spirosoma linguale</i> |              |           | Korr.  |
| <i>Spirosoma luteolum</i>                             | 1            |           | neu    |
| <i>Spirosoma luteum</i>                               | 1            |           |        |
| <i>Spirosoma montaniterrae</i>                        | 1            |           | neu    |
| <i>Spirosoma oryzae</i>                               | 1            |           | neu    |
| <i>Spirosoma panaciterrae</i>                         | 1            |           |        |
| <i>Spirosoma pulveris</i>                             | 1            |           | neu    |
| <i>Spirosoma radiotolerans</i>                        | 1            |           | neu    |
| <i>Spirosoma rigui</i>                                | 1            |           |        |

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| <i>Spirosoma soli</i>   | 1            |           | neu    |
| <i>Spirosoma spitsbergense</i>  | 1            |           |        |
| <i>Spirosoma swuense</i>  | 1            |           | neu    |
| <b>Spongiibacter</b>  |              |           |        |
| <i>Spongiibacter borealis</i> → <i>Zhongshania borealis</i>               |              |           | Umb.   |
| <i>Spongiibacter marinus</i>  | 1            |           |        |
| <i>Spongiibacter taiwanensis</i>  | 1            |           | neu    |
| <i>Spongiibacter tropicus</i>   | 1            |           |        |
| <b>Spongiibacterium</b>   |              |           |        |
| <i>Spongiibacterium flavum</i>  | 1            |           |        |
| <i>Spongiibacterium pacificum</i>   | 1            |           | neu    |
| <b>Spongiiferula</b>  |              |           |        |
| <i>Spongiiferula fulva</i>  | 1            |           | neu    |
| <b>Spongiimicrobium</b>   |              |           |        |
| <i>Spongiimicrobium salis</i>   | 1            |           | neu    |
| <b>Spongiimonas</b>   |              |           |        |
| <i>Spongiimonas flava</i>   | 1            |           |        |
| <b>Spongiispira</b>   |              |           |        |
| <i>Spongiispira norvegica</i>   | 1            |           |        |
| <b>Sporacetigenium</b>  |              |           |        |
| <i>Sporacetigenium mesophilum</i>   | 1            |           |        |
| <b>Sporanaerobacter</b>   |              |           |        |
| <i>Sporanaerobacter acetigenes</i>  | 1            |           |        |
| <b>Sporichthya</b>  |              |           |        |
| <i>Sporichthya brevicatena</i>  | 1            |           |        |
| <i>Sporichthya polymorpha</i>   | 1            |           |        |
| <b>Sporobacter</b>  |              |           |        |
| <i>Sporobacter termitidis</i>   | 1            |           |        |
| <b>Sporobacterium</b>   |              |           |        |
| <i>Sporobacterium olearium</i>  | 1            |           |        |
| <b>Sporocytophaga</b>   |              |           |        |
| <i>Sporocytophaga myxococcoides</i>                                       | 1            |           |        |
| <b>Sporohalobacter</b>  |              |           |        |
| <i>Sporohalobacter lortetii</i> ( <i>Clostridium lortetii</i> )           | 1            |           |        |
| <i>Sporohalobacter marismortui</i> → <i>Orenia marismortui</i>            |              |           |        |
| <i>Sporohalobacter salinus</i>  | 1            |           | neu    |
| <b>Sporolactobacillus</b>   |              |           |        |
| <i>Sporolactobacillus inulinus</i>  | 1            |           |        |
| <i>Sporolactobacillus kofuensis</i>                                       | 1            |           |        |
| <i>Sporolactobacillus lactosus</i>  | 1            |           |        |
| <i>Sporolactobacillus laevolacticus</i> ( <i>Bacillus laevolacticus</i> ) | 1            |           |        |
| <i>Sporolactobacillus nakayamae</i> subsp. <i>nakayamae</i>               | 1            |           |        |
| <i>Sporolactobacillus nakayamae</i> subsp. <i>racemicus</i>               | 1            |           |        |
| <i>Sporolactobacillus pectinivorans</i>                                   | 1            |           | neu    |
| <i>Sporolactobacillus putidus</i>   | 1            |           |        |

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|--|--------------|-----------|--------|
| <i>Sporolactobacillus shoreae</i>  | 1            |           | neu    |
| <i>Sporolactobacillus shoreicorticis</i>                                   | 1            |           | neu    |
| <i>Sporolactobacillus spathodeae</i>                                       | 1            |           | neu    |
| <i>Sporolactobacillus terrae</i>   | 1            |           |        |
| <i>Sporolactobacillus vineae</i>   | 1            |           |        |
| <b>Sporolituus</b>   |              |           |        |
| <i>Sporolituus thermophilus</i>  | 1            |           |        |
| <b>Sporomusa</b>   |              |           |        |
| <i>Sporomusa acidovorans</i>   | 1            |           |        |
| <i>Sporomusa aerivorans</i>  | 1            |           |        |
| <i>Sporomusa malonica</i>  | 1            |           |        |
| <i>Sporomusa ovata</i>   | 1            |           |        |
| <i>Sporomusa paucivorans</i>   | 1            |           |        |
| <i>Sporomusa rhizae</i>  | 1            |           |        |
| <i>Sporomusa silvacetica</i>   | 1            |           |        |
| <i>Sporomusa sphaeroides</i>   | 1            |           |        |
| <i>Sporomusa termitida</i>   | 1            |           |        |
| <b>Sporosalibacterium</b>  |              |           |        |
| <i>Sporosalibacterium faouarense</i>                                       | 1            |           |        |
| <i>Sporosalibacterium tautonense</i>                                       | 1            |           | neu    |
| <b>Sporosarcina</b>  |              |           |        |
| <i>Sporosarcina antarctica</i> → <i>Paenisporosarcina antarctica</i>       |              |           |        |
| <i>Sporosarcina aquimarina</i>   | 1            |           |        |
| <i>Sporosarcina contaminans</i>  | 1            |           |        |
| <i>Sporosarcina globispora</i> ( <i>Bacillus globisporus</i> )             | 1            |           |        |
| <i>Sporosarcina halophila</i> → <i>Halobacillus halophilus</i>             |              |           |        |
| <i>Sporosarcina koreensis</i>  | 1            |           |        |
| <i>Sporosarcina luteola</i>  | 1            |           |        |
| <i>Sporosarcina macmurdoensis</i> → <i>Paenisporosarcina macmurdoensis</i> |              |           |        |
| <i>Sporosarcina newyorkensis</i>   | 2            |           |        |
| <i>Sporosarcina pasteurii</i> ( <i>Bacillus pasteurii</i> )                | 1            |           |        |
| <i>Sporosarcina psychrophila</i> ( <i>Bacillus psychrophilus</i> )         | 1            |           |        |
| <i>Sporosarcina saromensis</i>   | 1            |           |        |
| <i>Sporosarcina siberiensis</i>  | 1            |           | neu    |
| <i>Sporosarcina soli</i>   | 1            |           |        |
| <i>Sporosarcina terrae</i>   | 1            |           | neu    |
| <i>Sporosarcina thermotolerans</i>   | 1            |           | neu    |
| <i>Sporosarcina ureae</i>  | 1            |           |        |
| <b>Sporotalea</b> → <b>Pelosinus</b>                                       |              |           |        |
| <i>Sporotalea propionica</i> → <i>Pelosinus propionicus</i>                |              |           |        |
| <b>Sporotomaculum</b>  |              |           |        |
| <i>Sporotomaculum hydroxybenzoicum</i>                                     | 1            |           |        |
| <i>Sporotomaculum syntrophicum</i>   | 1            |           |        |
| <b>Stackebrandtia</b>  |              |           |        |

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|--|--------------|-----------|--------|
| <i>Stackebrandtia albiflava</i>  | 1            |           |        |
| <i>Stackebrandtia cavernae</i>   | 1            |           | neu    |
| <i>Stackebrandtia endophytica</i>  | 1            |           | neu    |
| <i>Stackebrandtia nassauensis</i>  | 1            |           |        |
| <b>Stakelama</b>   |              |           |        |
| <i>Stakelama algicida</i>  | 1            |           | neu    |
| <i>Stakelama pacifica</i>  | 1            |           |        |
| <i>Stakelama sediminis</i>   | 1            |           |        |
| <b>Staleyia → Sulfitobacter</b>  |              |           |        |
| <i>Staleyia guttiformis</i> → <i>Sulfitobacter guttiformis</i>   |              |           |        |
| <b>Stanierella → Aquimarina</b>  |              |           |        |
| <i>Stanierella latercula</i> ( <i>Cytophaga latercula</i> ) → <i>Aquimarina latercula</i>  |              |           |        |
| <b>Staphylococcus</b>  |              |           |        |
| <i>Staphylococcus agnetis</i>  | 2            | t         |        |
| <i>Staphylococcus argenteus</i>  | 2            |           | neu    |
| <i>Staphylococcus arlettae</i>   | 1            |           |        |
| <i>Staphylococcus aureus</i> → <i>Staphylococcus aureus</i> subsp. <i>aureus</i>   |              |           |        |
| <i>Staphylococcus aureus</i> subsp. <i>anaerobius</i>  | 2            | ht        |        |
| <i>Staphylococcus aureus</i> subsp. <i>aureus</i> ( <i>Staphylococcus aureus</i> ) <sup>18</sup>   | 2            | ht, T     | Bem.   |
| <i>Staphylococcus auricularis</i>  | 1            |           |        |
| <i>Staphylococcus capitis</i> subsp. <i>capitis</i>  | 1            | +         |        |
| <i>Staphylococcus capitis</i> subsp. <i>ureolyticus</i>  | 1            | +         |        |
| <i>Staphylococcus caprae</i>   | 2            | ht        |        |
| <i>Staphylococcus carnosus</i> subsp. <i>carnosus</i>  | 1            |           |        |
| <i>Staphylococcus carnosus</i> subsp. <i>utilis</i>  | 1            |           |        |
| <i>Staphylococcus caseolyticus</i> → <i>Macrocooccus caseolyticus</i>  |              |           |        |
| <i>Staphylococcus chromogenes</i> ( <i>Staphylococcus hyicus</i> subsp. <i>chromogenes</i> )   | 2            | t         |        |
| <i>Staphylococcus cohnii</i> subsp. <i>cohnii</i>  | 1            | +         |        |
| <i>Staphylococcus cohnii</i> subsp. <i>urealyticum</i>   | 1            | +         |        |
| <i>Staphylococcus condimenti</i>   | 1            |           |        |
| <i>Staphylococcus delphini</i>   | 1            |           |        |
| <i>Staphylococcus devriesei</i>  | 1            |           |        |
| <i>Staphylococcus epidermidis</i>  | 2            | ht, TA    | Bem.   |
| <i>Staphylococcus equorum</i> ( <i>Staphylococcus equorum</i> subsp. <i>equorum</i> , <i>Staphylococcus equorum</i> subsp. <i>linens</i> ) | 1            |           | Umb.   |
| <i>Staphylococcus equorum</i> subsp. <i>equorum</i> → <i>Staphylococcus equorum</i>  |              |           | Umb.   |
| <i>Staphylococcus equorum</i> subsp. <i>linens</i> → <i>Staphylococcus equorum</i>   |              |           | Umb.   |
| <i>Staphylococcus felis</i>  | 2            | t         |        |
| <i>Staphylococcus fleurettii</i>   | 1            |           |        |

<sup>18</sup> In jüngster Zeit gibt es Berichte über ein zoonotisches Potenzial von *S. aureus* subsp. *aureus*, insbesondere bei bestimmten MRSA-Stämmen.

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|--|--------------|-----------|------------|
| <i>Staphylococcus gallinarum</i>   | 1            |           |            |
| <i>Staphylococcus haemolyticus</i>   | 2            | ht        |            |
| <i>Staphylococcus hominis</i> subsp. <i>hominis</i>  | 2            |           |            |
| <i>Staphylococcus hominis</i> subsp. <i>novobiosepticus</i>                                | 2            |           |            |
| <i>Staphylococcus hyicus</i> ( <i>Staphylococcus hyicus</i> subsp. <i>hyicus</i> )         | 2            | t         |            |
| <i>Staphylococcus hyicus</i> subsp. <i>chromogenes</i> → <i>Staphylococcus chromogenes</i> |              |           |            |
| <i>Staphylococcus hyicus</i> subsp. <i>hyicus</i> → <i>Staphylococcus hyicus</i>           |              |           |            |
| <i>Staphylococcus intermedius</i>  | 2            | Z         |            |
| <i>Staphylococcus jettensis</i> → <i>Staphylococcus petrasii</i> subsp. <i>jettensis</i>   |              |           | Umb.       |
| <i>Staphylococcus kloosii</i>  | 1            |           |            |
| <i>Staphylococcus lentus</i> ( <i>Staphylococcus sciuri</i> subsp. <i>lentus</i> )         | 1            | ht+       | Bem.       |
| <i>Staphylococcus lugdunensis</i>  | 2            |           |            |
| <i>Staphylococcus lutrae</i>   | 2            | t         |            |
| <i>Staphylococcus massiliensis</i>   | 2            |           |            |
| <i>Staphylococcus microti</i>  | 1            | t+        |            |
| <i>Staphylococcus muscae</i>   | 1            |           |            |
| <i>Staphylococcus nepalensis</i>   | 2            | t         |            |
| <i>Staphylococcus pasteurii</i>  | 2            |           |            |
| <i>Staphylococcus petrasii</i> subsp. <i>croceilyticus</i>                                 | 2            |           |            |
| <i>Staphylococcus petrasii</i> subsp. <i>jettensis</i> ( <i>Staphylococcus jettensis</i> ) | 2            |           | Umb.       |
| <i>Staphylococcus petrasii</i> subsp. <i>petrasii</i>                                      | 2            |           |            |
| <i>Staphylococcus petrasii</i> subsp. <i>pragensis</i>                                     | 2            |           | neu        |
| <i>Staphylococcus pettenkoferi</i>   | 2            |           |            |
| <i>Staphylococcus piscifermentans</i>  | 1            |           |            |
| <i>Staphylococcus pseudintermedius</i>   | 2            | ht        |            |
| <i>Staphylococcus pulvereri</i> – synonym: <i>Staphylococcus vitulinus</i>                 |              |           |            |
| <i>Staphylococcus rostri</i>   | 1            |           |            |
| <i>Staphylococcus saccharolyticus</i> ( <i>Peptococcus saccharolyticus</i> )               | 2            |           |            |
| <i>Staphylococcus saprophyticus</i> subsp. <i>bovis</i>                                    | 1            |           |            |
| <i>Staphylococcus saprophyticus</i> subsp. <i>saprophyticus</i>                            | 2            |           |            |
| <i>Staphylococcus schleiferi</i> subsp. <i>coagulans</i>                                   | 2            | ht        |            |
| <i>Staphylococcus schleiferi</i> subsp. <i>schleiferi</i>                                  | 2            | ht        |            |
| <i>Staphylococcus schweitzeri</i>  | 2            | t         | neu        |
| <i>Staphylococcus sciuri</i> ( <i>Staphylococcus sciuri</i> subsp. <i>sciuri</i> )         | 1            | +, t2     | Bem., Umb. |
| <i>Staphylococcus sciuri</i> subsp. <i>carnaticus</i> → <i>Staphylococcus sciuri</i>       |              |           | Umb.       |
| <i>Staphylococcus sciuri</i> subsp. <i>lentus</i> → <i>Staphylococcus lentus</i>           |              |           |            |
| <i>Staphylococcus sciuri</i> subsp. <i>rodentium</i> → <i>Staphylococcus sciuri</i>        |              |           | Umb.       |
| <i>Staphylococcus sciuri</i> subsp. <i>sciuri</i> → <i>Staphylococcus sciuri</i>           |              |           | Umb.       |



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|---|--------------|-----------|--------|
| <i>Staphylococcus simiae</i>  | 2            | t         |        |
| <i>Staphylococcus simulans</i>  | 1            | ht+       |        |
| <i>Staphylococcus stepanovicii</i>  | 1            |           | neu    |
| <i>Staphylococcus succinus</i> subsp. <i>casei</i>  | 1            |           |        |
| <i>Staphylococcus succinus</i> subsp. <i>succinus</i>   | 1            |           |        |
| <i>Staphylococcus vitulinus</i>   | 1            | +         |        |
| <i>Staphylococcus warneri</i>   | 1            | ht+       |        |
| <i>Staphylococcus xylosus</i>   | 1            | ht+       |        |
| <b>Staphylothermus</b>  |              |           |        |
| <i>Staphylothermus hellenicus</i>   | 1            |           |        |
| <i>Staphylothermus marinus</i>  | 1            |           |        |
| <b>Stappia</b>  |              |           |        |
| <i>Stappia aggregata</i> → <i>Labrenzia aggregata</i>   |              |           |        |
| <i>Stappia alba</i> → <i>Labrenzia alba</i>   |              |           |        |
| <i>Stappia indica</i>   | 1            |           |        |
| <i>Stappia marina</i> → <i>Labrenzia marina</i>   |              |           |        |
| <i>Stappia stellulata</i> ( <i>Agrobacterium stellulatum</i> )  | 1            |           |        |
| <i>Stappia taiwanensis</i>  | 1            |           |        |
| <b>Starkeya</b>   |              |           |        |
| <i>Starkeya koreensis</i>   | 1            |           |        |
| <i>Starkeya novella</i> ( <i>Thiobacillus novellus</i> )  | 1            |           |        |
| <b>Stella</b>   |              |           |        |
| <i>Stella humosa</i>  | 1            |           |        |
| <i>Stella vacuolata</i>   | 1            |           |        |
| <b>Stenothermobacter</b> → <b>Nonlabens</b>   |              |           |        |
| <i>Stenothermobacter spongiae</i> → <i>Nonlabens spongiae</i>   |              |           |        |
| <b>Stenotrophobacter</b>  |              |           |        |
| <i>Stenotrophobacter namibiensis</i>  | 1            |           | neu    |
| <i>Stenotrophobacter roseus</i>   | 1            |           | neu    |
| <i>Stenotrophobacter terrae</i>   | 1            |           | neu    |
| <b>Stenotrophomonas</b>   |              |           |        |
| <i>Stenotrophomonas acidaminiphila</i>  | 1            |           |        |
| <i>Stenotrophomonas africana</i> – synonym: <i>Stenotrophomonas maltophilia</i>                         |              |           |        |
| <i>Stenotrophomonas bentonitica</i>   | 1            |           | neu    |
| <i>Stenotrophomonas chelatiphaga</i>  | 1            |           |        |
| <i>Stenotrophomonas daejeonensis</i>  | 1            |           |        |
| <i>Stenotrophomonas dokdonensis</i> → <i>Pseudoxanthomonas dokdonensis</i>                              |              |           |        |
| <i>Stenotrophomonas ginsengisoli</i>  | 1            |           |        |
| <i>Stenotrophomonas humi</i>  | 1            |           |        |
| <i>Stenotrophomonas koreensis</i>   | 1            |           |        |
| <i>Stenotrophomonas maltophilia</i> ( <i>Pseudomonas maltophilia</i> , <i>Xanthomonas maltophilia</i> ) | 2            | ht        |        |
| <i>Stenotrophomonas nitritireducens</i>   | 1            |           |        |
| <i>Stenotrophomonas pavanii</i>   | 1            |           |        |

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|--|--------------|-----------|--------|
| Stenotrophomonas pictorum (Pseudomonas pictorum)   | 1            |           | Umb.   |
| Stenotrophomonas rhizophila                        | 1            |           |        |
| Stenotrophomonas terrae                            | 1            |           |        |
| Stenotrophomonas tumulicola                        | 1            |           | neu    |
| <b>Stenoxybacter</b>                               |              |           |        |
| Stenoxybacter acetivorans                          | 1            |           |        |
| <b>Steroidobacter</b>                              |              |           |        |
| Steroidobacter agariperforans                      | 1            |           | neu    |
| Steroidobacter denitrificans                       | 1            |           |        |
| <b>Sterolibacterium</b>                            |              |           |        |
| Sterolibacterium denitrificans                     | 1            |           |        |
| <b>Stetteria</b>                                   |              |           |        |
| Stetteria hydrogenophila                           | 1            |           |        |
| <b>Stibiobacter</b>                                |              |           |        |
| Stibiobacter senarmontii                           | 1            |           |        |
| <b>Stigmatella</b>                                 |              |           |        |
| Stigmatella aurantiaca                             | 1            |           |        |
| Stigmatella erecta                                 | 1            |           |        |
| Stigmatella hybrida                                | 1            |           |        |
| <b>Stomatobaculum</b>                              |              |           |        |
| Stomatobaculum longum                              | 1            |           |        |
| <b>Stomatococcus → Rothia</b>                      |              |           |        |
| Stomatococcus mucilaginosus → Rothia mucilaginosus |              |           |        |
| <b>Streptacidiphilus</b>                           |              |           |        |
| Streptacidiphilus albus                            | 1            |           |        |
| Streptacidiphilus anmyonensis                      | 1            |           |        |
| Streptacidiphilus carbonis                         | 1            |           |        |
| Streptacidiphilus durhamensis                      | 1            |           |        |
| Streptacidiphilus hamsterleyensis                  | 1            |           |        |
| Streptacidiphilus jiangxiensis                     | 1            |           |        |
| Streptacidiphilus melanogenes                      | 1            |           |        |
| Streptacidiphilus neutrinimicus                    | 1            |           |        |
| Streptacidiphilus oryzae                           | 1            |           |        |
| Streptacidiphilus rugosus                          | 1            |           |        |
| <b>Streptoalloteichus</b>                          |              |           |        |
| Streptoalloteichus hindustanus                     | 1            |           |        |
| Streptoalloteichus tenebrarius                     | 1            |           |        |
| <b>Streptobacillus</b>                             |              |           |        |
| Streptobacillus felis                              | 2            | t         | neu    |
| Streptobacillus hongkongensis                      | 2            |           | neu    |
| Streptobacillus moniliformis                       | 2            | Z         |        |
| Streptobacillus notomytis                          | 2            | Z         | neu    |
| <b>Streptococcus</b>                               |              |           |        |
| Streptococcus acidominimus                         | 2            | ht        |        |

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|--|--------------|-----------|--------|
| Streptococcus adjacens → Granulicatella adiacens                                 |              |           |        |
| Streptococcus agalactiae   | 2            | ht        |        |
| Streptococcus alactolyticus  | 1            |           |        |
| Streptococcus anginosus → Streptococcus anginosus subsp. anginosus               |              |           |        |
| Streptococcus anginosus subsp. anginosus (Streptococcus anginosus)               | 2            | ht        |        |
| Streptococcus anginosus subsp. whileyi   | 2            |           |        |
| Streptococcus australis  | 1            | +         | Bem.   |
| Streptococcus azizii   | 2            | t         | neu    |
| Streptococcus bovimastitidis   | 2            | t         | neu    |
| Streptococcus bovis – synonym: Streptococcus equinus                             |              |           |        |
| Streptococcus caballi  | 1            |           | neu    |
| Streptococcus canis  | 2            | Z         |        |
| Streptococcus caprinus – synonym: Streptococcus gallolyticus subsp. gallolyticus |              |           |        |
| Streptococcus casseliflavus → Enterococcus casseliflavus                         |              |           |        |
| Streptococcus castoreus  | 1            | t+        |        |
| Streptococcus caviae   | 1            |           | neu    |
| Streptococcus cecorum → Enterococcus cecorum                                     |              |           |        |
| Streptococcus constellatus subsp. constellatus                                   | 2            | ht        | Bem.   |
| Streptococcus constellatus subsp. pharyngis                                      | 2            |           |        |
| Streptococcus constellatus subsp. viborgensis                                    | 2            |           | neu    |
| Streptococcus cremoris → Lactococcus lactis subsp. cremoris                      |              |           |        |
| Streptococcus criceti  | 1            |           |        |
| Streptococcus cristatus  | 1            | +         |        |
| Streptococcus danieliae  | 1            |           |        |
| Streptococcus defectivus → Abiotrophia defectiva                                 |              |           |        |
| Streptococcus dentapri   | 1            |           |        |
| Streptococcus dentasini  | 1            |           | neu    |
| Streptococcus dentiloxodontae  | 1            |           | neu    |
| Streptococcus dentirousetti  | 2            | t         |        |
| Streptococcus dentisani → Streptococcus oralis subsp. dentisani                  |              |           | Umb.   |
| Streptococcus devriesei  | 2            | t         |        |
| Streptococcus didelphis  | 2            |           |        |
| Streptococcus difficilis – synonym: Streptococcus agalactiae                     |              |           |        |
| Streptococcus downei   | 1            |           |        |
| Streptococcus durans → Enterococcus durans                                       |              |           |        |
| Streptococcus dysgalactiae subsp. dysgalactiae                                   | 2            | ht        | Bem.   |
| Streptococcus dysgalactiae subsp. equisimilis                                    | 2            | ht        |        |
| Streptococcus entericus  | 1            | t+        |        |
| Streptococcus equi subsp. equi   | 2            | ht        |        |
| Streptococcus equi subsp. ruminatorum  | 2            | ht        |        |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| <i>Streptococcus equi</i> subsp. <i>zooepidemicus</i>   | 2            | ht        |        |
| <i>Streptococcus equinus</i>  | 2            | ht        |        |
| <i>Streptococcus faecalis</i> → <i>Enterococcus faecalis</i>  |              |           |        |
| <i>Streptococcus faecium</i> → <i>Enterococcus faecium</i>  |              |           |        |
| <i>Streptococcus ferus</i>  | 1            |           |        |
| <i>Streptococcus gallinaceus</i>  | 2            | Z         |        |
| <i>Streptococcus gallinarum</i> → <i>Enterococcus gallinarum</i>  |              |           |        |
| <i>Streptococcus gallolyticus</i> subsp. <i>gallolyticus</i>  | 2            | ht        |        |
| <i>Streptococcus gallolyticus</i> subsp. <i>macedonicus</i> ( <i>Streptococcus macedonicus</i> )                  | 1            |           |        |
| <i>Streptococcus gallolyticus</i> subsp. <i>pasteurianus</i> ( <i>Streptococcus pasteurianus</i> )                | 2            | ht        |        |
| <i>Streptococcus garvieae</i> → <i>Lactococcus garvieae</i>   |              |           |        |
| <i>Streptococcus gordonii</i>   | 2            |           |        |
| <i>Streptococcus halichoeri</i>   | 2            | ht        | neu    |
| <i>Streptococcus halotolerans</i>   | 1            |           | neu    |
| <i>Streptococcus hansenii</i> → <i>Blautia hansenii</i>   |              |           |        |
| <i>Streptococcus henryi</i>   | 1            | t+        | neu    |
| <i>Streptococcus hongkongensis</i>  | 1            | +         |        |
| <i>Streptococcus hyointestinalis</i>  | 1            |           |        |
| <i>Streptococcus hyovaginalis</i>   | 1            |           |        |
| <i>Streptococcus ictaluri</i>   | 2            | t         |        |
| <i>Streptococcus infantarius</i> subsp. <i>coli</i> → <i>Streptococcus lutetiensis</i>                            |              |           |        |
| <i>Streptococcus infantarius</i> subsp. <i>infantarius</i>  | 2            |           |        |
| <i>Streptococcus infantis</i>   | 1            | +         |        |
| <i>Streptococcus iniae</i>  | 2            | Z         |        |
| <i>Streptococcus intermedius</i>  | 2            | ht        |        |
| <i>Streptococcus intestinalis</i> – synonym: <i>Streptococcus alactolyticus</i>                                   |              |           |        |
| <i>Streptococcus lactarius</i>  | 1            |           |        |
| <i>Streptococcus lactis</i> → <i>Lactococcus lactis</i> subsp. <i>lactis</i>                                      |              |           | Umb.   |
| <i>Streptococcus lactis</i> subsp. <i>cremoris</i> → <i>Lactococcus lactis</i> subsp. <i>cremoris</i>             |              |           |        |
| <i>Streptococcus lactis</i> subsp. <i>diacetylactis</i> – synonym: <i>Lactococcus lactis</i> subsp. <i>lactis</i> |              |           |        |
| <i>Streptococcus lactis</i> → <i>Lactococcus lactis</i> subsp. <i>lactis</i>                                      |              |           |        |
| <i>Streptococcus loxodontisalivarius</i>  | 1            |           | neu    |
| <i>Streptococcus lutetiensis</i> ( <i>Streptococcus infantarius</i> subsp. <i>coli</i> )                          | 2            |           |        |
| <i>Streptococcus macacae</i>  | 1            |           |        |
| <i>Streptococcus macedonicus</i> → <i>Streptococcus gallolyticus</i> subsp. <i>macedonicus</i>                    |              |           |        |
| <i>Streptococcus marimammalium</i>  | 1            | t+        | neu    |
| <i>Streptococcus massiliensis</i>   | 1            | +         |        |
| <i>Streptococcus merionis</i>   | 1            |           |        |
| <i>Streptococcus minor</i>  | 1            |           |        |
| <i>Streptococcus mitis</i>  | 2            |           |        |

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| Spezies   | Risikogruppe | Bemerkung | Status    |
|---|--------------|-----------|-----------|
| Streptococcus morbillorum → Gemella morbillorum                             |              |           |           |
| Streptococcus mutans  | 2            |           |           |
| Streptococcus oligofermentans – synonym: Streptococcus cristatus            |              |           | Umb.      |
| Streptococcus oralis → Streptococcus oralis subsp. oralis                   |              |           | Umb.      |
| Streptococcus oralis subsp. dentisani (Streptococcus dentisani)             | 1            | +         | neu, Umb. |
| Streptococcus oralis subsp. oralis (Streptococcus oralis)                   | 2            |           | Umb.      |
| Streptococcus oralis subsp. tigurinus (Streptococcus tigurinus)             | 2            |           | Umb.      |
| Streptococcus orisasini   | 1            |           | neu       |
| Streptococcus orisratti   | 1            |           |           |
| Streptococcus orisuis   | 1            | t+        |           |
| Streptococcus ovis  | 2            | t         |           |
| Streptococcus ovuberis  | 1            | t+        | neu       |
| Streptococcus pantholopis   | 1            |           | neu       |
| Streptococcus parasanguinis   | 2            |           |           |
| Streptococcus parasuis  | 2            | t         | neu       |
| Streptococcus parauberis  | 2            | t         |           |
| Streptococcus parvulus → Atopobium parvulum                                 |              |           |           |
| Streptococcus pasteurianus → Streptococcus gallolyticus subsp. pasteurianus |              |           |           |
| Streptococcus peroris   | 1            | +         |           |
| Streptococcus phocae → Streptococcus phocae subsp. phocae                   |              |           |           |
| Streptococcus phocae subsp. phocae (Streptococcus phocae)                   | 2            | t         |           |
| Streptococcus phocae subsp. salmonis  | 2            | t         |           |
| Streptococcus plantarum → Lactococcus plantarum                             |              |           |           |
| Streptococcus pleomorphus → Faecalibacillus pleomorphus                     |              |           | Umb.      |
| Streptococcus pluranimalium   | 2            | t         |           |
| Streptococcus plurextorum   | 2            | t         |           |
| Streptococcus pneumoniae  | 2            | ht, T, V  | Bem.      |
| Streptococcus porci   | 2            | t         |           |
| Streptococcus porcinus  | 2            | ht        |           |
| Streptococcus porcorum  | 2            | t         |           |
| Streptococcus pseudopneumoniae  | 2            |           |           |
| Streptococcus pseudoporcinus  | 2            |           |           |
| Streptococcus pyogenes <sup>19</sup>  | 2            | T, Z      | Bem.      |
| Streptococcus raffinolactis → Lactococcus raffinolactis                     |              |           |           |
| Streptococcus ratti   | 1            |           |           |
| Streptococcus rubneri   | 1            |           |           |

<sup>19</sup> Das zoonotische Potenzial ist begrenzt und kommt offenbar nur dann zum Tragen, wenn infizierte Menschen zunächst den Erreger auf empfängliche Tiere (Kühe, Kamele) übertragen, die dann ihrerseits S. pyogenes auf den Menschen zurückübertragen können.

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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| <i>Streptococcus ruminantium</i>   | 2            | t         | neu    |
| <i>Streptococcus rupicaprae</i>  | 2            | t         |        |
| <i>Streptococcus saccharolyticus</i> → <i>Enterococcus saccharolyticus</i>   |              |           |        |
| <i>Streptococcus salivarius</i> ( <i>Streptococcus salivarius</i> subsp. <i>salivarius</i> )   | 2            | TA        |        |
| <i>Streptococcus salivarius</i> subsp. <i>salivarius</i> → <i>Streptococcus salivarius</i>   |              |           |        |
| <i>Streptococcus salivarius</i> subsp. <i>thermophilus</i> → <i>Streptococcus thermophilus</i>                                       |              |           |        |
| <i>Streptococcus saliviroxidantiae</i>   | 1            |           | neu    |
| <i>Streptococcus sanguinis</i>   | 2            |           |        |
| <i>Streptococcus shiloi</i> – synonym: <i>Streptococcus iniae</i>  |              |           |        |
| <i>Streptococcus sinensis</i>  | 2            |           |        |
| <i>Streptococcus sobrinus</i>  | 2            |           |        |
| <i>Streptococcus suis</i>  | 2            | Z         |        |
| <i>Streptococcus tangierensis</i>  | 1            |           | neu    |
| <i>Streptococcus thermophilus</i> ( <i>Streptococcus salivarius</i> subsp. <i>thermophilus</i> )                                     | 1            |           |        |
| <i>Streptococcus thoralensis</i>   | 1            |           |        |
| <i>Streptococcus tigurinus</i> → <i>Streptococcus oralis</i> subsp. <i>tigurinus</i>   |              |           | Umb.   |
| <i>Streptococcus troglodytae</i>   | 1            |           | neu    |
| <i>Streptococcus troglodytidis</i>   | 2            | t         |        |
| <i>Streptococcus uberis</i>  | 2            | ht        |        |
| <i>Streptococcus urinalis</i>  | 1            | +         |        |
| <i>Streptococcus ursoris</i>   | 1            |           | neu    |
| <i>Streptococcus vestibularis</i>  | 1            |           |        |
| <i>Streptococcus waius</i> – synonym: <i>Streptococcus macedonicus</i> → <i>Streptococcus gallolyticus</i> subsp. <i>macedonicus</i> |              |           |        |
| <b>Streptohalobacillus</b>   |              |           |        |
| <i>Streptohalobacillus salinus</i>   | 1            |           |        |
| <b>Streptomonospora</b>  |              |           |        |
| <i>Streptomonospora alba</i>   | 1            |           |        |
| <i>Streptomonospora algeriensis</i>  | 1            |           | neu    |
| <i>Streptomonospora amylolytica</i>  | 1            |           |        |
| <i>Streptomonospora arabica</i> ( <i>Nocardiopsis arabia</i> )   | 1            |           |        |
| <i>Streptomonospora flavalba</i>   | 1            |           |        |
| <i>Streptomonospora halophila</i>  | 1            |           |        |
| <i>Streptomonospora halotolerans</i>   | 1            |           | neu    |
| <i>Streptomonospora nanhaiensis</i>  | 1            |           |        |
| <i>Streptomonospora salina</i>   | 1            |           |        |
| <i>Streptomonospora sediminis</i>  | 1            |           |        |
| <i>Streptomonospora tuzyakensis</i>  | 1            |           | neu    |
| <b>Streptomyces</b>  |              |           |        |
| <i>Streptomyces abietis</i>  | 1            |           |        |
| <i>Streptomyces abikoensis</i> ( <i>Streptoverticillium abikoense</i> )  | 1            |           |        |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| <i>Streptomyces aburaviensis</i> → <i>Kitasatospora aburaviensis</i>  |              |           | Umb.   |
| <i>Streptomyces abyssalis</i>   | 1            |           |        |
| <i>Streptomyces achromogenes</i> subsp. <i>achromogenes</i>   | 1            |           |        |
| <i>Streptomyces achromogenes</i> subsp. <i>rubradiris</i>   | 1            |           |        |
| <i>Streptomyces acidiscabies</i>  | 1            | p         |        |
| <i>Streptomyces acrimycini</i> – synonym: <i>Streptomyces fimicarius</i>  |              |           |        |
| <i>Streptomyces actinomycinicus</i>   | 1            |           | neu    |
| <i>Streptomyces aculeolatus</i>   | 1            |           |        |
| <i>Streptomyces adustus</i>   | 1            |           | neu    |
| <i>Streptomyces afghanensis</i>   | 1            |           |        |
| <i>Streptomyces africanus</i>   | 1            |           |        |
| <i>Streptomyces aidingensis</i>   | 1            |           |        |
| <i>Streptomyces alanosinicus</i>  | 1            |           |        |
| <i>Streptomyces albaduncus</i>  | 1            |           |        |
| <i>Streptomyces albiaxialis</i>   | 1            |           |        |
| <i>Streptomyces albidochromogenes</i>   | 1            |           |        |
| <i>Streptomyces albidoflavus</i>  | 1            |           |        |
| <i>Streptomyces albiflavescens</i>  | 1            |           | neu    |
| <i>Streptomyces albiflaviniger</i>  | 1            |           |        |
| <i>Streptomyces albireticuli</i> ( <i>Streptovercillium albireticuli</i> ) – synonym: <i>Streptomyces eurocidicus</i>             |              |           |        |
| <i>Streptomyces albofaciens</i>   | 1            |           |        |
| <i>Streptomyces alboflavus</i>  | 1            |           |        |
| <i>Streptomyces albogriseolus</i>   | 1            |           |        |
| <i>Streptomyces albolongus</i> → <i>Kitasatospora albolongus</i>  |              |           | Umb.   |
| <i>Streptomyces alboniger</i>   | 1            |           |        |
| <i>Streptomyces albospinus</i>  | 1            |           |        |
| <i>Streptomyces albosporeus</i> subsp. <i>albosporeus</i> – synonym: <i>Streptomyces aurantiacus</i>                              |              |           |        |
| <i>Streptomyces albosporeus</i> subsp. <i>labilomyceticus</i>   | 1            |           |        |
| <i>Streptomyces alboverticillatus</i> ( <i>Streptovercillium alboverticillatum</i> ) – synonym: <i>Streptomyces griseocarneus</i> |              |           |        |
| <i>Streptomyces albovinaceus</i> – synonym: <i>Streptomyces globisporus</i> subsp. <i>globisporus</i>                             |              |           |        |
| <i>Streptomyces alboviridis</i> – synonym: <i>Streptomyces microflavus</i>  |              |           |        |
| <i>Streptomyces albulus</i>   | 1            |           |        |
| <i>Streptomyces albus</i> ( <i>Streptomyces albus</i> subsp. <i>albus</i> )   | 1            |           |        |
| <i>Streptomyces albus</i> subsp. <i>albus</i> → <i>Streptomyces albus</i>   |              |           |        |
| <i>Streptomyces albus</i> subsp. <i>pathocidicus</i> → <i>Streptomyces pathocidini</i>  |              |           |        |
| <i>Streptomyces aldersoniae</i>   | 1            |           |        |
| <i>Streptomyces alfalfae</i>  | 1            |           | neu    |
| <i>Streptomyces alkaliphilus</i>  | 1            |           | neu    |

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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| <i>Streptomyces alkalithermotolerans</i>   | 1            |           | neu    |
| <i>Streptomyces almquistii</i> – synonym: <i>Streptomyces albus</i>                                    |              |           |        |
| <i>Streptomyces alni</i>   | 1            |           |        |
| <i>Streptomyces althioticus</i>  | 1            |           |        |
| <i>Streptomyces amakusaensis</i>   | 1            |           |        |
| <i>Streptomyces ambofaciens</i>  | 1            |           |        |
| <i>Streptomyces aminophilus</i> – synonym: <i>Streptomyces cacaoi</i> subsp. <i>cacaoi</i>             |              |           |        |
| <i>Streptomyces amphoteriunicus</i>  | 1            |           | neu    |
| <i>Streptomyces amritsarensis</i>  | 1            |           | neu    |
| <i>Streptomyces anandii</i>  | 1            |           |        |
| <i>Streptomyces andamanensis</i>   | 1            |           | neu    |
| <i>Streptomyces angustmyceticus</i> ( <i>Streptomyces hygrosopicus</i> subsp. <i>angustmyceticus</i> ) | 1            |           |        |
| <i>Streptomyces anthocyanicus</i>  | 1            |           |        |
| <i>Streptomyces antibioticus</i>   | 1            |           |        |
| <i>Streptomyces antimycoticus</i>  | 1            |           |        |
| <i>Streptomyces anulatus</i>   | 1            |           |        |
| <i>Streptomyces aomiensis</i>  | 1            |           |        |
| <i>Streptomyces arabicus</i>   | 1            |           |        |
| <i>Streptomyces araujoniae</i>   | 1            |           |        |
| <i>Streptomyces arcticus</i>   | 1            |           | neu    |
| <i>Streptomyces arduus</i> ( <i>Streptoverticillium arduum</i> )                                       | 1            |           |        |
| <i>Streptomyces arenae</i>   | 1            |           |        |
| <i>Streptomyces argenteolus</i> – synonym: <i>Streptomyces griseus</i> subsp. <i>griseus</i>           |              |           |        |
| <i>Streptomyces aridus</i>   | 1            |           | neu    |
| <i>Streptomyces armeniacus</i> ( <i>Actinoplanes armeniacus</i> )                                      | 1            |           |        |
| <i>Streptomyces artemisiae</i>   | 1            |           |        |
| <i>Streptomyces ascomycinicus</i>  | 1            |           |        |
| <i>Streptomyces asenjonii</i>  | 1            |           | neu    |
| <i>Streptomyces asiaticus</i>  | 1            |           |        |
| <i>Streptomyces asterosporus</i>   | 1            |           |        |
| <i>Streptomyces atacamensis</i>  | 1            |           |        |
| <i>Streptomyces atratus</i>  | 1            |           |        |
| <i>Streptomyces atriruber</i>  | 2            | t         |        |
| <i>Streptomyces atroaurantiacus</i> → <i>Kitasatospora atroaurantiaca</i>                              |              |           |        |
| <i>Streptomyces atroolivaceus</i>  | 1            |           |        |
| <i>Streptomyces atrovirens</i>   | 1            |           |        |
| <i>Streptomyces aurantiacus</i>  | 1            |           |        |
| <i>Streptomyces aurantiogriseus</i>  | 1            |           |        |
| <i>Streptomyces auratus</i>  | 1            |           |        |
| <i>Streptomyces aureocirculatus</i>  | 1            |           |        |
| <i>Streptomyces aureofaciens</i> → <i>Kitasatospora aureofaciens</i>                                   |              |           | Umb.   |
| <i>Streptomyces aureorectus</i>  | 1            |           |        |



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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| <i>Streptomyces aureoversilis</i> ( <i>Streptoverticillium aureoversile</i> ) – synonym: <i>Streptomyces hiroshimensis</i> |              |           |        |
| <i>Streptomyces aureovercillatus</i>   | 1            |           |        |
| <i>Streptomyces aureus</i>   | 1            |           |        |
| <i>Streptomyces avellaneus</i>   | 1            |           |        |
| <i>Streptomyces avermectinius</i> – synonym: <i>Streptomyces avermitilis</i>   |              |           |        |
| <i>Streptomyces avermitilis</i>  | 1            |           |        |
| <i>Streptomyces avicenniae</i>   | 1            |           |        |
| <i>Streptomyces avidinii</i>   | 1            |           |        |
| <i>Streptomyces axinellae</i>  | 1            |           |        |
| <i>Streptomyces azaticus</i> → <i>Kitasatospora azatica</i>  |              |           |        |
| <i>Streptomyces azureus</i>  | 1            |           |        |
| <i>Streptomyces baarnensis</i> – synonym: <i>Streptomyces fimicarius</i>   |              |           |        |
| <i>Streptomyces bacillaris</i>   | 1            |           |        |
| <i>Streptomyces badius</i>   | 1            |           |        |
| <i>Streptomyces baldacii</i> ( <i>Streptoverticillium baldacii</i> ) – synonym: <i>Streptomyces hiroshimensis</i>          |              |           |        |
| <i>Streptomyces baliensis</i>  | 1            |           |        |
| <i>Streptomyces bambergiensis</i> – synonym: <i>Streptomyces prasinus</i>  |              |           | Umb.   |
| <i>Streptomyces bambusae</i>   | 1            |           | neu    |
| <i>Streptomyces bangladeshensis</i>  | 1            |           |        |
| <i>Streptomyces barkulensis</i>  | 1            |           |        |
| <i>Streptomyces beijiangensis</i>  | 1            |           |        |
| <i>Streptomyces bellus</i>   | 1            |           |        |
| <i>Streptomyces bikiniensis</i>  | 1            |           |        |
| <i>Streptomyces biverticillatus</i> – synonym: <i>Streptomyces hiroshimensis</i>   |              |           |        |
| <i>Streptomyces blastmyceticus</i> ( <i>Streptoverticillium blastmyceticum</i> )   | 1            |           |        |
| <i>Streptomyces bluensis</i>   | 1            |           |        |
| <i>Streptomyces bobili</i>   | 1            |           |        |
| <i>Streptomyces bohaiensis</i>   | 1            |           | neu    |
| <i>Streptomyces bottropensis</i>   | 1            |           |        |
| <i>Streptomyces brasiliensis</i> ( <i>Elytrosporangium brasiliense</i> )   | 1            |           |        |
| <i>Streptomyces brevispora</i>   | 1            |           |        |
| <i>Streptomyces bryophytorum</i>   | 1            |           | neu    |
| <i>Streptomyces bullii</i>   | 1            |           |        |
| <i>Streptomyces bungoensis</i>   | 1            |           |        |
| <i>Streptomyces burgazadensis</i>  | 1            |           | neu    |
| <i>Streptomyces cacaoi</i> subsp. <i>asoensis</i>  | 1            |           |        |
| <i>Streptomyces cacaoi</i> subsp. <i>cacaoi</i>  | 1            |           |        |
| <i>Streptomyces caelestis</i>  | 1            |           |        |
| <i>Streptomyces caeruleatus</i>  | 1            |           |        |
| <i>Streptomyces caeruleus</i> – synonym: <i>Actinoaloteichus cyanogriseus</i>  |              |           |        |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| <i>Streptomyces caldifontis</i>   | 1            |           | neu    |
| <i>Streptomyces calidiresistens</i>   | 1            |           | neu    |
| <i>Streptomyces californicus</i> – synonym: <i>Streptomyces puniceus</i>                                    |              |           |        |
| <i>Streptomyces calvus</i>  | 1            |           |        |
| <i>Streptomyces camponoticapitis</i>  | 1            |           | neu    |
| <i>Streptomyces canalis</i>   | 1            |           | neu    |
| <i>Streptomyces canarius</i>  | 1            |           |        |
| <i>Streptomyces canchipurensis</i> – synonym: <i>Streptomyces muensis</i>                                   |              |           | Umb.   |
| <i>Streptomyces candidus</i>  | 1            |           |        |
| <i>Streptomyces canescens</i>   | 1            |           |        |
| <i>Streptomyces cangkringensis</i>  | 1            |           |        |
| <i>Streptomyces caniferus</i>   | 1            |           |        |
| <i>Streptomyces canus</i>   | 1            |           | Umb.   |
| <i>Streptomyces capillispiralis</i>   | 1            |           |        |
| <i>Streptomyces capitiformicae</i>  | 1            |           | neu    |
| <i>Streptomyces capoamus</i>  | 1            |           |        |
| <i>Streptomyces capparidis</i>  | 1            |           | neu    |
| <i>Streptomyces carpaticus</i>  | 1            |           |        |
| <i>Streptomyces carpinensis</i> ( <i>Elytrosporangium carpinense</i> )                                      | 1            |           |        |
| <i>Streptomyces castelarensis</i> ( <i>Streptomyces rugersensis</i> subsp. <i>castelarensis</i> )           | 1            |           |        |
| <i>Streptomyces catbensis</i>   | 1            |           |        |
| <i>Streptomyces catenulae</i>   | 1            |           |        |
| <i>Streptomyces caviscabies</i> – synonym: <i>Streptomyces fimicarius</i>                                   |              |           |        |
| <i>Streptomyces cavourensis</i>   | 1            |           |        |
| <i>Streptomyces cavourensis</i> subsp. <i>cavourensis</i> → <i>Streptomyces cavourensis</i>                 |              |           |        |
| <i>Streptomyces cavourensis</i> subsp. <i>washingtonensis</i> – synonym: <i>Streptomyces cyaneofuscatus</i> |              |           |        |
| <i>Streptomyces cellostaticus</i>   | 1            |           |        |
| <i>Streptomyces celluloflavus</i>   | 1            |           |        |
| <i>Streptomyces cellulolyticus</i>  | 1            |           |        |
| <i>Streptomyces cellulosa</i>   | 1            |           |        |
| <i>Streptomyces cerasinus</i>   | 1            |           | neu    |
| <i>Streptomyces champavatii</i>   | 1            |           |        |
| <i>Streptomyces chartreusis</i>   | 1            |           |        |
| <i>Streptomyces chattanoogensis</i>   | 1            |           |        |
| <i>Streptomyces cheonanensis</i>  | 1            |           |        |
| <i>Streptomyces Chiangmaiensis</i>  | 1            |           |        |
| <i>Streptomyces chibaensis</i> – synonym: <i>Streptomyces corchorusii</i>                                   |              |           |        |
| <i>Streptomyces chilikensis</i>   | 1            |           |        |
| <i>Streptomyces chitinivorans</i>   | 1            |           | neu    |
| <i>Streptomyces chlorus</i>   | 1            |           |        |
| <i>Streptomyces chrestomyceticus</i>  | 1            |           |        |
| <i>Streptomyces chromofuscus</i>  | 1            |           |        |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| <i>Streptomyces chryseus</i>  | 1            |           |        |
| <i>Streptomyces chrysomallus</i> subsp. <i>chrysomallus</i><br>– synonym: <i>Streptomyces anulatus</i>  |              |           |        |
| <i>Streptomyces chrysomallus</i> subsp. <i>fumigatus</i> →<br><i>Kitasatospora fumigata</i>   |              |           | Umb.   |
| <i>Streptomyces chumphonensis</i>   | 1            |           | neu    |
| <i>Streptomyces cinereorectus</i> → <i>Kitasatospora ci-</i><br><i>nereorecta</i>   |              |           | Umb.   |
| <i>Streptomyces cinereoruber</i> subsp. <i>cinereoruber</i>   | 1            |           |        |
| <i>Streptomyces cinereoruber</i> subsp. <i>fructofermen-</i><br><i>tans</i>   | 1            |           |        |
| <i>Streptomyces cinereospinus</i>   | 1            |           |        |
| <i>Streptomyces cinereus</i> ( <i>Microellobosporia cine-</i><br><i>rea</i> )   | 1            |           |        |
| <i>Streptomyces cinerochromogenes</i>   | 1            |           |        |
| <i>Streptomyces cinnabargriseus</i>   | 1            |           | neu    |
| <i>Streptomyces cinnabarinus</i>  | 1            |           |        |
| <i>Streptomyces cinnamomensis</i>   | 1            |           |        |
| <i>Streptomyces cinnamoneus</i> subsp. <i>albosporus</i><br>( <i>Streptoverticillium cinnamoneum</i> subsp. <i>albo-</i><br><i>sporum</i> )   | 1            |           |        |
| <i>Streptomyces cinnamoneus</i> subsp. <i>cinnamoneus</i><br>( <i>Streptoverticillium cinnamoneum</i> subsp. <i>cinna-</i><br><i>moneum</i> ) | 1            |           |        |
| <i>Streptomyces cinnamoneus</i> subsp. <i>lanosus</i><br>( <i>Streptoverticillium cinnamoneum</i> subsp. <i>lano-</i><br><i>sum</i> )         | 1            |           |        |
| <i>Streptomyces cinnamoneus</i> subsp. <i>sparsus</i><br>( <i>Streptoverticillium cinnamoneum</i> subsp. <i>spar-</i><br><i>sum</i> )         | 1            |           |        |
| <i>Streptomyces cirratus</i>  | 1            |           |        |
| <i>Streptomyces ciscaucasicus</i> – synonym: <i>Strepto-</i><br><i>myces canus</i>  |              |           | Umb.   |
| <i>Streptomyces citreofluorescens</i> – synonym:<br><i>Streptomyces anulatus</i>  |              |           |        |
| <i>Streptomyces clavifer</i>  | 1            |           |        |
| <i>Streptomyces clavuligerus</i>  | 1            |           |        |
| <i>Streptomyces coacervatus</i>   | 1            |           |        |
| <i>Streptomyces cochleatus</i> → <i>Kitasatospora coch-</i><br><i>leata</i>   |              |           |        |
| <i>Streptomyces cocklensis</i>  | 1            |           |        |
| <i>Streptomyces coelestis</i>   | 1            |           |        |
| <i>Streptomyces coelicoflavus</i>   | 1            |           |        |
| <i>Streptomyces coelicolor</i>  | 1            |           |        |
| <i>Streptomyces coeruleoflavus</i>  | 1            |           |        |
| <i>Streptomyces coeruleofuscus</i>  | 1            |           |        |
| <i>Streptomyces coeruleoprunus</i>  | 1            |           |        |
| <i>Streptomyces coeruleorubidus</i>   | 1            |           |        |
| <i>Streptomyces coeruleus</i>   | 1            |           |        |
| <i>Streptomyces collinus</i>  | 1            |           |        |
| <i>Streptomyces colombiensis</i> – synonym: <i>Strepto-</i><br><i>myces lavendulae</i> subsp. <i>lavendulae</i>                               |              |           |        |
| <i>Streptomyces corchorusii</i>   | 1            |           |        |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| <i>Streptomyces costaricanus</i>  | 1            |           |        |
| <i>Streptomyces cremeus</i>   | 1            |           |        |
| <i>Streptomyces crystallinus</i>  | 1            |           |        |
| <i>Streptomyces curacoi</i>   | 1            |           |        |
| <i>Streptomyces cuspidosporus</i>   | 1            |           |        |
| <i>Streptomyces cyaneofuscatus</i>  | 1            |           |        |
| <i>Streptomyces cyaneus</i>   | 1            |           |        |
| <i>Streptomyces cyanoalbus</i> – synonym: <i>Streptomyces hirsutus</i>  |              |           | Umb.   |
| <i>Streptomyces cyslabdanicus</i>   | 1            |           | neu    |
| <i>Streptomyces cystargineus</i> = <i>Kitasatospora cystarginea</i>   | 1            |           |        |
| <i>Streptomyces daghestanicus</i>   | 1            |           |        |
| <i>Streptomyces daliensis</i>   | 1            |           |        |
| <i>Streptomyces daqingensis</i>   | 1            |           | neu    |
| <i>Streptomyces davaonensis</i>   | 1            |           | neu    |
| <i>Streptomyces deccanensis</i>   | 1            |           |        |
| <i>Streptomyces decoyicus</i> ( <i>Streptomyces hygroscopicus</i> subsp. <i>decoyicus</i> )                     | 1            |           |        |
| <i>Streptomyces demainii</i>  | 1            |           |        |
| <i>Streptomyces deserti</i>   | 1            |           |        |
| <i>Streptomyces diastaticus</i> subsp. <i>ardesiacus</i>  | 1            |           |        |
| <i>Streptomyces diastaticus</i> subsp. <i>diastaticus</i>   | 1            |           |        |
| <i>Streptomyces diastatochromogenes</i>   | 1            |           |        |
| <i>Streptomyces distallicus</i> – synonym: <i>Streptomyces netropsis</i>  |              |           |        |
| <i>Streptomyces djakartensis</i>  | 1            |           |        |
| <i>Streptomyces drozdowiczii</i>  | 1            |           |        |
| <i>Streptomyces durhamensis</i>   | 1            |           |        |
| <i>Streptomyces durmitorensis</i>   | 1            |           |        |
| <i>Streptomyces echinatus</i>   | 1            |           |        |
| <i>Streptomyces echinoruber</i>   | 1            |           |        |
| <i>Streptomyces ederensis</i>   | 1            |           |        |
| <i>Streptomyces ehimensis</i> ( <i>Streptoverticillium ehimense</i> ) – synonym: <i>Streptomyces abikoensis</i> |              |           |        |
| <i>Streptomyces emeiensis</i> – synonym: <i>Streptomyces prasinopilosus</i>                                     |              |           | Umb.   |
| <i>Streptomyces endophyticus</i>  | 1            |           |        |
| <i>Streptomyces endus</i> – synonym: <i>Streptomyces hygroscopicus</i> subsp. <i>hygroscopicus</i>              |              |           | Umb.   |
| <i>Streptomyces enissocaesilis</i>  | 1            |           |        |
| <i>Streptomyces erringtonii</i>   | 1            |           |        |
| <i>Streptomyces erumpens</i> – synonym: <i>Streptomyces griseus</i> subsp. <i>griseus</i>                       |              |           |        |
| <i>Streptomyces erythraeus</i> → <i>Saccharopolyspora erythraea</i>   |              |           |        |
| <i>Streptomyces erythrogriseus</i>  | 1            |           |        |
| <i>Streptomyces eurocidicus</i> ( <i>Streptoverticillium eurocidicum</i> )                                      | 1            |           |        |
| <i>Streptomyces europaeiscabiei</i>   | 1            | p         |        |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| <i>Streptomyces eurythermus</i>   | 1            |           |        |
| <i>Streptomyces exfoliatus</i>  | 1            |           |        |
| <i>Streptomyces fabae</i>   | 1            |           | neu    |
| <i>Streptomyces felleus</i>   | 1            |           |        |
| <i>Streptomyces fenghuangensis</i>  | 1            |           |        |
| <i>Streptomyces ferralitis</i>  | 1            |           |        |
| <i>Streptomyces fervens</i> subsp. <i>fervens</i> – synonym: <i>Streptomyces hirosimensis</i>   |              |           |        |
| <i>Streptomyces fervens</i> subsp. <i>melrosporus</i> – synonym: <i>Streptomyces hirosimensis</i>                                       |              |           |        |
| <i>Streptomyces filamentosus</i>  | 1            |           |        |
| <i>Streptomyces fildesensis</i>   | 1            |           |        |
| <i>Streptomyces filipinensis</i>  | 1            |           |        |
| <i>Streptomyces fimbriatus</i>  | 1            |           |        |
| <i>Streptomyces fimicarius</i> – synonym: <i>Streptomyces setonii</i>   |              |           |        |
| <i>Streptomyces finlayi</i>   | 1            |           |        |
| <i>Streptomyces flaveolus</i>   | 1            |           |        |
| <i>Streptomyces flaveus</i> ( <i>Microellobosporia flavea</i> )   | 1            |           |        |
| <i>Streptomyces flavidofuscus</i> – synonym: <i>Nocardopsis dassonvillei</i> subsp. <i>dassonvillei</i>                                 |              |           |        |
| <i>Streptomyces flavidovirens</i>   | 1            |           |        |
| <i>Streptomyces flaviscleroticus</i> ( <i>Chainia flava</i> ) – synonym: <i>Streptomyces minutiscleroticus</i>                          |              |           |        |
| <i>Streptomyces flavofungini</i>  | 1            |           |        |
| <i>Streptomyces flavofuscus</i> ( <i>Streptomyces globisporus</i> subsp. <i>flavofuscus</i> ) – synonym: <i>Streptomyces fimicarius</i> |              |           |        |
| <i>Streptomyces flavogriseus</i> – synonym: <i>Streptomyces flavovirens</i>   |              |           |        |
| <i>Streptomyces flavopersicus</i> – synonym: <i>Streptomyces netropsis</i>  |              |           |        |
| <i>Streptomyces flavotricini</i>  | 1            |           |        |
| <i>Streptomyces flavovariabilis</i>   | 1            |           |        |
| <i>Streptomyces flavovirens</i>   | 1            |           |        |
| <i>Streptomyces flavoviridis</i>  | 1            |           |        |
| <i>Streptomyces flocculus</i> – synonym: <i>Streptomyces albus</i>  |              |           |        |
| <i>Streptomyces floridae</i> – synonym: <i>Streptomyces puniceus</i>  |              |           |        |
| <i>Streptomyces fluorescens</i> – synonym: <i>Streptomyces anulatus</i>   |              |           |        |
| <i>Streptomyces formicae</i>  | 1            |           | neu    |
| <i>Streptomyces fractus</i>   | 1            |           | neu    |
| <i>Streptomyces fradiae</i>   | 1            |           |        |
| <i>Streptomyces fragilis</i>  | 1            |           |        |
| <i>Streptomyces fukangensis</i>   | 1            |           |        |
| <i>Streptomyces fulvissimus</i>   | 1            |           |        |
| <i>Streptomyces fulvorobeus</i>   | 1            |           |        |
| <i>Streptomyces fumanus</i>   | 1            |           |        |
| <i>Streptomyces fumigatiscleroticus</i> ( <i>Chainia fumigata</i> )   | 1            |           |        |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| <i>Streptomyces fuscichromogenes</i>  | 1            |           | neu    |
| <i>Streptomyces galbus</i>  | 1            |           |        |
| <i>Streptomyces galilaeus</i>   | 1            |           |        |
| <i>Streptomyces gamaensis</i>   | 1            |           | neu    |
| <i>Streptomyces gancidicus</i>  | 1            |           |        |
| <i>Streptomyces gardneri</i>  | 1            |           |        |
| <i>Streptomyces gelaticus</i>   | 1            |           |        |
| <i>Streptomyces geldanamycininus</i>  | 1            |           |        |
| <i>Streptomyces geysiriensis</i>  | 1            |           |        |
| <i>Streptomyces ghanaensis</i> – synonym: <i>Streptomyces viridosporus</i>  |              |           | Umb.   |
| <i>Streptomyces gibsonii</i> – synonym: <i>Streptomyces albus</i>   |              |           |        |
| <i>Streptomyces gilvifuscus</i>   | 1            |           | neu    |
| <i>Streptomyces glaucescens</i>   | 1            |           |        |
| <i>Streptomyces glauciniger</i>   | 1            |           |        |
| <i>Streptomyces glaucosporus</i>  | 1            |           |        |
| <i>Streptomyces glaucus</i>   | 1            |           |        |
| <i>Streptomyces globisporus</i> subsp. <i>caucasicus</i>  | 1            |           |        |
| <i>Streptomyces globisporus</i> subsp. <i>flavofuscus</i> → <i>Streptomyces flavofuscus</i> – synonym: <i>Streptomyces fimicarius</i> |              |           |        |
| <i>Streptomyces globisporus</i> subsp. <i>globisporus</i>   | 1            |           |        |
| <i>Streptomyces globosus</i>  | 1            |           |        |
| <i>Streptomyces glomeratus</i>  | 1            |           |        |
| <i>Streptomyces glomeroaurantiacus</i>  | 1            |           |        |
| <i>Streptomyces glycovorans</i>   | 1            |           |        |
| <i>Streptomyces gobitricini</i>   | 1            |           |        |
| <i>Streptomyces goshikiensis</i>  | 1            |           |        |
| <i>Streptomyces gougerotii</i>  | 1            |           |        |
| <i>Streptomyces gramineus</i>   | 1            |           |        |
| <i>Streptomyces gramineus</i>   | 1            |           |        |
| <i>Streptomyces graminifolii</i>  | 1            |           | neu    |
| <i>Streptomyces graminilatus</i>  | 1            |           |        |
| <i>Streptomyces graminisoli</i>   | 1            |           |        |
| <i>Streptomyces graminofaciens</i> – synonym: <i>Streptomyces halstedii</i>   |              |           |        |
| <i>Streptomyces griseiniger</i>   | 1            |           |        |
| <i>Streptomyces griseinus</i> – synonym: <i>Streptomyces globisporus</i> subsp. <i>globisporus</i>                                    |              |           |        |
| <i>Streptomyces griseoaurantiacus</i>   | 1            |           |        |
| <i>Streptomyces griseobrunneus</i> – synonym: <i>Streptomyces bacillaris</i>  |              |           |        |
| <i>Streptomyces griseocarneus</i> ( <i>Streptoverticillium griseocarneum</i> )  | 1            |           |        |
| <i>Streptomyces griseochromogenes</i>   | 1            |           |        |
| <i>Streptomyces griseoflavus</i>  | 1            |           |        |
| <i>Streptomyces griseofuscus</i>  | 1            |           |        |
| <i>Streptomyces griseoincarnatus</i>  | 1            |           |        |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| <i>Streptomyces griseoloalbus</i>   | 1            |           |        |
| <i>Streptomyces griseolosporeus</i> = <i>Kitasatospora griseola</i>   | 1            |           |        |
| <i>Streptomyces griseolus</i>   | 1            |           |        |
| <i>Streptomyces griseoluteus</i>  | 1            |           |        |
| <i>Streptomyces griseomycini</i>  | 1            |           |        |
| <i>Streptomyces griseoplanus</i>  | 1            |           |        |
| <i>Streptomyces griseorubens</i>  | 1            |           |        |
| <i>Streptomyces griseoruber</i>   | 1            |           |        |
| <i>Streptomyces griseorubiginosus</i>   | 1            |           |        |
| <i>Streptomyces griseosporeus</i>   | 1            |           |        |
| <i>Streptomyces griseostramineus</i>  | 1            |           |        |
| <i>Streptomyces griseovercillatus</i> ( <i>Streptovercillium griseovercillatum</i> ) – synonym: <i>Streptomyces cinnamoneus</i> subsp. <i>cinnamoneus</i> |              |           |        |
| <i>Streptomyces griseoviridis</i>   | 1            |           |        |
| <i>Streptomyces griseus</i> subsp. <i>alpha</i> – synonym: <i>Streptomyces microflavus</i>  |              |           |        |
| <i>Streptomyces griseus</i> subsp. <i>cretosus</i> – synonym: <i>Streptomyces microflavus</i>   |              |           |        |
| <i>Streptomyces griseus</i> subsp. <i>griseus</i>   | 1            | ht+       |        |
| <i>Streptomyces griseus</i> subsp. <i>solvifaciens</i>  | 1            |           |        |
| <i>Streptomyces guanduensis</i>   | 1            |           |        |
| <i>Streptomyces gulbargensis</i>  | 1            |           |        |
| <i>Streptomyces hachijoensis</i> ( <i>Streptovercillium hachijoense</i> ) – synonym: <i>Streptomyces cinnamoneus</i> subsp. <i>cinnamoneus</i>            |              |           |        |
| <i>Streptomyces hainanensis</i>   | 1            |           |        |
| <i>Streptomyces haliclona</i>   | 1            |           |        |
| <i>Streptomyces halophytocola</i>   | 1            |           |        |
| <i>Streptomyces halstedii</i>   | 1            |           |        |
| <i>Streptomyces harbinensis</i>   | 1            |           |        |
| <i>Streptomyces hawaiiensis</i>   | 1            |           |        |
| <i>Streptomyces hebeiensis</i>  | 1            |           |        |
| <i>Streptomyces heilongjiangensis</i>   | 1            |           |        |
| <i>Streptomyces heliomycini</i>   | 1            |           |        |
| <i>Streptomyces helveticus</i>  | 1            |           |        |
| <i>Streptomyces herbaceus</i>   | 1            |           |        |
| <i>Streptomyces herbaricolor</i> → <i>Kitasatospora herbaricolor</i>  |              |           | Umb.   |
| <i>Streptomyces himastatinicus</i>  | 1            |           |        |
| <i>Streptomyces hirosimensis</i> ( <i>Streptovercillium hirosimense</i> )   | 1            |           |        |
| <i>Streptomyces hirsutus</i>  | 1            |           |        |
| <i>Streptomyces hokutonensis</i>  | 1            |           | neu    |
| <i>Streptomyces hoynatensis</i>   | 1            |           |        |
| <i>Streptomyces humidus</i>   | 1            |           |        |
| <i>Streptomyces humiferus</i>   | 1            |           |        |
| <i>Streptomyces hundungensis</i>  | 1            |           |        |
| <i>Streptomyces hyaluromycini</i>   | 1            |           | neu    |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| <i>Streptomyces hyderabadensis</i>  | 1            |           |        |
| <i>Streptomyces hydrogenans</i>   | 1            |           |        |
| <i>Streptomyces hygrosopicus</i> subsp. <i>angustmyceticus</i> → <i>Streptomyces angustmyceticus</i>                    |              |           |        |
| <i>Streptomyces hygrosopicus</i> subsp. <i>decoyicus</i> → <i>Streptomyces decoyicus</i>                                |              |           |        |
| <i>Streptomyces hygrosopicus</i> subsp. <i>glebosus</i>   | 1            |           |        |
| <i>Streptomyces hygrosopicus</i> subsp. <i>hygrosopicus</i>   | 1            |           |        |
| <i>Streptomyces hygrosopicus</i> subsp. <i>ossamyceticus</i>  | 1            |           |        |
| <i>Streptomyces hypolithicus</i>  | 1            |           |        |
| <i>Streptomyces iakyrus</i>   | 1            |           |        |
| <i>Streptomyces iconiensis</i>  | 1            |           | neu    |
| <i>Streptomyces incanus</i>   | 1            |           |        |
| <i>Streptomyces indiaensis</i> ( <i>Streptosporangium indianense</i> )  | 1            |           |        |
| <i>Streptomyces indicus</i>   | 1            |           |        |
| <i>Streptomyces indigoferus</i>   | 1            |           |        |
| <i>Streptomyces indoligenes</i>   | 1            |           | neu    |
| <i>Streptomyces indonesiensis</i>   | 1            |           |        |
| <i>Streptomyces intermedius</i>   | 1            |           |        |
| <i>Streptomyces inusitatus</i>  | 1            |           |        |
| <i>Streptomyces ipomoeae</i>  | 1            |           |        |
| <i>Streptomyces iranensis</i>   | 1            |           |        |
| <i>Streptomyces janthinus</i>   | 1            |           |        |
| <i>Streptomyces javensis</i>  | 1            |           |        |
| <i>Streptomyces jeddahensis</i>   | 1            |           | neu    |
| <i>Streptomyces jietaisiensis</i>   | 1            |           |        |
| <i>Streptomyces jiujiangensis</i>   | 1            |           | neu    |
| <i>Streptomyces kaempferi</i>   | 1            |           |        |
| <i>Streptomyces kalpinensis</i>   | 1            |           | neu    |
| <i>Streptomyces kanamyceticus</i>   | 1            |           |        |
| <i>Streptomyces karpasiensis</i>  | 1            |           |        |
| <i>Streptomyces kashmirensis</i> ( <i>Streptoverticillium kashmirensis</i> ) – synonym: <i>Streptomyces lilacinus</i>   |              |           |        |
| <i>Streptomyces kasugaensis</i>   | 1            |           |        |
| <i>Streptomyces katrae</i>  | 1            |           |        |
| <i>Streptomyces kebangsaanensis</i>   | 1            |           |        |
| <i>Streptomyces kentuckensis</i> – synonym: <i>Streptomyces netropsis</i>   |              |           |        |
| <i>Streptomyces kifunensis</i> → <i>Kitasatospora kifunensis</i>  |              |           |        |
| <i>Streptomyces kishiwadensis</i> ( <i>Streptoverticillium kishiwadense</i> ) – synonym: <i>Streptomyces mashuensis</i> |              |           |        |
| <i>Streptomyces klenkii</i>   | 1            |           | neu    |
| <i>Streptomyces koyangensis</i>   | 1            |           |        |
| <i>Streptomyces kronopolitis</i>  | 1            |           | neu    |
| <i>Streptomyces krungchingensis</i>   | 1            |           | neu    |



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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| <i>Streptomyces kunmingensis</i> ( <i>Chainia kunmingensis</i> )                     | 1            |           |        |
| <i>Streptomyces kurssanovii</i>  | 1            |           |        |
| <i>Streptomyces labedae</i>  | 1            |           |        |
| <i>Streptomyces laceyi</i> – synonym: <i>Streptomyces niveus</i>                     |              |           |        |
| <i>Streptomyces lacrimifluminis</i>  | 1            |           | neu    |
| <i>Streptomyces lactacystinicus</i>  | 1            |           | neu    |
| <i>Streptomyces lacticiproducens</i>   | 1            |           |        |
| <i>Streptomyces laculatispora</i>  | 1            |           |        |
| <i>Streptomyces ladakanum</i> – synonym: <i>Streptomyces mobaraensis</i>             |              |           |        |
| <i>Streptomyces lanatus</i>  | 1            |           |        |
| <i>Streptomyces lannensis</i>  | 1            |           |        |
| <i>Streptomyces lasiicapitis</i>   | 1            |           | neu    |
| <i>Streptomyces lateritius</i>   | 1            |           |        |
| <i>Streptomyces laurentii</i>  | 1            |           |        |
| <i>Streptomyces lavendofoliae</i>  | 1            |           |        |
| <i>Streptomyces lavendulae</i> subsp. <i>grasserius</i>                              | 1            |           |        |
| <i>Streptomyces lavendulae</i> subsp. <i>lavendulae</i>                              | 1            |           |        |
| <i>Streptomyces lavenduligriseus</i> ( <i>Streptoverticillium lavenduligriseum</i> ) | 1            |           |        |
| <i>Streptomyces lavendulocolor</i>   | 1            |           |        |
| <i>Streptomyces leeuwenhoekii</i>  | 1            |           | neu    |
| <i>Streptomyces levis</i>  | 1            |           |        |
| <i>Streptomyces libani</i> subsp. <i>libani</i>                                      | 1            |           |        |
| <i>Streptomyces libani</i> subsp. <i>rufus</i>                                       | 1            |           |        |
| <i>Streptomyces lienomycini</i>  | 1            |           |        |
| <i>Streptomyces lilacinus</i> ( <i>Streptoverticillium lilacinum</i> )               | 1            |           |        |
| <i>Streptomyces limosus</i>  | 1            |           |        |
| <i>Streptomyces lincolnensis</i>   | 1            |           |        |
| <i>Streptomyces lipmanii</i> – synonym: <i>Streptomyces microflavus</i>              |              |           |        |
| <i>Streptomyces litmocidini</i>  | 1            |           |        |
| <i>Streptomyces litoralis</i>  | 1            |           | neu    |
| <i>Streptomyces lomondensis</i>  | 1            |           |        |
| <i>Streptomyces lonarensis</i>   | 1            |           | neu    |
| <i>Streptomyces longisporoflavus</i>   | 1            |           |        |
| <i>Streptomyces longispororuber</i>  | 1            |           |        |
| <i>Streptomyces longosporus</i>  | 1            |           |        |
| <i>Streptomyces longwoodensis</i>  | 1            |           |        |
| <i>Streptomyces lopnurensis</i>  | 1            |           | neu    |
| <i>Streptomyces lucensis</i>   | 1            |           |        |
| <i>Streptomyces lunaelactis</i>  | 1            |           | neu    |
| <i>Streptomyces lunalinharesii</i>   | 1            |           |        |
| <i>Streptomyces luridiscabiei</i> – synonym: <i>Streptomyces microflavus</i>         |              |           |        |
| <i>Streptomyces luridus</i>  | 1            |           |        |

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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| <i>Streptomyces lushanensis</i>  | 1            |           | neu    |
| <i>Streptomyces lusitanus</i>  | 1            |           |        |
| <i>Streptomyces luteireticuli</i>  | 1            |           |        |
| <i>Streptomyces luteogriseus</i>   | 1            |           |        |
| <i>Streptomyces luteosporus</i> ( <i>Streptoverticillium album</i> )   | 1            |           |        |
| <i>Streptomyces luteoverticillatus</i> ( <i>Streptoverticillium luteoverticillatum</i> ) – synonym: <i>Streptomyces abikoensis</i> |              |           |        |
| <i>Streptomyces luteus</i>   | 1            |           | neu    |
| <i>Streptomyces lydicus</i>  | 1            |           |        |
| <i>Streptomyces macrosporus</i>  | 1            |           |        |
| <i>Streptomyces malachitofuscus</i>  | 1            |           |        |
| <i>Streptomyces malachitospinus</i>  | 1            |           |        |
| <i>Streptomyces malaysiensis</i>   | 1            |           |        |
| <i>Streptomyces mangrovi</i>   | 1            |           | neu    |
| <i>Streptomyces marinus</i>  | 1            |           |        |
| <i>Streptomyces marokkonensis</i>  | 1            |           |        |
| <i>Streptomyces mashuensis</i> ( <i>Streptoverticillium mashuense</i> )  | 1            |           |        |
| <i>Streptomyces massasporeus</i>   | 1            |           |        |
| <i>Streptomyces matensis</i>   | 1            |           |        |
| <i>Streptomyces mauvecolor</i>   | 1            |           |        |
| <i>Streptomyces mayteni</i>  | 1            |           |        |
| <i>Streptomyces medicidicus</i> = <i>Kitasatospora medicidica</i>  | 1            |           |        |
| <i>Streptomyces mediolani</i> – synonym: <i>Streptomyces albovinaceus</i>  |              |           |        |
| <i>Streptomyces megasporus</i>   | 1            |           |        |
| <i>Streptomyces melanogenes</i> – synonym: <i>Streptomyces noboritoensis</i>   |              |           | Umb.   |
| <i>Streptomyces melanosporofaciens</i>   | 1            |           |        |
| <i>Streptomyces mexicanus</i>  | 1            |           |        |
| <i>Streptomyces michiganensis</i>  | 1            |           |        |
| <i>Streptomyces microflavus</i>  | 1            | p         |        |
| <i>Streptomyces milbemycinicus</i>   | 1            |           |        |
| <i>Streptomyces minutiscleroticus</i> ( <i>Chainia minutisclerotica</i> )  | 1            |           |        |
| <i>Streptomyces mirabilis</i>  | 1            |           |        |
| <i>Streptomyces misakiensis</i> → <i>Kitasatospora misakiensis</i>   |              |           | Umb.   |
| <i>Streptomyces misionensis</i>  | 1            |           |        |
| <i>Streptomyces mobaraensis</i> ( <i>Streptoverticillium mobaraense</i> )  | 1            |           |        |
| <i>Streptomyces monomycini</i>   | 1            |           |        |
| <i>Streptomyces mordarskii</i>   | 1            |           |        |
| <i>Streptomyces morookaensis</i> ( <i>Streptoverticillium morookaense</i> )  | 1            |           |        |
| <i>Streptomyces muensis</i>  | 1            |           |        |
| <i>Streptomyces murinus</i>  | 1            |           |        |
| <i>Streptomyces mutabilis</i>  | 1            |           |        |

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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| <i>Streptomyces mutomycini</i>   | 1            |           |        |
| <i>Streptomyces naganishii</i>   | 1            |           |        |
| <i>Streptomyces nanhaiensis</i>  | 1            |           |        |
| <i>Streptomyces nanningensis</i>   | 1            |           |        |
| <i>Streptomyces nanshensis</i>   | 1            |           |        |
| <i>Streptomyces narbonensis</i>  | 1            |           |        |
| <i>Streptomyces nashvillensis</i>  | 1            |           |        |
| <i>Streptomyces netropsis</i> ( <i>Streptoverticillium netropsis</i> )   | 1            |           |        |
| <i>Streptomyces neyagawaensis</i>  | 1            |           |        |
| <i>Streptomyces niger</i> ( <i>Chainia nigra</i> )   | 1            |           |        |
| <i>Streptomyces nigrescens</i>   | 1            |           |        |
| <i>Streptomyces nigrifaciens</i> – synonym: <i>Streptomyces flavovirens</i>  |              |           |        |
| <i>Streptomyces nitrosporeus</i>   | 1            |           |        |
| <i>Streptomyces niveiscabiei</i>   | 1            | p         |        |
| <i>Streptomyces niveoruber</i>   | 1            |           |        |
| <i>Streptomyces niveus</i> – synonym: <i>Streptomyces caeruleus</i>  |              |           |        |
| <i>Streptomyces noboritoensis</i>  | 1            |           |        |
| <i>Streptomyces nodosus</i>  | 1            |           |        |
| <i>Streptomyces nogalater</i>  | 1            |           |        |
| <i>Streptomyces nojiriensis</i>  | 1            |           |        |
| <i>Streptomyces noursei</i>  | 1            |           |        |
| <i>Streptomyces novaecaesareae</i>   | 1            |           |        |
| <i>Streptomyces ochraceiscleroticus</i> ( <i>Chainia ochracea</i> )  | 1            |           |        |
| <i>Streptomyces odonnellii</i>   | 1            |           | neu    |
| <i>Streptomyces odorifer</i>   | 1            |           |        |
| <i>Streptomyces olivaceiscleroticus</i> ( <i>Chainia olivacea</i> )  | 1            |           |        |
| <i>Streptomyces olivaceoviridis</i>  | 1            |           |        |
| <i>Streptomyces olivaceus</i>  | 1            |           |        |
| <i>Streptomyces olivicoloratus</i>   | 1            |           | neu    |
| <i>Streptomyces olivochromogenes</i>   | 1            |           |        |
| <i>Streptomyces olivomycini</i> ( <i>Streptoverticillium olivomycini</i> )   | 1            |           |        |
| <i>Streptomyces olivoreticuli</i> subsp. <i>cellulophilus</i> ( <i>Streptoverticillium olivoreticuli</i> subsp. <i>cellulophilum</i> ) – synonym: <i>Streptomyces abikoensis</i> |              |           |        |
| <i>Streptomyces olivoreticuli</i> subsp. <i>olivoreticuli</i> ( <i>Streptoverticillium olivoreticuli</i> subsp. <i>olivoreticuli</i> ) – synonym: <i>Streptomyces abikoensis</i> |              |           |        |
| <i>Streptomyces olivovercillatus</i> ( <i>Streptoverticillium olivovercillatum</i> )   | 1            |           |        |
| <i>Streptomyces olivoviridis</i> – synonym: <i>Streptomyces atroolivaceus</i>  |              |           |        |
| <i>Streptomyces omiyaensis</i>   | 1            |           |        |
| <i>Streptomyces orinoci</i> ( <i>Streptoverticillium orinoci</i> )   | 1            |           |        |
| <i>Streptomyces oryzae</i>   | 1            |           | neu    |
| <i>Streptomyces osmaniensis</i>  | 1            |           |        |

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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| <i>Streptomyces ovatisporus</i>  | 1            |           | neu    |
| <i>Streptomyces pactum</i>   | 1            |           |        |
| <i>Streptomyces palmae</i>   | 1            |           | neu    |
| <i>Streptomyces panacagri</i>  | 1            |           |        |
| <i>Streptomyces panaciradicis</i>  | 1            |           | neu    |
| <i>Streptomyces paracochleatus</i> → <i>Kitasatospora paracochleata</i>  |              |           |        |
| <i>Streptomyces paradoxus</i>  | 1            |           |        |
| <i>Streptomyces parvisporogenes</i> ( <i>Streptoverticillium parvisporogenes</i> ) – synonym: <i>Streptomyces abikoensis</i> |              |           |        |
| <i>Streptomyces parvulus</i>   | 1            |           |        |
| <i>Streptomyces parvus</i>   | 1            |           |        |
| <i>Streptomyces pathocidini</i> ( <i>Streptomyces albus</i> subsp. <i>pathocidicus</i> )                                     | 1            |           |        |
| <i>Streptomyces paucisporeus</i>   | 1            |           |        |
| <i>Streptomyces peucetius</i>  | 1            |           |        |
| <i>Streptomyces phaeochromogenes</i>   | 1            |           |        |
| <i>Streptomyces phaeofaciens</i>   | 1            |           |        |
| <i>Streptomyces phaeogriseichromatogenes</i>   | 1            |           |        |
| <i>Streptomyces phaeoluteichromatogenes</i>  | 1            |           |        |
| <i>Streptomyces phaeoluteigriseus</i>  | 1            |           |        |
| <i>Streptomyces phaeopurpureus</i> – synonym: <i>Streptomyces griseorubiginosus</i>  |              |           | Umb.   |
| <i>Streptomyces phaeoviridis</i>   | 1            |           |        |
| <i>Streptomyces pharetrae</i>  | 1            |           |        |
| <i>Streptomyces pharmamarensis</i>   | 1            |           |        |
| <i>Streptomyces phosalacineus</i> = <i>Kitasatospora phosalacinea</i>  | 1            |           |        |
| <i>Streptomyces phyllanthi</i>   | 1            |           | neu    |
| <i>Streptomyces phytohabitans</i>  | 1            |           |        |
| <i>Streptomyces pilosus</i>  | 1            |           |        |
| <i>Streptomyces pini</i>   | 1            |           | neu    |
| <i>Streptomyces platensis</i>  | 1            |           |        |
| <i>Streptomyces plicatus</i>   | 1            |           |        |
| <i>Streptomyces plumbiresistens</i>  | 1            |           |        |
| <i>Streptomyces pluricoloescens</i>  | 1            |           |        |
| <i>Streptomyces pluripotens</i>  | 1            |           | neu    |
| <i>Streptomyces polyantibioticus</i>   | 1            |           |        |
| <i>Streptomyces polychromogenes</i>  | 1            |           |        |
| <i>Streptomyces polygonati</i>   | 1            |           | neu    |
| <i>Streptomyces polymachus</i>   | 1            |           | neu    |
| <i>Streptomyces poonensis</i> ( <i>Chainia poonensis</i> )   | 1            |           |        |
| <i>Streptomyces praecox</i> – synonym: <i>Streptomyces anulatus</i>  |              |           |        |
| <i>Streptomyces prasinopilosus</i>   | 1            |           |        |
| <i>Streptomyces prasinosporus</i>  | 1            |           |        |
| <i>Streptomyces prasinus</i>   | 1            |           |        |
| <i>Streptomyces pratens</i>  | 1            |           |        |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| <i>Streptomyces pratensis</i>   | 1            |           |        |
| <i>Streptomyces prunicolor</i>  | 1            |           |        |
| <i>Streptomyces psammoticus</i> → <i>Kitasatospora psammotica</i>   |              |           | Umb.   |
| <i>Streptomyces pseudoechinosporus</i>  | 1            |           |        |
| <i>Streptomyces pseudogriseolus</i>   | 1            |           |        |
| <i>Streptomyces pseudovenezuelae</i>  | 1            |           |        |
| <i>Streptomyces pulveraceus</i>   | 1            |           |        |
| <i>Streptomyces puniceus</i>  | 1            |           |        |
| <i>Streptomyces puniscabiei</i>   | 1            | p         |        |
| <i>Streptomyces purpeofuscus</i> → <i>Kitasatospora purpeofusca</i>   |              |           | Umb.   |
| <i>Streptomyces purpurascens</i>  | 1            |           |        |
| <i>Streptomyces purpureus</i> ( <i>Kitasatoa purpurea</i> )   | 1            |           |        |
| <i>Streptomyces purpurogeneiscleroticus</i> ( <i>Chainia purpurogena</i> )  | 1            |           |        |
| <i>Streptomyces qinglanensis</i>  | 1            |           |        |
| <i>Streptomyces racemochromogenes</i>   | 1            |           |        |
| <i>Streptomyces radiopugnans</i>  | 1            |           |        |
| <i>Streptomyces rameus</i>  | 1            |           |        |
| <i>Streptomyces ramulosus</i>   | 1            |           |        |
| <i>Streptomyces rangoonensis</i> – synonym: <i>Streptomyces albus</i>   |              |           |        |
| <i>Streptomyces rapamycinicus</i>   | 1            |           |        |
| <i>Streptomyces recifensis</i>  | 1            |           |        |
| <i>Streptomyces rectiverticillatus</i> ( <i>Streptovercillium rectiverticillatum</i> ) – synonym: <i>Streptomyces hiroshimensis</i> |              |           |        |
| <i>Streptomyces rectiviolaceus</i>  | 1            |           |        |
| <i>Streptomyces regensis</i>  | 1            |           |        |
| <i>Streptomyces resistomycificus</i>  | 1            |           |        |
| <i>Streptomyces reticuliscabiei</i>   | 1            | p         |        |
| <i>Streptomyces rhizophilus</i>   | 1            |           |        |
| <i>Streptomyces rhizosphaericus</i>   | 1            |           |        |
| <i>Streptomyces rhizosphaerihabitans</i>  | 1            |           | neu    |
| <i>Streptomyces rimosus</i> subsp. <i>paromomycinus</i>   | 1            |           |        |
| <i>Streptomyces rimosus</i> subsp. <i>rimosus</i>   | 1            |           |        |
| <i>Streptomyces rishiriensis</i>  | 1            |           |        |
| <i>Streptomyces rochei</i>  | 1            |           |        |
| <i>Streptomyces roietensis</i>  | 1            |           | neu    |
| <i>Streptomyces rosealbus</i>   | 1            |           |        |
| <i>Streptomyces roseiscleroticus</i> ( <i>Chainia rosea</i> )   | 1            |           |        |
| <i>Streptomyces roseodiastaticus</i>  | 1            |           |        |
| <i>Streptomyces roseoflavus</i>   | 1            |           |        |
| <i>Streptomyces roseofulvus</i>   | 1            |           |        |
| <i>Streptomyces roseolilacinus</i>  | 1            |           |        |
| <i>Streptomyces roseolus</i>  | 1            |           |        |
| <i>Streptomyces roseosporus</i>   | 1            |           |        |

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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| Streptomyces roseovercillatus (Streptovercillium roseovercillatum) – synonym: Streptomyces hirosimensis                    |              |           |        |
| Streptomyces roseoviolaceus  | 1            |           |        |
| Streptomyces roseoviridis  | 1            |           |        |
| Streptomyces ruanii  | 1            |           |        |
| Streptomyces ruber (Chainia rubra)   | 1            |           |        |
| Streptomyces rubidus   | 1            |           |        |
| Streptomyces rubiginosohelvolus  | 1            |           |        |
| Streptomyces rubiginosus   | 1            |           |        |
| Streptomyces rubrisoli   | 1            |           | neu    |
| Streptomyces rubrogriseus  | 1            |           |        |
| Streptomyces rubrus  | 1            |           |        |
| Streptomyces rutgersensis subsp. castelarensis<br>→ Streptomyces castelarensis   |              |           |        |
| Streptomyces rutgersensis subsp. rutgersensis –<br>synonym: Streptomyces albidoflavus                                      |              |           |        |
| Streptomyces salmonis (Streptovercillium salm-<br>onis) – synonym: Streptomyces hirosimensis                               |              |           |        |
| Streptomyces sampsonii   | 1            |           |        |
| Streptomyces samsunensis   | 1            |           |        |
| Streptomyces sanglieri   | 1            |           |        |
| Streptomyces sannanensis   | 1            |           |        |
| Streptomyces sanyensis   | 1            |           |        |
| Streptomyces sapporonensis (Streptovercillium<br>sapporonense) – synonym: Streptomyces cinna-<br>moneus subsp. cinnamoneus |              |           |        |
| Streptomyces sasae   | 1            |           | neu    |
| Streptomyces scabiei   | 1            | p         |        |
| Streptomyces scabrisporus  | 1            |           |        |
| Streptomyces sclerotialus  | 1            |           |        |
| Streptomyces scopiformis   | 1            |           |        |
| Streptomyces scopuliridis  | 1            |           |        |
| Streptomyces sedi  | 1            |           |        |
| Streptomyces seoulensis  | 1            |           |        |
| Streptomyces septatus (Streptovercillium septa-<br>tum) – synonym: Streptomyces griseocarneus                              |              |           |        |
| Streptomyces seranimatus   | 1            |           |        |
| Streptomyces setae = Kitasatospora setae   | 1            |           |        |
| Streptomyces setonii   | 1            | p         |        |
| Streptomyces seymenliensis   | 1            |           | neu    |
| Streptomyces shaanxiensis  | 1            |           |        |
| Streptomyces shenzhenensis   | 1            |           |        |
| Streptomyces showdoensis   | 1            |           |        |
| Streptomyces siamensis   | 1            |           | neu    |
| Streptomyces silaceus  | 2            | t         |        |
| Streptomyces similanensis  | 1            |           | neu    |
| Streptomyces sindenensis   | 1            |           |        |
| Streptomyces sioyaensis  | 1            |           |        |

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|---|--------------|-----------|--------|
| <i>Streptomyces smyrnaeus</i>   | 1            |           | neu    |
| <i>Streptomyces sodiiphilus</i>   | 1            |           |        |
| <i>Streptomyces solisilvae</i>  | 1            |           | neu    |
| <i>Streptomyces somaliensis</i>   | 2            |           |        |
| <i>Streptomyces sparsogenes</i>   | 1            |           |        |
| <i>Streptomyces sparsus</i>   | 1            |           |        |
| <i>Streptomyces specialis</i>   | 1            |           |        |
| <i>Streptomyces spectabilis</i>   | 1            |           |        |
| <i>Streptomyces speibonae</i>   | 1            |           |        |
| <i>Streptomyces speleomycini</i>  | 1            |           |        |
| <i>Streptomyces spheroides</i> – synonym: <i>Streptomyces niveus</i>  |              |           |        |
| <i>Streptomyces spinoverrucosus</i>   | 1            |           |        |
| <i>Streptomyces spiralis</i> ( <i>Elytrosporangium spirale</i> )  | 1            |           |        |
| <i>Streptomyces spiroverticillatus</i>  | 1            |           |        |
| <i>Streptomyces spitsbergensis</i> – synonym: <i>Streptomyces hirosimensis</i>                                  |              |           |        |
| <i>Streptomyces spongiae</i>  | 1            |           |        |
| <i>Streptomyces spongiicola</i>   | 1            |           | neu    |
| <i>Streptomyces sporocinereus</i> – synonym: <i>Streptomyces hygrosopicus</i> subsp. <i>hygrosopicus</i>        |              |           | Umb.   |
| <i>Streptomyces sporoclivatus</i> – synonym: <i>Streptomyces melanosporofaciens</i>                             |              |           |        |
| <i>Streptomyces spororaveus</i>   | 1            |           |        |
| <i>Streptomyces sporoverrucosus</i>   | 1            |           |        |
| <i>Streptomyces staurosporininus</i>  | 1            |           |        |
| <i>Streptomyces stelliscabiei</i>   | 1            | p         |        |
| <i>Streptomyces stramineus</i>  | 1            |           |        |
| <i>Streptomyces subrutilus</i>  | 1            |           |        |
| <i>Streptomyces sulfonofaciens</i>  | 1            |           |        |
| <i>Streptomyces sulphureus</i>  | 1            |           |        |
| <i>Streptomyces sundarbansensis</i>   | 1            |           |        |
| <i>Streptomyces synnematoformans</i>  | 1            |           |        |
| <i>Streptomyces syringium</i> ( <i>Streptoverticillium syringium</i> ) – synonym: <i>Streptomyces netropsis</i> |              |           |        |
| <i>Streptomyces tacrolimicus</i>  | 1            |           |        |
| <i>Streptomyces tanashiensis</i>  | 1            |           |        |
| <i>Streptomyces tateyamensis</i>  | 1            |           |        |
| <i>Streptomyces tauricus</i>  | 1            |           |        |
| <i>Streptomyces tendae</i>  | 1            |           |        |
| <i>Streptomyces termitum</i>  | 1            |           |        |
| <i>Streptomyces thermoalcalitolerans</i>  | 1            |           |        |
| <i>Streptomyces thermoautotrophicus</i>   | 1            |           |        |
| <i>Streptomyces thermocarboxydovorans</i>   | 1            |           |        |
| <i>Streptomyces thermocarboxydus</i>  | 1            |           |        |
| <i>Streptomyces thermocoprophilus</i>   | 1            |           |        |
| <i>Streptomyces thermodiastaticus</i>   | 1            |           |        |
| <i>Streptomyces thermogriseus</i>   | 1            |           |        |

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|--|--------------|-----------|--------|
| <i>Streptomyces thermolineatus</i>   | 1            |           |        |
| <i>Streptomyces thermonitrificans</i> – synonym:<br><i>Streptomyces thermovulgaris</i>                                       |              |           |        |
| <i>Streptomyces thermospinosporus</i>  | 1            |           |        |
| <i>Streptomyces thermoviolaceus</i> subsp. <i>apingens</i>   | 1            |           |        |
| <i>Streptomyces thermoviolaceus</i> subsp. <i>thermoviolaceus</i>  | 1            |           |        |
| <i>Streptomyces thermovulgaris</i>   | 1            |           |        |
| <i>Streptomyces thinghirensis</i>  | 1            |           |        |
| <i>Streptomyces thioluteus</i> ( <i>Streptovercillium thiouteum</i> )  | 1            |           |        |
| <i>Streptomyces torulosus</i>  | 1            |           |        |
| <i>Streptomyces toxytricini</i>  | 1            |           |        |
| <i>Streptomyces tremellae</i>  | 1            |           | neu    |
| <i>Streptomyces tricolor</i>   | 1            |           |        |
| <i>Streptomyces tritolerans</i>  | 1            |           |        |
| <i>Streptomyces tsukubensis</i>  | 1            |           |        |
| <i>Streptomyces tubercidicus</i>   | 1            |           |        |
| <i>Streptomyces tuius</i>  | 1            |           |        |
| <i>Streptomyces tunisiensis</i>  | 1            |           |        |
| <i>Streptomyces turgidiscabies</i>   | 1            | p         |        |
| <i>Streptomyces tyrosinilyticus</i>  | 1            |           | neu    |
| <i>Streptomyces umbrinus</i>   | 1            |           |        |
| <i>Streptomyces variabilis</i>   | 1            |           |        |
| <i>Streptomyces variegatus</i>   | 1            |           |        |
| <i>Streptomyces varsoviensis</i>   | 1            |           |        |
| <i>Streptomyces vastus</i>   | 1            |           |        |
| <i>Streptomyces venezuelae</i>   | 1            |           |        |
| <i>Streptomyces verrucosisorus</i>   | 1            |           | neu    |
| <i>Streptomyces vietnamensis</i>   | 1            |           |        |
| <i>Streptomyces vinaceus</i>   | 1            |           |        |
| <i>Streptomyces vinaceusdrappus</i>  | 1            |           |        |
| <i>Streptomyces violaceochromogenes</i>  | 1            |           |        |
| <i>Streptomyces violaceolatus</i>  | 1            |           |        |
| <i>Streptomyces violaceorectus</i>   | 1            |           |        |
| <i>Streptomyces violaceoruber</i>  | 1            |           |        |
| <i>Streptomyces violaceorubidus</i>  | 1            |           |        |
| <i>Streptomyces violaceus</i>  | 1            |           |        |
| <i>Streptomyces violaceusniger</i>   | 1            |           |        |
| <i>Streptomyces violarus</i>   | 1            |           |        |
| <i>Streptomyces violascens</i>   | 1            |           |        |
| <i>Streptomyces violatus</i> – synonym: <i>Streptomyces violaceus</i>  |              |           |        |
| <i>Streptomyces violens</i> ( <i>Chainia violens</i> )   | 1            |           |        |
| <i>Streptomyces virens</i>   | 1            |           |        |
| <i>Streptomyces virginiae</i>  | 1            |           |        |
| <i>Streptomyces viridiflavus</i> ( <i>Streptovercillium viridoflavum</i> ) – synonym: <i>Streptomyces olivovercillilatus</i> |              |           |        |



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|---|--------------|-----------|--------|
| <i>Streptomyces viridis</i>   | 1            |           |        |
| <i>Streptomyces viridiviolaceus</i>   | 1            |           |        |
| <i>Streptomyces viridobrunneus</i>  | 1            |           |        |
| <i>Streptomyces viridochromogenes</i>   | 1            |           |        |
| <i>Streptomyces viridodiastaticus</i>   | 1            |           |        |
| <i>Streptomyces viridosporus</i>  | 1            |           |        |
| <i>Streptomyces vitaminophilus</i> ( <i>Actinosporangium vitaminophilum</i> ) | 1            |           |        |
| <i>Streptomyces wedmorensis</i>   | 1            |           |        |
| <i>Streptomyces wellingtoniae</i>   | 1            |           |        |
| <i>Streptomyces werraensis</i>  | 1            |           |        |
| <i>Streptomyces willmorei</i> – synonym: <i>Streptomyces microflavus</i>      |              |           |        |
| <i>Streptomyces wuyuanensis</i>   | 1            |           |        |
| <i>Streptomyces xanthochromogenes</i>   | 1            |           |        |
| <i>Streptomyces xanthocidicus</i>   | 1            |           |        |
| <i>Streptomyces xantholiticus</i>   | 1            |           |        |
| <i>Streptomyces xanthophaeus</i>  | 1            |           |        |
| <i>Streptomyces xiamenensis</i>   | 1            |           |        |
| <i>Streptomyces xiaopingdaonensis</i>   | 1            |           | neu    |
| <i>Streptomyces xinghaiensis</i>  | 1            |           |        |
| <i>Streptomyces xishensis</i>   | 1            |           |        |
| <i>Streptomyces xylanilyticus</i>   | 1            |           | neu    |
| <i>Streptomyces yaanensis</i>   | 1            |           |        |
| <i>Streptomyces yanglinensis</i>  | 1            |           |        |
| <i>Streptomyces yangpuensis</i>   | 1            |           | neu    |
| <i>Streptomyces yanii</i>   | 1            |           |        |
| <i>Streptomyces yatensis</i>  | 1            |           |        |
| <i>Streptomyces yeochonensis</i>  | 1            |           |        |
| <i>Streptomyces yerevanensis</i>  | 1            |           |        |
| <i>Streptomyces yogyakartensis</i>  | 1            |           |        |
| <i>Streptomyces yokosukanensis</i>  | 1            |           |        |
| <i>Streptomyces youssoufiensis</i>  | 1            |           |        |
| <i>Streptomyces yunnanensis</i>   | 1            |           |        |
| <i>Streptomyces zagrosensis</i>   | 1            |           | neu    |
| <i>Streptomyces zaomyceticus</i>  | 1            |           |        |
| <i>Streptomyces zhaozhouensis</i>   | 1            |           |        |
| <i>Streptomyces zhihengii</i>   | 1            |           | neu    |
| <i>Streptomyces zinciresistens</i>  | 1            |           |        |
| <i>Streptomyces ziwulingensis</i>   | 1            |           |        |
| <b>Streptosporangium</b>  |              |           |        |
| <i>Streptosporangium albidum</i> → <i>Kutzneria albida</i>                    |              |           |        |
| <i>Streptosporangium album</i>  | 1            |           |        |
| <i>Streptosporangium algeriense</i>   | 1            |           | neu    |
| <i>Streptosporangium amethystogenes</i> subsp. <i>amethystogenes</i>          | 1            |           |        |
| <i>Streptosporangium amethystogenes</i> subsp. <i>fukuiense</i>               | 1            |           |        |

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|--|--------------|-----------|--------|
| <i>Streptosporangium anatoliense</i>   | 1            |           |        |
| <i>Streptosporangium becharensense</i>   | 1            |           | neu    |
| <i>Streptosporangium canum</i>   | 1            |           |        |
| <i>Streptosporangium carneum</i>   | 1            |           |        |
| <i>Streptosporangium claviforme</i> – synonym: <i>Herbidospora cretacea</i>                        |              |           |        |
| <i>Streptosporangium corrugatum</i> → <i>Acrocarpus corrugata</i>                                  |              |           |        |
| <i>Streptosporangium corydalis</i>   | 1            |           | neu    |
| <i>Streptosporangium fenghuangense</i>   | 1            |           | neu    |
| <i>Streptosporangium fragile</i>   | 1            |           |        |
| <i>Streptosporangium indianense</i> → <i>Streptomyces indiaensis</i>                               |              |           |        |
| <i>Streptosporangium jiaoheense</i>  | 1            |           | neu    |
| <i>Streptosporangium jomthongense</i>  | 1            |           | neu    |
| <i>Streptosporangium longisporum</i>   | 1            |           |        |
| <i>Streptosporangium lutulentum</i>  | 1            |           | neu    |
| <i>Streptosporangium nanhuense</i>   | 1            |           | neu    |
| <i>Streptosporangium nondiastaticum</i>  | 1            |           |        |
| <i>Streptosporangium oxazolinicum</i>  | 1            |           |        |
| <i>Streptosporangium pseudovulgare</i>   | 1            |           |        |
| <i>Streptosporangium purpuratum</i>  | 1            |           |        |
| <i>Streptosporangium roseum</i> – synonym: <i>Streptomyces indiaensis</i>                          |              |           |        |
| <i>Streptosporangium saharensense</i>  | 1            |           | neu    |
| <i>Streptosporangium sandarakinum</i>  | 1            |           |        |
| <i>Streptosporangium shengliense</i>   | 1            |           | neu    |
| <i>Streptosporangium subroseum</i>   | 1            |           |        |
| <i>Streptosporangium taraxaci</i>  | 1            |           | neu    |
| <i>Streptosporangium terrae</i>  | 1            |           | neu    |
| <i>Streptosporangium violaceochromogenes</i> – synonym: <i>Streptomyces indiaensis</i>             |              |           |        |
| <i>Streptosporangium viridialbum</i> → <i>Sphaerosporangium viridialbum</i>                        |              |           |        |
| <i>Streptosporangium viridogriseum</i> subsp. <i>kofuense</i> → <i>Kutzneria kofuensis</i>         |              |           |        |
| <i>Streptosporangium viridogriseum</i> subsp. <i>viridogriseum</i> → <i>Kutzneria viridogrisea</i> |              |           |        |
| <i>Streptosporangium vulgare</i>   | 1            |           |        |
| <i>Streptosporangium yunnanense</i>  | 1            |           |        |
| <b>Streptoverticillium</b> → <b>Streptomyces</b>   |              |           |        |
| <i>Streptoverticillium abikoense</i> → <i>Streptomyces abikoensis</i>                              |              |           |        |
| <i>Streptoverticillium albireticuli</i> → <i>Streptomyces albireticuli</i>                         |              |           |        |
| <i>Streptoverticillium alboverticillatum</i> → <i>Streptomyces alboverticillatus</i>               |              |           |        |
| <i>Streptoverticillium album</i> → <i>Streptomyces luteosporus</i>                                 |              |           |        |
| <i>Streptoverticillium arduum</i> → <i>Streptomyces arduus</i>                                     |              |           |        |

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|--|--------------|-----------|--------|
| <i>Streptovercillium aureoversile</i> → <i>Streptomyces aureoversilis</i>  |              |           |        |
| <i>Streptovercillium baldaccii</i> → <i>Streptomyces roseovercillatus</i>  |              |           |        |
| <i>Streptovercillium biverticillatum</i> → <i>Streptomyces roseovercillatus</i>  |              |           |        |
| <i>Streptovercillium blastmyceticum</i> → <i>Streptomyces blastmyceticus</i>   |              |           |        |
| <i>Streptovercillium cinnamoneum</i> subsp. <i>albosporum</i> → <i>Streptomyces cinnamoneus</i> subsp. <i>albosporus</i>   |              |           |        |
| <i>Streptovercillium cinnamoneum</i> subsp. <i>cinnamoneum</i> → <i>Streptomyces cinnamoneus</i> subsp. <i>cinnamoneus</i> |              |           |        |
| <i>Streptovercillium cinnamoneum</i> subsp. <i>lanosum</i> → <i>Streptomyces cinnamoneus</i> subsp. <i>lanosus</i>         |              |           |        |
| <i>Streptovercillium cinnamoneum</i> subsp. <i>sparsus</i> → <i>Streptomyces cinnamoneus</i> subsp. <i>sparsus</i>         |              |           |        |
| <i>Streptovercillium distallicum</i> → <i>Streptomyces netropsis</i>   |              |           |        |
| <i>Streptovercillium ehimense</i> → <i>Streptomyces ehimensis</i>  |              |           |        |
| <i>Streptovercillium eurocidicum</i> → <i>Streptomyces eurocidicus</i>   |              |           |        |
| <i>Streptovercillium fervens</i> subsp. <i>fervens</i> → <i>Streptomyces roseovercillatus</i>                              |              |           |        |
| <i>Streptovercillium fervens</i> subsp. <i>melrosporus</i> → <i>Streptomyces roseovercillatus</i>                          |              |           |        |
| <i>Streptovercillium flavopersicum</i> → <i>Streptomyces netropsis</i>   |              |           |        |
| <i>Streptovercillium griseocarneum</i> → <i>Streptomyces griseocarneus</i>   |              |           |        |
| <i>Streptovercillium griseovercillatum</i> → <i>Streptomyces griseovercillatus</i>   |              |           |        |
| <i>Streptovercillium hachijoense</i> → <i>Streptomyces hachijoensis</i>  |              |           |        |
| <i>Streptovercillium hiroschimense</i> → <i>Streptomyces hiroschimensis</i>  |              |           |        |
| <i>Streptovercillium kashmirensis</i> → <i>Streptomyces kashmirensis</i>   |              |           |        |
| <i>Streptovercillium kentuckense</i> → <i>Streptomyces netropsis</i>   |              |           |        |
| <i>Streptovercillium kishiwadense</i> → <i>Streptomyces kishiwadensis</i>  |              |           |        |
| <i>Streptovercillium ladakanum</i> → <i>Streptomyces mobaraensis</i>   |              |           |        |
| <i>Streptovercillium lavenduligriseum</i> → <i>Streptomyces lavenduligriseus</i>   |              |           |        |
| <i>Streptovercillium lilacinum</i> → <i>Streptomyces lilacinus</i>   |              |           |        |
| <i>Streptovercillium luteovercillatum</i> → <i>Streptomyces luteovercillatus</i>   |              |           |        |
| <i>Streptovercillium mashuense</i> → <i>Streptomyces mashuensis</i>  |              |           |        |
| <i>Streptovercillium mobaraense</i> → <i>Streptomyces mobaraensis</i>  |              |           |        |

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|---|--------------|-----------|--------|
| <i>Streptovercillium morookaense</i> → <i>Streptomyces morookaensis</i>   |              |           |        |
| <i>Streptovercillium netropsis</i> → <i>Streptomyces netropsis</i>  |              |           |        |
| <i>Streptovercillium olivomycini</i> → <i>Streptomyces olivomycini</i>  |              |           |        |
| <i>Streptovercillium olivoreticuli</i> subsp. <i>cellulo-philum</i> → <i>Streptomyces olivoreticuli</i> subsp. <i>cellulophilus</i> |              |           |        |
| <i>Streptovercillium olivoreticuli</i> subsp. <i>olivoreticuli</i> → <i>Streptomyces olivoreticuli</i> subsp. <i>olivoreticuli</i>  |              |           |        |
| <i>Streptovercillium olivoverticillatum</i> → <i>Streptomyces olivoverticillatus</i>  |              |           |        |
| <i>Streptovercillium orinoci</i> → <i>Streptomyces orinoci</i>  |              |           |        |
| <i>Streptovercillium parvisporogenes</i> → <i>Streptomyces parvisporogenes</i>  |              |           |        |
| <i>Streptovercillium rectiverticillatum</i> → <i>Streptomyces rectiverticillatus</i>  |              |           |        |
| <i>Streptovercillium roseovercillatum</i> → <i>Streptomyces roseovercillatus</i>  |              |           |        |
| <i>Streptovercillium salmonis</i> → <i>Streptomyces salmonis</i>  |              |           |        |
| <i>Streptovercillium sapporonense</i> → <i>Streptomyces sapporonensis</i>   |              |           |        |
| <i>Streptovercillium septatum</i> → <i>Streptomyces septatus</i>  |              |           |        |
| <i>Streptovercillium syringium</i> → <i>Streptomyces syringium</i>  |              |           |        |
| <i>Streptovercillium thioluteum</i> → <i>Streptomyces thioluteus</i>  |              |           |        |
| <i>Streptovercillium viridiflavum</i> → <i>Streptomyces viridiflavus</i>  |              |           |        |
| <b>Stygiolobus</b>  |              |           |        |
| <i>Stygiolobus azoricus</i>   | 1            |           |        |
| <b>Subdoligranulum</b>  |              |           |        |
| <i>Subdoligranulum variabile</i>  | 1            |           |        |
| <b>Subsaxibacter</b>  |              |           |        |
| <i>Subsaxibacter arcticus</i>   | 1            |           | neu    |
| <i>Subsaxibacter broadyi</i>  | 1            |           |        |
| <b>Subsaximicrobium</b>   |              |           |        |
| <i>Subsaximicrobium saxinquilinus</i>   | 1            |           |        |
| <i>Subsaximicrobium wynnwiliamsii</i>   | 1            |           |        |
| <b>Subtercola</b>   |              |           |        |
| <i>Subtercola boreus</i>  | 1            |           |        |
| <i>Subtercola frigoramans</i>   | 1            |           |        |
| <i>Subtercola lobariae</i>  | 1            |           | neu    |
| <i>Subtercola pratensis</i> → <i>Agreia pratensis</i>   |              |           |        |
| <b>Succinatimonas</b>   |              |           |        |
| <i>Succinatimonas hippei</i>  | 1            |           |        |
| <b>Succiniclasticum</b>   |              |           |        |
| <i>Succiniclasticum ruminis</i>   | 1            |           |        |
| <b>Succinimonas</b>   |              |           |        |

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|--|--------------|-----------|--------|
| <i>Succinimonas amylolytica</i>  | 1            |           |        |
| <b>Succinispira</b>  |              |           |        |
| <i>Succinispira mobilis</i>  | 1            |           |        |
| <b>Succinivibrio</b>   |              |           |        |
| <i>Succinivibrio dextrinosolvens</i>   | 1            | +         |        |
| <b>Sulfitobacter</b>   |              |           |        |
| <i>Sulfitobacter brevis</i>  | 1            |           |        |
| <i>Sulfitobacter delicatus</i>   | 1            |           |        |
| <i>Sulfitobacter donghicola</i>  | 1            |           |        |
| <i>Sulfitobacter dubius</i>  | 1            |           |        |
| <i>Sulfitobacter faviae</i>  | 1            |           | neu    |
| <i>Sulfitobacter geojensis</i>   | 1            |           | neu    |
| <i>Sulfitobacter guttiformis</i> ( <i>Staleyia guttiformis</i> )                 | 1            |           |        |
| <i>Sulfitobacter indolifex</i> ( <i>Oceanibulbus indolifex</i> )                 | 1            |           | Umb.   |
| <i>Sulfitobacter litoralis</i>   | 1            |           |        |
| <i>Sulfitobacter marinus</i>   | 1            |           |        |
| <i>Sulfitobacter mediterraneus</i>   | 1            |           |        |
| <i>Sulfitobacter noctilucae</i>  | 1            |           | neu    |
| <i>Sulfitobacter noctilucicola</i>   | 1            |           | neu    |
| <i>Sulfitobacter pacificus</i>   | 1            |           | neu    |
| <i>Sulfitobacter pontiacus</i>   | 1            |           |        |
| <i>Sulfitobacter porphyrae</i>   | 1            |           |        |
| <i>Sulfitobacter pseudonitzschiae</i>  | 1            |           | neu    |
| <i>Sulfitobacter undariae</i>  | 1            |           | neu    |
| <b>Sulfobacillus</b>   |              |           |        |
| <i>Sulfobacillus acidophilus</i>   | 1            |           |        |
| <i>Sulfobacillus benefaciens</i>   | 1            |           |        |
| <i>Sulfobacillus disulfidooxidans</i> → <i>Alicyclobacillus disulfidooxidans</i> |              |           |        |
| <i>Sulfobacillus sibiricus</i>   | 1            |           |        |
| <i>Sulfobacillus thermosulfidooxidans</i>  | 1            |           |        |
| <i>Sulfobacillus thermotolerans</i>  | 1            |           |        |
| <b>Sulfodiicoccus</b>  |              |           |        |
| <i>Sulfodiicoccus acidiphilus</i>  | 1            |           | neu    |
| <b>Sulfolobus</b>  |              |           |        |
| <i>Sulfolobus acidocaldarius</i>   | 1            |           |        |
| <i>Sulfolobus brierleyi</i> → <i>Acidianus brierleyi</i>                         |              |           |        |
| <i>Sulfolobus hakonensis</i> → <i>Metallosphaera hakonensis</i>                  |              |           |        |
| <i>Sulfolobus metallicus</i>   | 1            |           |        |
| <i>Sulfolobus shibatae</i>   | 1            |           |        |
| <i>Sulfolobus solfataricus</i>   | 1            |           |        |
| <i>Sulfolobus tokodaii</i>   | 1            |           |        |
| <i>Sulfolobus yangmingensis</i>  | 1            |           |        |
| <b>Sulfophobococcus</b>  |              |           |        |
| <i>Sulfophobococcus zilligii</i>   | 1            |           |        |
| <b>Sulfuricaulis</b>   |              |           |        |

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|--|--------------|-----------|--------|
| <i>Sulfuricaulis limicola</i>                                    | 1            |           | neu    |
| <b>Sulfuricella</b>  |              |           |        |
| <i>Sulfuricella denitrificans</i>                                | 1            |           |        |
| <b>Sulfuricurvum</b>   |              |           |        |
| <i>Sulfuricurvum kujiense</i>                                    | 1            |           |        |
| <b>Sulfuriferula</b>   |              |           |        |
| <i>Sulfuriferula multivorans</i>                                 | 1            |           | neu    |
| <i>Sulfuriferula plumbiphila</i>                                 | 1            |           | neu    |
| <i>Sulfuriferula thiophila</i>                                   | 1            |           | neu    |
| <b>Sulfuriflexus</b>   |              |           |        |
| <i>Sulfuriflexus mobilis</i>                                     | 1            |           | neu    |
| <b>Sulfurifustis</b>   |              |           |        |
| <i>Sulfurifustis variabilis</i>                                  | 1            |           | neu    |
| <b>Sulfurihydrogenibium</b>                                      |              |           |        |
| <i>Sulfurihydrogenibium azorense</i>                             | 1            |           |        |
| <i>Sulfurihydrogenibium kristjanssonii</i>                       | 1            |           |        |
| <i>Sulfurihydrogenibium rodmanii</i>                             | 1            |           |        |
| <i>Sulfurihydrogenibium subterraneum</i>                         | 1            |           |        |
| <i>Sulfurihydrogenibium yellowstonense</i>                       | 1            |           |        |
| <b>Sulfurimonas</b>  |              |           |        |
| <i>Sulfurimonas autotrophica</i>                                 | 1            |           |        |
| <i>Sulfurimonas denitrificans</i> (Thiomicrospira denitrificans) | 1            |           |        |
| <i>Sulfurimonas gotlandica</i>                                   | 1            |           |        |
| <i>Sulfurimonas paralvinellae</i>                                | 1            |           |        |
| <b>Sulfurirhabdus</b>  |              |           |        |
| <i>Sulfurirhabdus autotrophica</i>                               | 1            |           | neu    |
| <b>Sulfurisoma</b>   |              |           |        |
| <i>Sulfurisoma sediminicola</i>                                  | 1            |           |        |
| <b>Sulfurisphaera</b>  |              |           |        |
| <i>Sulfurisphaera ohwakuensis</i>                                | 1            |           |        |
| <b>Sulfuritalea</b>  |              |           |        |
| <i>Sulfuritalea hydrogenivorans</i>                              | 1            |           |        |
| <b>Sulfuritortus</b>   |              |           |        |
| <i>Sulfuritortus calidifontis</i>                                | 1            |           | neu    |
| <b>Sulfurivermis</b>   |              |           |        |
| <i>Sulfurivermis fontis</i>                                      | 1            |           | neu    |
| <b>Sulfurivirga</b>  |              |           |        |
| <i>Sulfurivirga caldicuralii</i>                                 | 1            |           |        |
| <b>Sulfurococcus</b>   |              |           |        |
| <i>Sulfurococcus mirabilis</i>                                   | 1            |           |        |
| <i>Sulfurococcus yellowstonensis</i>                             | 1            |           |        |
| <b>Sulfurospirillum</b>  |              |           |        |
| <i>Sulfurospirillum alkalitolerans</i>                           | 1            |           |        |
| <i>Sulfurospirillum arcachonense</i>                             | 1            |           |        |
| <i>Sulfurospirillum arsenophilum</i>                             | 1            |           |        |
| <i>Sulfurospirillum barnesii</i>                                 | 1            |           |        |

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|--|--------------|-----------|--------|
| <i>Sulfurospirillum cavolei</i>  | 1            |           |        |
| <i>Sulfurospirillum deleyianum</i>   | 1            |           |        |
| <i>Sulfurospirillum halorespirans</i>                                      | 1            |           |        |
| <i>Sulfurospirillum multivorans</i> ( <i>Dehalospirillum multivorans</i> ) | 1            |           |        |
| <b>Sulfurovum</b>  |              |           |        |
| <i>Sulfurovum aggregans</i>  | 1            |           | neu    |
| <i>Sulfurovum lithotrophicum</i>   | 1            |           |        |
| <i>Sulfurovum riftiae</i>  | 1            |           | neu    |
| <b>Sungkyunkwania</b>  |              |           |        |
| <i>Sungkyunkwania multivorans</i>  | 1            |           |        |
| <b>Sunxiuqinia</b>   |              |           |        |
| <i>Sunxiuqinia elliptica</i>   | 1            |           |        |
| <i>Sunxiuqinia faeciviva</i>   | 1            |           |        |
| <i>Sunxiuqinia rutila</i>  | 1            |           | neu    |
| <b>Sutterella</b>  |              |           |        |
| <i>Sutterella parvirubra</i>   | 1            |           |        |
| <i>Sutterella stercoricanis</i>  | 1            |           |        |
| <i>Sutterella wadsworthensis</i>   | 2            |           |        |
| <b>Suttonella</b>  |              |           |        |
| <i>Suttonella indologenes</i> ( <i>Kingella indologenes</i> )              | 2            |           |        |
| <i>Suttonella ornithocola</i>  | 2            | t         |        |
| <b>Swaminathania</b>   |              |           |        |
| <i>Swaminathania salitolerans</i>  | 1            |           |        |
| <b>Swingsia</b>  |              |           |        |
| <i>Swingsia samuiensis</i>   | 1            |           |        |
| <b>Swionibacillus</b>  |              |           |        |
| <i>Swionibacillus sediminis</i>  | 1            |           | neu    |
| <b>Symbiobacterium</b>   |              |           |        |
| <i>Symbiobacterium ostreiconchae</i>                                       | 1            |           | neu    |
| <i>Symbiobacterium terraclitae</i>   | 1            |           | neu    |
| <i>Symbiobacterium thermophilum</i>  | 1            |           |        |
| <i>Symbiobacterium turbinis</i>  | 1            |           | neu    |
| <b>Symbiotes</b>   |              |           |        |
| <i>Symbiotes lectularius</i>   | 1            |           |        |
| <b>Synergistes</b>   |              |           |        |
| <i>Synergistes jonesii</i>   | 1            |           |        |
| <b>Syntrophaceticus</b>  |              |           |        |
| <i>Syntrophaceticus schinkii</i>   | 1            |           |        |
| <b>Syntrophobacter</b>   |              |           |        |
| <i>Syntrophobacter fumaroxidans</i>  | 1            |           |        |
| <i>Syntrophobacter pfennigii</i>   | 1            |           |        |
| <i>Syntrophobacter sulfatireducens</i>                                     | 1            |           |        |
| <i>Syntrophobacter wolinii</i>   | 1            |           |        |
| <b>Syntrophobotulus</b>  |              |           |        |
| <i>Syntrophobotulus glycolicus</i>   | 1            |           |        |
| <b>Syntrophococcus</b>   |              |           |        |

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|--|--------------|-----------|--------|
| Syntrophococcus sucromutans  | 1            |           |        |
| <b>Syntrophomonas</b>  |              |           |        |
| Syntrophomonas bryantii (Syntrophospora bryantii, Clostridium bryantii)  | 1            |           |        |
| Syntrophomonas cellicola   | 1            |           |        |
| Syntrophomonas curvata   | 1            |           |        |
| Syntrophomonas erecta  | 1            |           |        |
| Syntrophomonas palmitatica   | 1            |           |        |
| Syntrophomonas sapovorans  | 1            |           |        |
| Syntrophomonas wolfei subsp. saponavida                                  | 1            |           |        |
| Syntrophomonas wolfei subsp. wolfei                                      | 1            |           |        |
| Syntrophomonas zehnderi  | 1            |           |        |
| <b>Syntrophorhabdus</b>  |              |           |        |
| Syntrophorhabdus aromaticivorans   | 1            |           |        |
| <b>Syntrophospora → Syntrophomonas</b>                                   |              |           |        |
| Syntrophospora bryantii (Clostridium bryantii) → Syntrophomonas bryantii |              |           |        |
| <b>Syntrophothermus</b>  |              |           |        |
| Syntrophothermus lipocalidus   | 1            |           |        |
| <b>Syntrophus</b>  |              |           |        |
| Syntrophus aciditrophicus  | 1            |           |        |
| Syntrophus buswellii   | 1            |           |        |
| Syntrophus gentianae   | 1            |           |        |
| <b>Tabrizicola</b>   |              |           |        |
| Tabrizicola aquatica   | 1            |           |        |
| <b>Taeania</b>   |              |           |        |
| Taeania maliponensis   | 1            |           | neu    |
| <b>Taeseokella</b>   |              |           |        |
| Taeseokella kangwonensis   | 1            |           | neu    |
| <b>Tagaea</b>  |              |           |        |
| Tagaea marina  | 1            |           | neu    |
| <b>Tahibacter</b>  |              |           |        |
| Tahibacter aquaticus   | 1            |           |        |
| Tahibacter caeni   | 1            |           | neu    |
| <b>Taibaiella</b>  |              |           |        |
| Taibaiella chishuiensis  | 1            |           |        |
| Taibaiella coffeisolii   | 1            |           | neu    |
| Taibaiella koreensis   | 1            |           |        |
| Taibaiella smilacinae  | 1            |           |        |
| Taibaiella soli  | 1            |           | neu    |
| Taibaiella yonginensis   | 1            |           | neu    |
| <b>Tamaricihabitans</b>  |              |           |        |
| Tamaricihabitans halophyticus  | 1            |           | neu    |
| <b>Tamilnaduibacter</b>  |              |           |        |
| Tamilnaduibacter salinus   | 1            |           | neu    |
| <b>Tamlana</b>   |              |           |        |
| Tamlana agarivorans  | 1            |           |        |



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|---|--------------|-----------|--------|
| Tamlana crocina                                       | 1            |           |        |
| Tamlana sedimentorum                                  | 1            |           | neu    |
| <b>Tamlicoccus</b>                                    |              |           |        |
| Tamlicoccus marinus → Barrientosiimonas marina        |              |           | Umb.   |
| <b>Tangfeifania</b>                                   |              |           |        |
| Tangfeifania diversioriginum                          | 1            |           | neu    |
| <b>Tannerella</b>                                     |              |           |        |
| Tannerella forsythia (Bacteroides forsythus)          | 2            |           |        |
| <b>Tanticharoenia</b>                                 |              |           |        |
| Tanticharoenia aidae                                  | 1            |           | neu    |
| Tanticharoenia sakaeratensis                          | 1            |           |        |
| <b>Taonella</b>                                       |              |           |        |
| Taonella mepensis                                     | 1            |           |        |
| <b>Tardiphaga</b>                                     |              |           |        |
| Tardiphaga robiniae                                   | 1            |           |        |
| <b>Tateyama</b>                                       |              |           |        |
| Tateyama omphalii                                     | 1            |           |        |
| Tateyama pelophila                                    | 1            |           |        |
| <b>Tatlockia</b>                                      |              |           |        |
| Tatlockia maceachernii (Legionella maceachernii)      | 2            |           |        |
| Tatlockia micdadei (Legionella micdadei)              | 2            |           |        |
| <b>Tatumella</b>                                      |              |           |        |
| Tatumella citrea (Pantoea citrea)                     | 1            |           |        |
| Tatumella morbirosei                                  | 1            | p         |        |
| Tatumella pyseos                                      | 2            |           |        |
| Tatumella punctata (Pantoea punctata)                 | 1            |           |        |
| Tatumella saanichensis                                | 1            | +         | neu    |
| Tatumella terrea (Pantoea terrea)                     | 1            |           |        |
| <b>Taylorella</b>                                     |              |           |        |
| Taylorella asinigenitalis                             | 1            | t+        |        |
| Taylorella equigenitalis (Haemophilus equigenitalis)  | 2            | t         |        |
| <b>Tectibacter</b>                                    |              |           |        |
| Tectibacter vulgaris                                  | 1            |           |        |
| <b>Teichococcus → Roseomonas</b>                      |              |           |        |
| Teichococcus ludipueritiae → Roseomonas ludipueritiae |              |           |        |
| <b>Telluria</b>                                       |              |           |        |
| Telluria chitinolytica                                | 1            |           |        |
| Telluria mixta (Pseudomonas mixta)                    | 1            |           |        |
| <b>Telluribacter</b>                                  |              |           |        |
| Telluribacter humicola                                | 1            |           | neu    |
| <b>Tellurimicrobium</b>                               |              |           |        |
| Tellurimicrobium multivorans                          | 1            |           | neu    |
| <b>Telmatobacter</b>                                  |              |           |        |
| Telmatobacter bradus                                  | 1            |           |        |

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|---|--------------|-----------|--------|
| <b>Telmatocola</b>                                |              |           |        |
| Telmatocola sphagniphila                          | 1            |           |        |
| <b>Telmatospirillum</b>                           |              |           |        |
| Telmatospirillum siberiense                       | 1            |           |        |
| <b>Temperatibacter</b>                            |              |           |        |
| Temperatibacter marinus                           | 1            |           | neu    |
| <b>Tenacibaculum</b>                              |              |           |        |
| Tenacibaculum adriaticum                          | 1            |           |        |
| Tenacibaculum aestuarii                           | 1            |           |        |
| Tenacibaculum aestuariivivum                      | 1            |           | neu    |
| Tenacibaculum agarivorans                         | 1            |           | neu    |
| Tenacibaculum aiptasiae                           | 1            |           |        |
| Tenacibaculum amylolyticum                        | 1            |           |        |
| Tenacibaculum ascidiaceicola                      | 1            |           | neu    |
| Tenacibaculum caenipelagi                         | 1            |           |        |
| Tenacibaculum crassostreae                        | 1            |           |        |
| Tenacibaculum dicentrarchi                        | 1            | t2        |        |
| Tenacibaculum discolor                            | 1            | t2        |        |
| Tenacibaculum gallaicum                           | 1            | t2        |        |
| Tenacibaculum geojense                            | 1            |           |        |
| Tenacibaculum haliotis                            | 1            |           | neu    |
| Tenacibaculum holothuriorum                       | 1            |           | neu    |
| Tenacibaculum insulae                             | 1            |           | neu    |
| Tenacibaculum jejuense                            | 1            |           |        |
| Tenacibaculum litopenaei                          | 1            |           |        |
| Tenacibaculum litoreum                            | 1            |           |        |
| Tenacibaculum lutimaris                           | 1            |           |        |
| Tenacibaculum maritimum (Flexibacter maritimus)   | 1            | t2        |        |
| Tenacibaculum mesophilum                          | 1            |           |        |
| Tenacibaculum ovolyticum (Flexibacter ovolyticus) | 1            | t2        |        |
| Tenacibaculum sediminilitoris                     | 1            |           | neu    |
| Tenacibaculum skagerrakense                       | 1            |           |        |
| Tenacibaculum soleae                              | 1            | t2        |        |
| Tenacibaculum xiamenense                          | 1            |           |        |
| <b>Tenggerimyces</b>                              |              |           |        |
| Tenggerimyces flavus                              | 1            |           | neu    |
| Tenggerimyces mesophilus                          | 1            |           | neu    |
| <b>Tenuibacillus</b>                              |              |           |        |
| Tenuibacillus multivorans                         | 1            |           |        |
| <b>Tepidamorphus</b>                              |              |           |        |
| Tepidamorphus gemmatus                            | 1            |           |        |
| <b>Tepidanaerobacter</b>                          |              |           |        |
| Tepidanaerobacter syntrophicus                    | 1            |           |        |
| <b>Tepidibacillus</b>                             |              |           |        |
| Tepidibacillus decaturensis                       | 1            |           | neu    |

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|--|--------------|-----------|--------|
| Tepidibacillus fermentans  | 1            |           |        |
| Tepidibacillus infernus  | 1            |           | neu    |
| <b>Tepidibacter</b>  |              |           |        |
| Tepidibacter formicigenes  | 1            |           |        |
| Tepidibacter mesophilus  | 1            |           |        |
| Tepidibacter thalassicus   | 1            |           |        |
| <b>Tepidicaulis</b>  |              |           |        |
| Tepidicaulis marinus   | 1            |           | neu    |
| <b>Tepidicella</b>   |              |           |        |
| Tepidicella xavieri  | 1            |           |        |
| <b>Tepidimicrobium</b>   |              |           |        |
| Tepidimicrobium ferriphilum  | 1            |           | Korr.  |
| Tepidimicrobium xylanilyticum  | 1            |           | neu    |
| <b>Tepidimonas</b>   |              |           |        |
| Tepidimonas aquatica   | 1            |           |        |
| Tepidimonas fonticaldi   | 1            |           |        |
| Tepidimonas ignava   | 1            |           |        |
| Tepidimonas taiwanensis  | 1            |           |        |
| Tepidimonas thermanum  | 1            |           |        |
| <b>Tepidiphilus</b>  |              |           |        |
| Tepidiphilus margaritifer  | 1            |           |        |
| Tepidiphilus succinatimandens (Petrobacter succinatimandens)           | 1            |           |        |
| Tepidiphilus thermophilus  | 1            |           |        |
| <b>Tepidisphaera</b>   |              |           |        |
| Tepidisphaera mucosa   | 1            |           | neu    |
| <b>Terasakiella</b>  |              |           |        |
| Terasakiella brassicae   | 1            |           | neu    |
| Terasakiella pusilla (Oceanospirillum pusillum)                        | 1            |           |        |
| <b>Terasakiispira</b>  |              |           |        |
| Terasakiispira papahanaumokuakeensis                                   | 1            |           | neu    |
| <b>Teredinibacter</b>  |              |           |        |
| Teredinibacter turnerae  | 1            |           |        |
| <b>Terrabacter</b>   |              |           |        |
| Terrabacter aerophilus   | 1            |           |        |
| Terrabacter aerolatus  | 1            |           |        |
| Terrabacter carboxydivorans  | 1            |           |        |
| Terrabacter ginsenosidimutans  | 1            |           |        |
| Terrabacter koreensis  | 1            |           | neu    |
| Terrabacter lapilli  | 1            |           |        |
| Terrabacter terrae   | 1            |           |        |
| Terrabacter terrigena  | 1            |           |        |
| Terrabacter tumescens (Arthrobacter tumescens, Pimelobacter tumescens) | 1            |           |        |
| <b>Terracidiphilus</b>   |              |           |        |
| Terracidiphilus gabretensis  | 1            |           | neu    |
| <b>Terracoccus</b>   |              |           |        |

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|--|--------------|-----------|--------|
| Terracoccus luteus                                   | 1            |           |        |
| <b>Terribacillus</b>                                 |              |           |        |
| Terribacillus aidingensis                            | 1            |           |        |
| Terribacillus goriensis (Pelagibacillus goriensis)   | 1            |           |        |
| Terribacillus halophilus                             | 1            |           |        |
| Terribacillus saccharophilus                         | 1            |           |        |
| <b>Terriglobus</b>                                   |              |           |        |
| Terriglobus albidus                                  | 1            |           | neu    |
| Terriglobus aquaticus                                | 1            |           |        |
| Terriglobus roseus                                   | 1            |           |        |
| Terriglobus saanensis                                | 1            |           |        |
| Terriglobus tenax                                    | 1            |           |        |
| <b>Terrilactibacillus</b>                            |              |           |        |
| Terrilactibacillus laevilacticus                     | 1            |           | neu    |
| <b>Terrimicrobium</b>                                |              |           |        |
| Terrimicrobium sacchariphilum                        | 1            |           |        |
| <b>Terrimonas</b>                                    |              |           |        |
| Terrimonas aquatica                                  | 1            |           |        |
| Terrimonas arctica                                   | 1            |           | neu    |
| Terrimonas crocea                                    | 1            |           | neu    |
| Terrimonas ferruginea (Flavobacterium ferrugineum)   | 1            |           |        |
| Terrimonas lutea                                     | 1            |           |        |
| Terrimonas pekingensis                               | 1            |           |        |
| Terrimonas rhizosphaerae                             | 1            |           | neu    |
| Terrimonas rubra                                     | 1            |           |        |
| Terrimonas terrae                                    | 1            |           | neu    |
| <b>Terrisporobacter</b>                              |              |           |        |
| Terrisporobacter glycolicus (Clostridium glycolicum) | 2            |           |        |
| Terrisporobacter mayombeii (Clostridium mayombeii)   | 1            |           |        |
| Terrisporobacter petrolearius                        | 1            |           | neu    |
| <b>Tersicoccus</b>                                   |              |           |        |
| Tersicoccus phoenicis                                | 1            |           |        |
| Tersicoccus solisilvae                               | 1            |           | neu    |
| <b>Tessaracoccus</b>                                 |              |           |        |
| Tessaracoccus arenae                                 | 1            |           | neu    |
| Tessaracoccus bendigoensis                           | 1            |           |        |
| Tessaracoccus defluvii                               | 1            |           | neu    |
| Tessaracoccus flavescens                             | 1            |           |        |
| Tessaracoccus flavus                                 | 1            |           | neu    |
| Tessaracoccus lapidicaptus                           | 1            |           | neu    |
| Tessaracoccus lubricantis                            | 1            |           |        |
| Tessaracoccus oleiagri                               | 1            |           |        |
| Tessaracoccus rhinocerotis                           | 1            |           | neu    |
| <b>Tetragenococcus</b>                               |              |           |        |

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|--|--------------|-----------|--------|
| Tetragenococcus halophilus (Pediococcus halophilus) → Tetragenococcus halophilus subsp. halophilus |              |           |        |
| Tetragenococcus halophilus subsp. flandriensis   | 1            |           |        |
| Tetragenococcus halophilus subsp. halophilus (Tetragenococcus halophilus, Pediococcus halophilus)  | 1            |           |        |
| Tetragenococcus koreensis  | 1            |           |        |
| Tetragenococcus muriaticus   | 1            |           |        |
| Tetragenococcus osmophilus   | 1            |           |        |
| Tetragenococcus solitarius (Enterococcus solitarius)   | 1            | +         |        |
| <b>Tetrasphaera</b>  |              |           |        |
| Tetrasphaera australiensis   | 1            |           |        |
| Tetrasphaera duodecadis (Arthrobacter duodecadis)  | 1            |           |        |
| Tetrasphaera elongata  | 1            |           |        |
| Tetrasphaera japonica  | 1            |           |        |
| Tetrasphaera jenkinsii   | 1            |           |        |
| Tetrasphaera remsis  | 1            |           |        |
| Tetrasphaera vanveenii   | 1            |           |        |
| Tetrasphaera veronensis  | 1            |           |        |
| <b>Tetrathiobacter → Advenella</b>   |              |           |        |
| Tetrathiobacter kashmirensis → Advenella kashmirensis  |              |           |        |
| Tetrathiobacter mimigardefordensis → Advenella mimigardefordensis                                  |              |           |        |
| <b>Texcoconibacillus</b>   |              |           |        |
| Texcoconibacillus texcoconensis  | 1            |           |        |
| <b>Thalassiella</b>  |              |           |        |
| Thalassiella azotivora   | 1            |           | neu    |
| <b>Thalassobacillus</b>  |              |           |        |
| Thalassobacillus cyri  | 1            |           |        |
| Thalassobacillus devorans  | 1            |           |        |
| Thalassobacillus hwangdonensis   | 1            |           |        |
| <b>Thalassobacter</b>  |              |           |        |
| Thalassobacter arenae → Litoreibacter arenae   |              |           |        |
| Thalassobacter stenotrophicus  | 1            |           |        |
| <b>Thalassobaculum</b>   |              |           |        |
| Thalassobaculum fulvum   | 1            |           | neu    |
| Thalassobaculum litoreum   | 1            |           |        |
| Thalassobaculum salexigens   | 1            |           |        |
| <b>Thalassobius</b>  |              |           |        |
| Thalassobius abyssi  | 1            |           | neu    |
| Thalassobius aestuarii   | 1            |           |        |
| Thalassobius aquaeponti  | 1            |           | neu    |
| Thalassobius gelatinovorans (Ruegeria gelatinovorans, Agrobacterium gelatinovorans)                | 1            |           |        |
| Thalassobius litorarius  | 1            |           | neu    |
| Thalassobius maritimus   | 1            |           |        |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| Thalassobius mediterraneus                                  | 1            |           |        |
| <b>Thalassococcus</b>                                       |              |           |        |
| Thalassococcus halodurans                                   | 1            |           |        |
| Thalassococcus lentus                                       | 1            |           |        |
| <b>Thalassocola</b>   |              |           |        |
| Thalassocola ureilytica                                     | 1            |           | neu    |
| <b>Thalassolituus</b>                                       |              |           |        |
| Thalassolituus marinus                                      | 1            |           |        |
| Thalassolituus oleivorans                                   | 1            |           |        |
| <b>Thalassomonas</b>  |              |           |        |
| Thalassomonas actiniarum                                    | 1            |           |        |
| Thalassomonas agariperforans → Thalassotalea agariperforans |              |           |        |
| Thalassomonas agarivorans → Thalassotalea agarivorans       |              |           |        |
| Thalassomonas eurytherma → Thalassotalea eurytherma         |              |           | Umb.   |
| Thalassomonas fusca → Thalassotalea fusca                   |              |           | Umb.   |
| Thalassomonas ganghwensis → Thalassotalea ganghwensis       |              |           |        |
| Thalassomonas haliotis                                      | 1            |           |        |
| Thalassomonas loyana → Thalassotalea loyana                 |              |           |        |
| Thalassomonas viridans                                      | 1            |           |        |
| <b>Thalassospira</b>  |              |           |        |
| Thalassospira alkalitolerans                                | 1            |           |        |
| Thalassospira australica                                    | 1            |           | neu    |
| Thalassospira indica  | 1            |           | neu    |
| Thalassospira lohafexi                                      | 1            |           | neu    |
| Thalassospira lucentensis                                   | 1            |           |        |
| Thalassospira mesophila                                     | 1            |           |        |
| Thalassospira pellis  | 1            |           |        |
| Thalassospira povalilytica                                  | 1            |           |        |
| Thalassospira profundimaris                                 | 1            |           |        |
| Thalassospira tepidiphila                                   | 1            |           |        |
| Thalassospira xiamenensis                                   | 1            |           |        |
| Thalassospira xianhensis                                    | 1            |           |        |
| <b>Thalassotalea</b>  |              |           |        |
| Thalassotalea agariperforans (Thalassomonas agariperforans) | 1            |           |        |
| Thalassotalea agarivorans (Thalassomonas agarivorans)       | 1            |           |        |
| Thalassotalea atypica                                       | 1            |           | neu    |
| Thalassotalea coralli                                       | 1            |           | neu    |
| Thalassotalea crassostreae                                  | 1            |           | neu    |
| Thalassotalea euphylliae                                    | 1            |           | neu    |
| Thalassotalea eurytherma (Thalassomonas eurytherma)         | 1            |           | Umb.   |
| Thalassotalea fusca (Thalassomonas fusca)                   | 1            |           | Umb.   |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| Thalassotalea ganghwensis (Thalassomonas ganghwensis)           | 1            |           |        |
| Thalassotalea litorea   | 1            |           | neu    |
| Thalassotalea loyana (Thalassomonas loyana)                     | 1            | n         |        |
| Thalassotalea marina  | 1            |           | neu    |
| Thalassotalea montiporae  | 1            |           | neu    |
| Thalassotalea piscium   | 1            |           |        |
| Thalassotalea ponticola   | 1            |           | neu    |
| Thalassotalea profundus   | 1            |           | neu    |
| Thalassotalea sediminis   | 1            |           | neu    |
| <b>Thauera</b>  |              |           |        |
| Thauera aminoaromatica  | 1            |           |        |
| Thauera aromatica   | 1            |           |        |
| Thauera buckelii  | 1            |           |        |
| Thauera butanivorans  | 1            |           |        |
| Thauera chlorobenzoica  | 1            |           |        |
| Thauera humireducens  | 1            |           |        |
| Thauera linaloolentis   | 1            |           |        |
| Thauera mechernichensis   | 1            |           |        |
| Thauera phenylacetica   | 1            |           |        |
| Thauera propionica  | 1            |           | neu    |
| Thauera selenatis   | 1            |           |        |
| Thauera terpenica   | 1            |           |        |
| <b>Thermacetogenium</b>   |              |           |        |
| Thermacetogenium phaeum   | 1            |           |        |
| <b>Thermaerobacter</b>  |              |           |        |
| Thermaerobacter composti  | 1            |           |        |
| Thermaerobacter litoralis                                       | 1            |           |        |
| Thermaerobacter marianensis                                     | 1            |           |        |
| Thermaerobacter nagasakiensis                                   | 1            |           |        |
| Thermaerobacter subterraneus                                    | 1            |           |        |
| <b>Thermanaeromonas</b>   |              |           |        |
| Thermanaeromonas burensis                                       | 1            |           | neu    |
| Thermanaeromonas toyohensis                                     | 1            |           |        |
| <b>Thermanaerovibrio</b>  |              |           |        |
| Thermanaerovibrio acidaminovorans (Selenomonas acidaminovorans) | 1            |           |        |
| Thermanaerovibrio velox   | 1            |           |        |
| <b>Thermasporomyces</b>   |              |           |        |
| Thermasporomyces composti                                       | 1            |           |        |
| <b>Thermicanus</b>  |              |           |        |
| Thermicanus aegyptius   | 1            |           |        |
| <b>Thermincola</b>  |              |           |        |
| Thermincola carboxydiphila                                      | 1            |           |        |
| Thermincola ferriacetica  | 1            |           |        |
| <b>Thermithiobacillus</b>                                       |              |           |        |
| Thermithiobacillus plumbiphilus                                 | 1            |           | neu    |

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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| <i>Thermithiobacillus tepidarius</i> ( <i>Thiobacillus tepidarius</i> )                                    | 1            |           |        |
| <b>Thermoactinomyces</b>   |              |           |        |
| <i>Thermoactinomyces candidus</i> – synonym: <i>Thermoactinomyces vulgaris</i>                             |              |           |        |
| <i>Thermoactinomyces daqus</i>   | 1            |           |        |
| <i>Thermoactinomyces dichotomicus</i> → <i>Thermoflavimicrobium dichotomicum</i>                           |              |           |        |
| <i>Thermoactinomyces guangxiensis</i>  | 1            |           | neu    |
| <i>Thermoactinomyces intermedius</i>   | 1            |           |        |
| <i>Thermoactinomyces khenchelensis</i>   | 1            |           | neu    |
| <i>Thermoactinomyces peptonophilus</i> → <i>Seinonella peptonophila</i>                                    |              |           |        |
| <i>Thermoactinomyces putidus</i> → <i>Laceyella putida</i>   |              |           |        |
| <i>Thermoactinomyces sacchari</i> → <i>Laceyella sacchari</i>  |              |           |        |
| <i>Thermoactinomyces thalpophilus</i> – synonym: <i>Thermoactinomyces sacchari</i>                         |              |           |        |
| <i>Thermoactinomyces vulgaris</i>  | 1            | +         |        |
| <b>Thermoactinospora</b>   |              |           |        |
| <i>Thermoactinospora rubra</i>   | 1            |           |        |
| <b>Thermoanaerobacter</b>  |              |           |        |
| <i>Thermoanaerobacter acetoethylicus</i> ( <i>Thermobacteroides acetoethylicus</i> )                       | 1            |           |        |
| <i>Thermoanaerobacter brockii</i> subsp. <i>brockii</i> ( <i>Thermoanaerobium brockii</i> )                | 1            |           |        |
| <i>Thermoanaerobacter brockii</i> subsp. <i>finnii</i> ( <i>Thermoanaerobacter finnii</i> )                | 1            |           |        |
| <i>Thermoanaerobacter brockii</i> subsp. <i>lactiethylicus</i>   | 1            |           |        |
| <i>Thermoanaerobacter ethanolicus</i>  | 1            |           |        |
| <i>Thermoanaerobacter finnii</i> → <i>Thermoanaerobacter brockii</i> subsp. <i>finnii</i>                  |              |           |        |
| <i>Thermoanaerobacter italicus</i>   | 1            |           |        |
| <i>Thermoanaerobacter kivui</i> ( <i>Acetogenium kivui</i> )   | 1            |           |        |
| <i>Thermoanaerobacter mathranii</i> → <i>Thermoanaerobacter mathranii</i> subsp. <i>mathranii</i>          |              |           |        |
| <i>Thermoanaerobacter mathranii</i> subsp. <i>alimentarius</i>   | 1            |           |        |
| <i>Thermoanaerobacter mathranii</i> subsp. <i>mathranii</i> ( <i>Thermoanaerobacter mathranii</i> )        | 1            |           |        |
| <i>Thermoanaerobacter pentosaceus</i>  | 1            |           |        |
| <i>Thermoanaerobacter pseudethanolicus</i>   | 1            |           |        |
| <i>Thermoanaerobacter siderophilus</i>   | 1            |           |        |
| <i>Thermoanaerobacter subterraneus</i> → <i>Caldanaerobacter subterraneus</i> subsp. <i>subterraneus</i>   |              |           |        |
| <i>Thermoanaerobacter sulfurigignens</i>   | 1            |           |        |
| <i>Thermoanaerobacter sulfurophilus</i>  | 1            |           |        |
| <i>Thermoanaerobacter tengcongensis</i> → <i>Caldanaerobacter subterraneus</i> subsp. <i>tengcongensis</i> |              |           |        |
| <i>Thermoanaerobacter thermocopriae</i> ( <i>Clostridium thermocopriae</i> )                               | 1            |           |        |
| <i>Thermoanaerobacter thermohydrosulfuricus</i> ( <i>Clostridium thermohydrosulfuricum</i> )               | 1            |           |        |



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| Spezies  | Risikogruppe | Bemerkung | Status |
|--|--------------|-----------|--------|
| <i>Thermoanaerobacter uzonensis</i>  | 1            |           |        |
| <i>Thermoanaerobacter wiegellii</i>  | 1            |           |        |
| <i>Thermoanaerobacter yonseiensis</i> → <i>Caldanaerobacter subterraneus</i> subsp. <i>yonseiensis</i> |              |           |        |
| <b>Thermoanaerobacterium</b>   |              |           |        |
| <i>Thermoanaerobacterium aciditolerans</i>   | 1            |           |        |
| <i>Thermoanaerobacterium aotearoense</i>   | 1            |           |        |
| <i>Thermoanaerobacterium polysaccharolyticum</i> → <i>Caldanaerobius polysaccharolyticus</i>           |              |           |        |
| <i>Thermoanaerobacterium saccharolyticum</i>   | 1            |           |        |
| <i>Thermoanaerobacterium thermosaccharolyticum</i> ( <i>Clostridium thermosaccharolyticum</i> )        | 1            |           |        |
| <i>Thermoanaerobacterium thermostercoris</i>   | 1            |           |        |
| <i>Thermoanaerobacterium thermosulfurigenes</i> ( <i>Clostridium thermosulfurogenes</i> )              | 1            |           |        |
| <i>Thermoanaerobacterium xylanolyticum</i>   | 1            |           |        |
| <i>Thermoanaerobacterium zeae</i> → <i>Caldanaerobius zeae</i>   |              |           |        |
| <b>Thermoanaerobaculum</b>   |              |           |        |
| <i>Thermoanaerobaculum aquaticum</i>   | 1            |           |        |
| <b>Thermoanaerobium</b>  |              |           |        |
| <i>Thermoanaerobium acetigenum</i> → <i>Caldicellulosiruptor acetigenus</i>                            |              |           |        |
| <i>Thermoanaerobium brockii</i> → <i>Thermoanaerobacter brockii</i> subsp. <i>brockii</i>              |              |           |        |
| <b>Thermobacillus</b>  |              |           |        |
| <i>Thermobacillus composti</i>   | 1            |           |        |
| <i>Thermobacillus xylanilyticus</i>  | 1            |           |        |
| <b>Thermobacteroides</b>   |              |           |        |
| <i>Thermobacteroides acetoethylicus</i> → <i>Thermoanaerobacter acetoethylicus</i>                     |              |           |        |
| <i>Thermobacteroides leptospartum</i> → <i>Clostridium stercorarium</i> subsp. <i>leptospartum</i>     |              |           |        |
| <i>Thermobacteroides proteolyticus</i> → <i>Coprothermobacter proteolyticus</i>                        |              |           |        |
| <b>Thermobifida</b>  |              |           |        |
| <i>Thermobifida alba</i> ( <i>Thermomonospora alba</i> )   | 1            |           |        |
| <i>Thermobifida cellulositytica</i>  | 1            |           |        |
| <i>Thermobifida fusca</i> ( <i>Thermomonospora fusca</i> )   | 1            |           |        |
| <i>Thermobifida halotolerans</i>   | 1            |           |        |
| <b>Thermobispora</b>   |              |           |        |
| <i>Thermobispora bispora</i> ( <i>Microbispora bispora</i> )   | 1            |           |        |
| <b>Thermobrachium</b>  |              |           |        |
| <i>Thermobrachium celere</i>   | 1            |           |        |
| <b>Thermocatellispora</b>  |              |           |        |
| <i>Thermocatellispora tengchongensis</i>   | 1            |           |        |
| <b>Thermochromatium</b>  |              |           |        |
| <i>Thermochromatium tepidum</i> ( <i>Chromatium tepidum</i> )  | 1            |           |        |
| <b>Thermocladium</b>   |              |           |        |
| <i>Thermocladium modestius</i>   | 1            |           |        |

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|---|--------------|-----------|--------|
| <b>Thermococcoides → Kosmotoga</b>                                  |              |           |        |
| <i>Thermococcoides shengliensis</i> → <i>Kosmotoga shengliensis</i> |              |           |        |
| <b>Thermococcus</b>   |              |           |        |
| <i>Thermococcus acidaminovorans</i>                                 | 1            |           |        |
| <i>Thermococcus aegaeus</i>   | 1            |           |        |
| <i>Thermococcus aggregans</i>                                       | 1            |           |        |
| <i>Thermococcus alcaliphilus</i>                                    | 1            |           |        |
| <i>Thermococcus atlanticus</i>                                      | 1            |           |        |
| <i>Thermococcus barophilus</i>                                      | 1            |           |        |
| <i>Thermococcus barossii</i>  | 1            |           |        |
| <i>Thermococcus celer</i>   | 1            |           |        |
| <i>Thermococcus celericrescens</i>                                  | 1            |           |        |
| <i>Thermococcus chitonophagus</i>                                   | 1            |           |        |
| <i>Thermococcus cleftensis</i>                                      | 1            |           | neu    |
| <i>Thermococcus coalescens</i>                                      | 1            |           |        |
| <i>Thermococcus eurythermalis</i>                                   | 1            |           | neu    |
| <i>Thermococcus fumicolans</i>                                      | 1            |           |        |
| <i>Thermococcus gammatolerans</i>                                   | 1            |           |        |
| <i>Thermococcus gorgonarius</i>                                     | 1            |           |        |
| <i>Thermococcus guaymasensis</i>                                    | 1            |           |        |
| <i>Thermococcus hydrothermalis</i>                                  | 1            |           |        |
| <i>Thermococcus kodakarensis</i>                                    | 1            |           |        |
| <i>Thermococcus litoralis</i>                                       | 1            |           |        |
| <i>Thermococcus nautili</i>   | 1            |           |        |
| <i>Thermococcus pacificus</i>                                       | 1            |           |        |
| <i>Thermococcus paralvinellae</i>                                   | 1            |           | neu    |
| <i>Thermococcus peptonophilus</i>                                   | 1            |           |        |
| <i>Thermococcus piezophilus</i>                                     | 1            |           | neu    |
| <i>Thermococcus prieurii</i>  | 1            |           |        |
| <i>Thermococcus profundus</i>                                       | 1            |           |        |
| <i>Thermococcus sibiricus</i>                                       | 1            |           |        |
| <i>Thermococcus siculi</i>  | 1            |           |        |
| <i>Thermococcus stetteri</i>  | 1            |           |        |
| <i>Thermococcus thioreducens</i>                                    | 1            |           |        |
| <i>Thermococcus waiotapuensis</i>                                   | 1            |           |        |
| <i>Thermococcus zilligii</i>  | 1            |           |        |
| <b>Thermocrinis</b>   |              |           |        |
| <i>Thermocrinis albus</i>   | 1            |           |        |
| <i>Thermocrinis jamiesonii</i>                                      | 1            |           | neu    |
| <i>Thermocrinis minervae</i>  | 1            |           |        |
| <i>Thermocrinis ruber</i>   | 1            |           |        |
| <b>Thermocrispum</b>  |              |           |        |
| <i>Thermocrispum agreste</i>  | 1            |           |        |
| <i>Thermocrispum municipale</i>                                     | 1            |           |        |
| <b>Thermodesulfator</b>   |              |           |        |
| <i>Thermodesulfator atlanticus</i>                                  | 1            |           |        |

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| Spezies   | Risikogruppe | Bemerkung | Status |
|---|--------------|-----------|--------|
| <i>Thermodesulfatator autotrophicus</i>   | 1            |           | neu    |
| <i>Thermodesulfatator indicus</i>   | 1            |           |        |
| <b>Thermodesulfitimonas</b>   |              |           |        |
| <i>Thermodesulfitimonas autotrophica</i>  | 1            |           | neu    |
| <b>Thermodesulfobacterium</b>   |              |           |        |
| <i>Thermodesulfobacterium commune</i>   | 1            |           |        |
| <i>Thermodesulfobacterium hveragerdense</i>   | 1            |           |        |
| <i>Thermodesulfobacterium hydrogeniphilum</i>   | 1            |           |        |
| <i>Thermodesulfobacterium mobile</i> (Desulfovibrio thermophilus) – synonym: <i>Thermodesulfobacterium thermophilum</i> |              |           |        |
| <i>Thermodesulfobacterium thermophilum</i>  | 1            |           |        |
| <b>Thermodesulfobium</b>  |              |           |        |
| <i>Thermodesulfobium acidiphilum</i>  | 1            |           | neu    |
| <i>Thermodesulfobium narugense</i>  | 1            |           |        |
| <b>Thermodesulforhabdus</b>   |              |           |        |
| <i>Thermodesulforhabdus norvegica</i>   | 1            |           |        |
| <b>Thermodesulfovibrio</b>  |              |           |        |
| <i>Thermodesulfovibrio aggregans</i>  | 1            |           |        |
| <i>Thermodesulfovibrio hydrogeniphilus</i>  | 1            |           |        |
| <i>Thermodesulfovibrio islandicus</i>   | 1            |           |        |
| <i>Thermodesulfovibrio thiophilus</i>   | 1            |           |        |
| <i>Thermodesulfovibrio yellowstonii</i>   | 1            |           |        |
| <b>Thermodiscus</b>   |              |           |        |
| <i>Thermodiscus maritimus</i>   | 1            |           |        |
| <b>Thermofilum</b>  |              |           |        |
| <i>Thermofilum pendens</i>  | 1            |           |        |
| <i>Thermofilum uzonense</i>   | 1            |           | neu    |
| <b>Thermoflavifilum</b>   |              |           |        |
| <i>Thermoflavifilum aggregans</i>   | 1            |           |        |
| <b>Thermoflavimicrobium</b>   |              |           |        |
| <i>Thermoflavimicrobium dichotomicum</i> ( <i>Thermoactinomyces dichotomicus</i> )                                      | 1            | +         |        |
| <b>Thermoflexibacter</b>  |              |           |        |
| <i>Thermoflexibacter ruber</i> ( <i>Flexibacter ruber</i> )   | 1            |           | Umb.   |
| <b>Thermoflexus</b>   |              |           |        |
| <i>Thermoflexus hugenholzii</i>   | 1            |           |        |
| <b>Thermogemmatispora</b>   |              |           |        |
| <i>Thermogemmatispora carboxidivorans</i>   | 1            |           |        |
| <i>Thermogemmatispora foliorum</i>  | 1            |           |        |
| <i>Thermogemmatispora onikobensis</i>   | 1            |           |        |
| <b>Thermogladius</b>  |              |           |        |
| <i>Thermogladius calderae</i>   | 1            |           | neu    |
| <b>Thermogutta</b>  |              |           |        |
| <i>Thermogutta hypogea</i>  | 1            |           | neu    |
| <i>Thermogutta terrifontis</i>  | 1            |           | neu    |
| <b>Thermogymnomonas</b>   |              |           |        |

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|---|--------------|-----------|--------|
| <i>Thermogymnomonas acidicola</i>   | 1            |           |        |
| <b>Thermohalobacter</b>   |              |           |        |
| Thermohalobacter berrensii  | 1            |           |        |
| <b>Thermohydrogenium</b>  |              |           |        |
| Thermohydrogenium kirishiense   | 1            |           |        |
| <b>Thermoleophilum</b>  |              |           |        |
| Thermoleophilum album   | 1            |           |        |
| Thermoleophilum minutum   | 1            |           |        |
| <b>Thermolithobacter</b>  |              |           |        |
| Thermolithobacter carboxydivorans   | 1            |           |        |
| Thermolithobacter ferrireducens   | 1            |           |        |
| <b>Thermolongibacillus</b>  |              |           |        |
| Thermolongibacillus altinsuensis  | 1            |           |        |
| Thermolongibacillus kozakliensis  | 1            |           |        |
| <b>Thermomarinilinea</b>  |              |           |        |
| Thermomarinilinea lacunofontalis  | 1            |           |        |
| <b>Thermomicrobium</b>  |              |           |        |
| Thermomicrobium carboxidum  | 1            |           | neu    |
| Thermomicrobium fosteri   | 1            |           |        |
| Thermomicrobium roseum  | 1            |           |        |
| <b>Thermomonas</b>  |              |           |        |
| Thermomonas brevis  | 1            |           |        |
| Thermomonas carbonis  | 1            |           | neu    |
| Thermomonas fusca   | 1            |           |        |
| Thermomonas haemolytica   | 1            |           |        |
| Thermomonas hydrothermalis  | 1            |           |        |
| Thermomonas koreensis   | 1            |           |        |
| <b>Thermomonospora</b>  |              |           |        |
| Thermomonospora alba → Thermobifida alba  |              |           |        |
| Thermomonospora chromogena  | 1            |           |        |
| Thermomonospora curvata   | 1            |           |        |
| Thermomonospora formosensis → Actinomadura formosensis                              |              |           |        |
| Thermomonospora fusca → Thermobifida fusca  |              |           |        |
| Thermomonospora mesophila → Microbispora mesophila                                  |              |           |        |
| Thermomonospora mesoviformis – synonym:<br>Thermomonospora alba → Thermobifida alba |              |           |        |
| <b>Thermonema</b>   |              |           |        |
| Thermonema lapsum   | 1            |           |        |
| Thermonema rossianum  | 1            |           |        |
| <b>Thermophagus</b>   |              |           |        |
| Thermophagus xiamenensis  | 1            |           |        |
| <b>Thermoplasma</b>   |              |           |        |
| <i>Thermoplasma acidophilum</i>   | 1            |           |        |
| <i>Thermoplasma volcanium</i>   | 1            |           |        |
| <b>Thermopolyspora</b>  |              |           |        |

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|--|--------------|-----------|--------|
| <i>Thermopolyspora flexuosa</i> (Nonomuraea flexuosa, Actinomadura flexuosa, Microtetraspora flexuosa) | 1            |           |        |
| <b><i>Thermoproteus</i></b>  |              |           |        |
| <i>Thermoproteus neutrophilus</i> → <i>Pyrobaculum neutrophilum</i>                                    |              |           |        |
| <i>Thermoproteus tenax</i>   | 1            |           |        |
| <i>Thermoproteus thermophilus</i>  | 1            |           | neu    |
| <i>Thermoproteus uzoniensis</i>  | 1            |           |        |
| <b>Thermorudis</b>   |              |           |        |
| <i>Thermorudis peleae</i>  | 1            |           | neu    |
| <i>Thermorudis pharmacophila</i>   | 1            |           | neu    |
| <b>Thermosediminibacter</b>  |              |           |        |
| <i>Thermosediminibacter litoriperuensis</i>  | 1            |           |        |
| <i>Thermosediminibacter oceani</i>   | 1            |           |        |
| <b>Thermosinus</b>   |              |           |        |
| <i>Thermosinus carboxydivorans</i>   | 1            |           |        |
| <b>Thermosipho</b>   |              |           |        |
| <i>Thermosipho activus</i>   | 1            |           | neu    |
| <i>Thermosipho affectus</i>  | 1            |           |        |
| <i>Thermosipho africanus</i>   | 1            |           |        |
| <i>Thermosipho atlanticus</i>  | 1            |           |        |
| <i>Thermosipho geolei</i>  | 1            |           |        |
| <i>Thermosipho globiformans</i>  | 1            |           |        |
| <i>Thermosipho japonicus</i>   | 1            |           |        |
| <i>Thermosipho melanesiensis</i>   | 1            |           |        |
| <b>Thermosphaera</b>   |              |           |        |
| <i>Thermosphaera aggregans</i>   | 1            |           |        |
| <b>Thermosporothrix</b>  |              |           |        |
| <i>Thermosporothrix hazakensis</i>   | 1            |           |        |
| <i>Thermosporothrix narukonensis</i>   | 1            |           | neu    |
| <b>Thermostilla</b>  |              |           |        |
| <i>Thermostilla marina</i>   | 1            |           | neu    |
| <b>Thermosulfidibacter</b>   |              |           |        |
| <i>Thermosulfidibacter takaii</i>  | 1            |           |        |
| <b>Thermosulfurimonas</b>  |              |           |        |
| <i>Thermosulfurimonas dismutans</i>  | 1            |           |        |
| <b>Thermosulfuriphilus</b>   |              |           |        |
| <i>Thermosulfuriphilus ammonigenes</i>   | 1            |           | neu    |
| <b>Thermosyntropha</b>   |              |           |        |
| <i>Thermosyntropha lipolytica</i>  | 1            |           |        |
| <i>Thermosyntropha tengcongensis</i>   | 1            |           |        |
| <b>Thermotalea</b>   |              |           |        |
| <i>Thermotalea metallivorans</i>   | 1            |           |        |
| <b>Thermoterrabacterium</b> → <b>Carboxydotherrmus</b>   |              |           |        |
| <i>Thermoterrabacterium ferrireducens</i> → <i>Carboxydotherrmus ferrireducens</i>                     |              |           |        |
| <b>Thermothrix</b>   |              |           |        |

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|---|--------------|-----------|--------|
| <i>Thermothrix azorensis</i>  | 1            |           |        |
| <i>Thermothrix thiopara</i>   | 1            |           |        |
| <b>Thermotoga</b>   |              |           |        |
| <i>Thermotoga caldifontis</i>                                       | 1            |           |        |
| <i>Thermotoga elfii</i> → <i>Pseudothermotoga elfii</i>             |              |           |        |
| <i>Thermotoga hypogea</i> → <i>Pseudothermotoga hypogea</i>         |              |           |        |
| <i>Thermotoga lettingae</i> → <i>Pseudothermotoga lettingae</i>     |              |           |        |
| <i>Thermotoga maritima</i>  | 1            |           |        |
| <i>Thermotoga naphthophila</i>                                      | 1            |           |        |
| <i>Thermotoga neapolitana</i>                                       | 1            |           |        |
| <i>Thermotoga petrophila</i>  | 1            |           |        |
| <i>Thermotoga profunda</i>  | 1            |           |        |
| <i>Thermotoga subterranea</i> → <i>Pseudothermotoga subterranea</i> |              |           |        |
| <i>Thermotoga thermarum</i> → <i>Pseudothermotoga thermarum</i>     |              |           |        |
| <b>Thermotomaculum</b>  |              |           |        |
| <i>Thermotomaculum hydrothermale</i>                                | 1            |           | neu    |
| <b>Thermotunica</b>   |              |           |        |
| <i>Thermotunica guangxiensis</i>                                    | 1            |           |        |
| <b>Thermovenabulum</b>  |              |           |        |
| <i>Thermovenabulum ferriorganovororum</i>                           | 1            |           |        |
| <i>Thermovenabulum gondwanense</i>                                  | 1            |           |        |
| <b>Thermovibrio</b>   |              |           |        |
| <i>Thermovibrio ammonificans</i>                                    | 1            |           |        |
| <i>Thermovibrio guaymasensis</i>                                    | 1            |           |        |
| <i>Thermovibrio ruber</i>   | 1            |           |        |
| <b>Thermovirga</b>  |              |           |        |
| <i>Thermovirga lienii</i>   | 1            |           |        |
| <b>Thermovorax</b>  |              |           |        |
| <i>Thermovorax subterraneus</i>                                     | 1            |           |        |
| <b>Thermovum</b>  |              |           |        |
| <i>Thermovum composti</i> → <i>Chelativorans composti</i>           |              |           | Umb.   |
| <b>Thermus</b>  |              |           |        |
| <i>Thermus amyloliquefaciens</i>                                    | 1            |           | neu    |
| <i>Thermus antranikianii</i>  | 1            |           |        |
| <i>Thermus aquaticus</i>  | 1            |           |        |
| <i>Thermus arciformis</i>   | 1            |           |        |
| <i>Thermus brockianus</i>   | 1            |           |        |
| <i>Thermus caldifontis</i>  | 1            |           | neu    |
| <i>Thermus caliditerrae</i>   | 1            |           |        |
| <i>Thermus chliarophilus</i> → <i>Meiothermus chliarophilus</i>     |              |           |        |
| <i>Thermus composti</i>   | 1            |           |        |
| <i>Thermus filiformis</i>   | 1            |           |        |
| <i>Thermus igniterrae</i>   | 1            |           |        |

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|---|--------------|-----------|--------|
| <i>Thermus islandicus</i>   | 1            |           |        |
| <i>Thermus oshimai</i>  | 1            |           |        |
| <i>Thermus ruber</i> → <i>Meiothermus ruber</i>                                   |              |           |        |
| <i>Thermus scotoductus</i>  | 1            |           |        |
| <i>Thermus silvanus</i> → <i>Meiothermus silvanus</i>                             |              |           |        |
| <i>Thermus tengchongensis</i>   | 1            |           |        |
| <i>Thermus thermophilus</i>   | 1            |           |        |
| <b>Thioalbus</b>  |              |           |        |
| <i>Thioalbus denitrificans</i>  | 1            |           |        |
| <b>Thioalkalibacter</b>   |              |           |        |
| <i>Thioalkalibacter halophilus</i>  | 1            |           |        |
| <b>Thioalkalicoccus</b>   |              |           |        |
| <i>Thioalkalicoccus limnaeus</i>  | 1            |           |        |
| <b>Thioalkalimicrobium</b>  |              |           |        |
| <i>Thioalkalimicrobium aerophilum</i> → <i>Thiomicrospira aerophila</i>           |              |           | Umb.   |
| <i>Thioalkalimicrobium cyclicum</i> → <i>Thiomicrospira cyclica</i>               |              |           | Umb.   |
| <i>Thioalkalimicrobium microaerophilum</i> → <i>Thiomicrospira microaerophila</i> |              |           | Umb.   |
| <i>Thioalkalimicrobium sibiricum</i> → <i>Thiomicrospira sibirica</i>             |              |           | Umb.   |
| <b>Thioalkalispira</b>  |              |           |        |
| <i>Thioalkalispira microaerophila</i>   | 1            |           |        |
| <b>Thioalkalivibrio</b>   |              |           |        |
| <i>Thioalkalivibrio denitrificans</i>   | 1            |           |        |
| <i>Thioalkalivibrio halophilus</i>  | 1            |           |        |
| <i>Thioalkalivibrio jannaschii</i>  | 1            |           |        |
| <i>Thioalkalivibrio nitratireducens</i>   | 1            |           |        |
| <i>Thioalkalivibrio nitratiss</i>   | 1            |           |        |
| <i>Thioalkalivibrio paradoxus</i>   | 1            |           |        |
| <i>Thioalkalivibrio sulfidophilus</i>   | 1            |           |        |
| <i>Thioalkalivibrio thiocyanodenitrificans</i>                                    | 1            |           |        |
| <i>Thioalkalivibrio thiocyanoxidans</i>   | 1            |           |        |
| <i>Thioalkalivibrio versutus</i>  | 1            |           |        |
| <b>Thiobaca</b>   |              |           |        |
| <i>Thiobaca trueperi</i>  | 1            |           |        |
| <b>Thiobacillus</b>   |              |           |        |
| <i>Thiobacillus acidophilus</i> → <i>Acidiphilium acidophilum</i>                 |              |           |        |
| <i>Thiobacillus albertis</i> → <i>Acidithiobacillus albertensis</i>               |              |           |        |
| <i>Thiobacillus aquaesulis</i> → <i>Annwoodia aquaesulis</i>                      |              |           | Umb.   |
| <i>Thiobacillus caldus</i> → <i>Acidithiobacillus caldus</i>                      |              |           |        |
| <i>Thiobacillus concretivorus</i> – synonym: <i>Acidithiobacillus thiooxidans</i> |              |           |        |
| <i>Thiobacillus delicatus</i> → <i>Thiomonas delicata</i>                         |              |           |        |
| <i>Thiobacillus denitrificans</i>   | 1            |           |        |

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| Thiobacillus ferrooxidans → Acidithiobacillus ferrooxidans    |              |           |        |
| Thiobacillus halophilus → Halothiobacillus halophilus         |              |           |        |
| Thiobacillus hydrothermalis → Halothiobacillus hydrothermalis |              |           |        |
| Thiobacillus intermedius → Thiomonas intermedia               |              |           |        |
| Thiobacillus neapolitanus → Halothiobacillus neapolitanus     |              |           |        |
| Thiobacillus novellus → Starkeya novella                      |              |           |        |
| Thiobacillus perometabolis → Thiomonas perometabolis          |              |           |        |
| Thiobacillus rapidicrescens → Paracoccus versutus             |              |           |        |
| Thiobacillus tepidarius → Thermithiobacillus tepidarius       |              |           |        |
| Thiobacillus thermosulfatus → Thiomonas thermosulfata         |              |           |        |
| Thiobacillus thiooxidans → Acidithiobacillus thiooxidans      |              |           |        |
| Thiobacillus thioparus  | 1            |           |        |
| Thiobacillus thiophilus                                       | 1            |           |        |
| Thiobacillus thyasiris → Thiomicrospira thyasirae             |              |           |        |
| Thiobacillus versutus → Paracoccus versutus                   |              |           |        |
| <b>Thiobacimonas</b>  |              |           |        |
| Thiobacimonas profunda  | 1            |           | neu    |
| <b>Thiobacter</b>   |              |           |        |
| Thiobacter subterraneus                                       | 1            |           |        |
| <b>Thiobacterium</b>  |              |           |        |
| Thiobacterium bovistum  | 1            |           |        |
| <b>Thiocapsa</b>  |              |           |        |
| Thiocapsa halophila → Thiohalocapsa halophila                 |              |           |        |
| Thiocapsa litoralis   | 1            |           |        |
| Thiocapsa marina  | 1            |           |        |
| Thiocapsa pendens (Amoebobacter pendens)                      | 1            |           |        |
| Thiocapsa pfennigii → Thiococcus pfennigii                    |              |           |        |
| Thiocapsa rosea (Amoebobacter roseus)                         | 1            |           |        |
| Thiocapsa roseopersicina                                      | 1            |           |        |
| <b>Thioclava</b>  |              |           |        |
| Thioclava arenosa   | 1            |           | neu    |
| Thioclava atlantica   | 1            |           | neu    |
| Thioclava dalianensis   | 1            |           |        |
| Thioclava indica  | 1            |           | neu    |
| Thioclava marina  | 1            |           | neu    |
| Thioclava nitratireducens                                     | 1            |           | neu    |
| Thioclava pacifica  | 1            |           |        |
| Thioclava sediminum   | 1            |           | neu    |
| <b>Thiococcus</b>   |              |           |        |
| Thiococcus pfennigii (Thiocapsa pfennigii)                    | 1            |           |        |



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|---|--------------|-----------|-----------|
| <b>Thiocystis</b>   |              |           |           |
| Thiocystis cadagnonensis                                      | 1            |           |           |
| Thiocystis chemoclinalis                                      | 1            |           |           |
| Thiocystis gelatinosa   | 1            |           |           |
| Thiocystis minor (Chromatium minus)                           | 1            |           |           |
| Thiocystis violacea   | 1            |           |           |
| Thiocystis violascens (Chromatium violascens)                 | 1            |           |           |
| <b>Thiodictyon</b>  |              |           |           |
| Thiodictyon bacillosum  | 1            |           |           |
| Thiodictyon elegans   | 1            |           |           |
| <b>Thiofaba</b>   |              |           |           |
| Thiofaba tepidiphila  | 1            |           |           |
| <b>Thioflavicoccus</b>  |              |           |           |
| Thioflavicoccus mobilis                                       | 1            |           |           |
| <b>Thiogramum</b>   |              |           |           |
| Thiogramum longum   | 1            |           | neu       |
| <b>Thiohalobacter</b>   |              |           |           |
| Thiohalobacter thiocyanaticus                                 | 1            |           |           |
| <b>Thiohalocapsa</b>  |              |           |           |
| Thiohalocapsa halophila (Thiocapsa halophila)                 | 1            |           |           |
| Thiohalocapsa marina  | 1            |           |           |
| <b>Thiohalomonas</b>  |              |           |           |
| Thiohalomonas denitrificans                                   | 1            |           |           |
| Thiohalomonas nitratireducens                                 | 1            |           |           |
| <b>Thiohalophilus</b>   |              |           |           |
| Thiohalophilus thiocyanatoxidans                              | 1            |           |           |
| <b>Thiohalorhabdus</b>  |              |           |           |
| Thiohalorhabdus denitrificans                                 | 1            |           |           |
| <b>Thiohalospira</b>  |              |           |           |
| Thiohalospira alkaliphila                                     | 1            |           |           |
| Thiohalospira halophila                                       | 1            |           |           |
| <b>Thiolamprovum</b>  |              |           |           |
| Thiolamprovum pedioforme (Amoebobacter pedioformis)           | 1            |           |           |
| <b>Thiolapillus</b>   |              |           |           |
| Thiolapillus brandeum   | 1            |           | neu       |
| <b>Thiomargarita</b>  |              |           |           |
| Thiomargarita namibiensis                                     | 1            |           |           |
| <b>Thiomicrospira</b>   |              |           |           |
| Thiomicrospira arctica (Thiomicrospira arctica)               | 1            |           | Umb.      |
| Thiomicrospira chilensis (Thiomicrospira chilensis)           | 1            |           | Umb.      |
| Thiomicrospira frisia (Thiomicrospira frisia)                 | 1            |           | Umb.      |
| Thiomicrospira hydrogenophila (Thiomicrospira hydrogenophila) | 1            |           | neu, Umb. |
| Thiomicrospira psychrophila (Thiomicrospira psychrophila)     |              |           | Umb.      |
| <b>Thiomicrospira</b>   |              |           |           |

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| Thiomicrospira aerophila (Thioalkalimicrobium aerophilum)           | 1            |           | Umb.   |
| Thiomicrospira arctica → Thiomicrorhabdus arctica                   |              |           | Umb.   |
| Thiomicrospira chilensis → Thiomicrorhabdus chilensis               |              |           | Umb.   |
| Thiomicrospira crunogena → Hydrogenovibrio crunogenus               |              |           | Umb.   |
| Thiomicrospira cyclica (Thioalkalimicrobium cyclicum)               | 1            |           | Umb.   |
| Thiomicrospira denitrificans → Sulfurimonas denitrificans           |              |           |        |
| Thiomicrospira frisia → Thiomicrorhabdus frisia                     |              |           | Umb.   |
| Thiomicrospira halophila → Hydrogenovibrio halophilus               |              |           | Umb.   |
| Thiomicrospira hydrogeniphila → Thiomicrorhabdus hydrogeniphila     |              |           | Umb.   |
| Thiomicrospira kuenenii → Hydrogenovibrio kuenenii                  |              |           | Umb.   |
| Thiomicrospira microaerophila (Thioalkalimicrobium microaerophilum) | 1            |           | Umb.   |
| Thiomicrospira pelophila  | 1            |           |        |
| Thiomicrospira psychrophila → Thiomicrorhabdus psychrophila         |              |           | Umb.   |
| Thiomicrospira sibirica (Thioalkalimicrobium sibiricum)             | 1            |           | Umb.   |
| Thiomicrospira thermophila → Hydrogenovibrio thermophilus           |              |           | Umb.   |
| Thiomicrospira thyasirae (Thiobacillus thyasiris)                   | 1            |           |        |
| <b>Thiomonas</b>  |              |           |        |
| Thiomonas arsenitoxydans  | 1            |           |        |
| Thiomonas bhubaneswarensis  | 1            |           |        |
| Thiomonas cuprina („Thiobacillus cuprinus“) → Thiomonas delicata    |              |           |        |
| Thiomonas delicata (Thiobacillus delicatus, Thiomonas cuprina)      | 1            |           |        |
| Thiomonas intermedia (Thiobacillus intermedius)                     | 1            |           |        |
| Thiomonas islandica   | 1            |           |        |
| Thiomonas perometabolis (Thiobacillus perometabolis)                | 1            |           |        |
| Thiomonas thermosulfata (Thiobacillus thermosulfatus)               | 1            |           |        |
| <b>Thiopedia</b>  |              |           |        |
| Thiopedia rosea   | 1            |           |        |
| <b>Thiophageococcus</b>   |              |           |        |
| Thiophageococcus fuscus   | 1            |           | neu    |
| Thiophageococcus mangrovi   | 1            |           |        |
| <b>Thioploca</b>  |              |           |        |
| Thioploca araucae   | 1            |           |        |
| Thioploca chileae   | 1            |           |        |
| Thioploca ingrca  | 1            |           |        |
| Thioploca schmidlei   | 1            |           |        |
| <b>Thiopfundum</b>  |              |           |        |

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|---|--------------|-----------|--------|
| Thiopfundum hispidum                              | 1            |           |        |
| Thiopfundum lithotrophicum                        | 1            |           |        |
| <b>Thiopseudomonas</b>                            |              |           |        |
| Thiopseudomonas denitrificans                     | 1            |           | neu    |
| <b>Thioreductor</b>                               |              |           |        |
| Thioreductor micantisoli                          | 1            |           |        |
| <b>Thiorhodococcus</b>                            |              |           |        |
| Thiorhodococcus alkaliphilus                      | 1            |           | neu    |
| Thiorhodococcus bheemicus → Imhoffiella bheemlica |              |           | Umb.   |
| Thiorhodococcus fuscus                            | 1            |           | neu    |
| Thiorhodococcus kakinadensis                      | 1            |           |        |
| Thiorhodococcus mannitoliphagus                   | 1            |           |        |
| Thiorhodococcus minor                             | 1            |           |        |
| Thiorhodococcus modestalkaliphilus                | 1            |           |        |
| <b>Thiorhodospira</b>                             |              |           |        |
| Thiorhodospira sibirica                           | 1            |           |        |
| <b>Thiorhodovibrio</b>                            |              |           |        |
| Thiorhodovibrio winogradskyi                      | 1            |           |        |
| <b>Thiosphaera → Paracoccus</b>                   |              |           |        |
| Thiosphaera pantotropha → Paracoccus pantotrophus |              |           |        |
| <b>Thiospira</b>                                  |              |           |        |
| Thiospira winogradskyi                            | 1            |           |        |
| <b>Thiospirillum</b>                              |              |           |        |
| Thiospirillum jenense                             | 1            |           |        |
| <b>Thiothrix</b>                                  |              |           |        |
| Thiothrix caldifontis                             | 1            |           |        |
| Thiothrix defluvii                                | 1            |           |        |
| Thiothrix disciformis                             | 1            |           |        |
| Thiothrix eikelboomii                             | 1            |           |        |
| Thiothrix flexilis                                | 1            |           |        |
| Thiothrix fructosivorans                          | 1            |           |        |
| Thiothrix lacustris                               | 1            |           |        |
| Thiothrix nivea                                   | 1            |           |        |
| Thiothrix unzii                                   | 1            |           |        |
| <b>Thiovirga</b>                                  |              |           |        |
| Thiovirga sulfuroxydans                           | 1            |           |        |
| <b>Thiovulum</b>                                  |              |           |        |
| Thiovulum majus                                   | 1            |           |        |
| <b>Thorsellia</b>                                 |              |           |        |
| Thorsellia anophelis                              | 1            |           |        |
| Thorsellia kandunguensis                          | 1            |           | neu    |
| Thorsellia kenyensis                              | 1            |           | neu    |
| <b>Tianweitalia</b>                               |              |           |        |
| Tianweitalia sediminis                            | 1            |           | neu    |
| <b>Tibeticola</b>                                 |              |           |        |

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|---|--------------|-----------|--------|
| Tibeticola sediminis                                  | 1            |           | neu    |
| <b>Timonella</b>                                      |              |           |        |
| Timonella senegalensis                                | 1            |           | neu    |
| <b>Tindallia</b>                                      |              |           |        |
| Tindallia californiensis                              | 1            |           |        |
| Tindallia magadiensis                                 | 1            |           |        |
| Tindallia texcoconensis                               | 1            |           |        |
| <b>Tissierella</b>                                    |              |           |        |
| Tissierella carlieri                                  | 2            |           | neu    |
| Tissierella creatinini                                | 1            |           |        |
| Tissierella creatinophila                             | 1            |           |        |
| Tissierella praeacuta (Bacteroides praeacutus)        | 2            | ht        |        |
| <b>Tistlia</b>  |              |           |        |
| Tistlia consotensis                                   | 1            |           |        |
| <b>Tistrella</b>                                      |              |           |        |
| Tistrella bauzanensis                                 | 1            |           |        |
| Tistrella mobilis                                     | 1            |           |        |
| <b>Tolumonas</b>                                      |              |           |        |
| Tolumonas auensis                                     | 1            |           |        |
| Tolumonas lignilytica                                 | 1            |           | neu    |
| Tolumonas osonensis                                   | 1            |           |        |
| <b>Tomitella</b>                                      |              |           |        |
| Tomitella biformata                                   | 1            |           |        |
| Tomitella caverna                                     | 1            |           | neu    |
| <b>Tonsilliphilus</b>                                 |              |           |        |
| Tonsilliphilus suis                                   | 2            | t         |        |
| <b>Toxothrix</b>                                      |              |           |        |
| Toxothrix trichogenes                                 | 1            |           |        |
| <b>Trabulsiella</b>                                   |              |           |        |
| Trabulsiella guamensis                                | 1            |           |        |
| Trabulsiella odontotermis                             | 1            |           |        |
| <b>Tranquillimonas</b>                                |              |           |        |
| Tranquillimonas alkanivorans                          | 1            |           |        |
| <b>Treponema</b>                                      |              |           |        |
| Treponema amylovorum                                  | 2            |           |        |
| Treponema azotonutricium                              | 1            |           |        |
| Treponema berlinense                                  | 1            |           |        |
| Treponema brennaboreense                              | 2            | t         |        |
| Treponema bryantii                                    | 1            |           |        |
| Treponema caldaria (Spirochaeta caldaria)             | 1            |           |        |
| Treponema carateum                                    | 2            |           |        |
| Treponema denticola                                   | 2            | ht        |        |
| Treponema hyodysenteriae → Brachyspira hyodysenteriae |              |           |        |
| Treponema innocens → Brachyspira innocens             |              |           |        |
| Treponema isoptericolens                              | 1            |           |        |
| Treponema lecithinolyticum                            | 2            |           |        |

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|---|--------------|-----------|--------|
| Treponema maltophilum   | 2            |           |        |
| Treponema medium  | 2            |           |        |
| Treponema minutum   | 1            |           |        |
| Treponema pallidum  | 2            |           |        |
| Treponema paraluis-cuniculi   | 2            | t         |        |
| Treponema parvum  | 2            |           |        |
| Treponema pectinovorum  | 2            |           |        |
| Treponema pedis   | 2            | t         |        |
| Treponema pertenue  | 2            |           |        |
| Treponema phagedenis  | 1            |           |        |
| Treponema porcinum  | 1            |           |        |
| Treponema primitia  | 1            |           |        |
| Treponema putidum   | 2            |           |        |
| Treponema rectale   | 1            |           | neu    |
| Treponema refringens  | 1            |           |        |
| Treponema ruminis   | 1            |           | neu    |
| Treponema saccharophilum  | 1            |           |        |
| Treponema scoliodontum  | 1            | +         |        |
| Treponema socranskii subsp. buccale                                     | 2            |           |        |
| Treponema socranskii subsp. paretis                                     | 2            |           |        |
| Treponema socranskii subsp. socranskii                                  | 2            |           |        |
| Treponema stenostrepta (Spirochaeta stenostrepta)                       | 1            |           |        |
| Treponema succinifaciens  | 1            |           |        |
| Treponema vincentii   | 2            |           |        |
| Treponema zuelzeriae (Spirochaeta zuelzeriae)                           | 1            |           |        |
| <b>Trichlorobacter → Geobacter</b>                                      |              |           |        |
| Trichlorobacter thiogenes → Geobacter thiogenes                         |              |           |        |
| <b>Trichococcus</b>   |              |           |        |
| Trichococcus alkaliphilus   | 1            |           | neu    |
| Trichococcus collinsii  | 1            |           |        |
| Trichococcus flocculiformis   | 1            |           |        |
| Trichococcus ilyis  | 1            |           | neu    |
| Trichococcus paludicola   | 1            |           | neu    |
| Trichococcus palustris (Ruminococcus palustris)                         | 1            |           |        |
| Trichococcus pasteurii (Lactosphaera pasteurii, Ruminococcus pasteurii) | 1            |           |        |
| Trichococcus patagoniensis  | 1            |           |        |
| <b>Tropheryma</b>   |              |           |        |
| Tropheryma whipplei   | 2            |           |        |
| <b>Tropicibacter</b>  |              |           |        |
| Tropicibacter litoreus  | 1            |           |        |
| Tropicibacter mediterraneus   | 1            |           |        |
| Tropicibacter multivorans   | 1            |           |        |
| Tropicibacter naphthalenivorans   | 1            |           |        |
| Tropicibacter phthalicus  | 1            |           |        |
| <b>Tropicihabitans</b>  |              |           |        |

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|---|--------------|-----------|--------|
| Tropicohabitans flavus  | 1            |           | neu    |
| <b>Tropicimonas</b>   |              |           |        |
| Tropicimonas aquimaris  | 1            |           |        |
| Tropicimonas arenosa  | 1            |           | neu    |
| Tropicimonas isoalkanivorans  | 1            |           |        |
| Tropicimonas sedimicola   | 1            |           |        |
| <b>Truepera</b>   |              |           |        |
| Truepera radiovictrix   | 1            |           |        |
| <b>Trueperella</b>  |              |           |        |
| Trueperella abortisuis (Arcanobacterium abortisuis)   | 2            | t         |        |
| Trueperella bernardiae (Arcanobacterium bernardiae, Actinomyces bernardiae)                     | 2            |           |        |
| Trueperella bialowiezense (Arcanobacterium bialowiezense)                                       | 2            | t         |        |
| Trueperella bonasi (Arcanobacterium bonasi)   | 2            | t         |        |
| Trueperella pyogenes (Arcanobacterium pyogenes, Corynebacterium pyogenes, Actinomyces pyogenes) | 2            | ht        |        |
| <b>Tsukamurella</b>   |              |           |        |
| Tsukamurella carboxydivorans – synonym: Tsukamurella tyrosinosolvens                            |              |           | Umb.   |
| Tsukamurella hongkongensis  | 1            | +         | neu    |
| Tsukamurella inchonensis  | 2            |           |        |
| Tsukamurella paurometabola (Corynebacterium paurometabolum)                                     | 1            | +         |        |
| Tsukamurella pseudospumae   | 1            |           |        |
| Tsukamurella pulmonis   | 2            |           |        |
| Tsukamurella serpentis  | 1            |           | neu    |
| Tsukamurella sinensis   | 1            | +         | neu    |
| Tsukamurella soli   | 1            |           |        |
| Tsukamurella spongiae – synonym: Tsukamurella pulmonis  |              |           | Umb.   |
| Tsukamurella spumae   | 1            | +         | Bem.   |
| Tsukamurella strandjordii   | 1            | +         |        |
| Tsukamurella sunchonensis – synonym: Tsukamurella pseudospumae                                  |              |           | Umb.   |
| Tsukamurella tyrosinosolvens  | 2            |           |        |
| Tsukamurella wratislaviensis → Rhodococcus wratislaviensis                                      |              |           |        |
| <b>Tuberibacillus</b>   |              |           |        |
| Tuberibacillus calidus  | 1            |           |        |
| <b>Tumebacillus</b>   |              |           |        |
| Tumebacillus algifaecis   | 1            |           | neu    |
| Tumebacillus flagellatus  | 1            |           |        |
| Tumebacillus ginsengisoli   | 1            |           |        |
| Tumebacillus lipolyticus  | 1            |           | neu    |
| Tumebacillus luteolus   | 1            |           | neu    |
| Tumebacillus permanentifrigoris   | 1            |           |        |
| Tumebacillus soli   | 1            |           | neu    |

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|--|--------------|-----------|--------|
| <b>Tundrisphaera</b>                           |              |           |        |
| Tundrisphaera lichenicola                      | 1            |           | neu    |
| <b>Tunicatimonas</b>                           |              |           |        |
| Tunicatimonas pelagia                          | 1            |           | neu    |
| <b>Turicella</b>                               |              |           |        |
| Turicella otitidis                             | 2            |           |        |
| <b>Turicibacter</b>                            |              |           |        |
| Turicibacter sanguinis                         | 1            | +         |        |
| <b>Turicimonas</b>                             |              |           |        |
| Turicimonas muris                              | 1            |           | neu    |
| <b>Turneriella</b>                             |              |           |        |
| Turneriella parva (Leptospira parva)           | 1            |           |        |
| <b>Tuwongella</b>                              |              |           |        |
| Tuwongella immobilis                           | 1            |           | neu    |
| <b>Uliginosibacterium</b>                      |              |           |        |
| Uliginosibacterium gangwonense                 | 1            |           |        |
| Uliginosibacterium paludis                     | 1            |           | neu    |
| <b>Ulvibacter</b>                              |              |           |        |
| Ulvibacter antarcticus                         | 1            |           |        |
| Ulvibacter litoralis                           | 1            |           |        |
| Ulvibacter marinus                             | 1            |           |        |
| <b>Umboniibacter</b>                           |              |           |        |
| Umboniibacter caenipelagi                      | 1            |           | neu    |
| Umboniibacter marinipunicus                    | 1            |           |        |
| Umboniibacter roseus                           | 1            |           | neu    |
| <b>Umezawaea</b>                               |              |           |        |
| Umezawaea endophytica                          | 1            |           | neu    |
| Umezawaea tangerina (Saccharothrix tangerinus) | 1            |           |        |
| <b>Undibacterium</b>                           |              |           |        |
| Undibacterium amnicola                         | 1            |           | neu    |
| Undibacterium aquatile                         | 1            |           | neu    |
| Undibacterium arcticum                         | 1            |           | neu    |
| Undibacterium danionis                         | 1            |           | neu    |
| Undibacterium jejuense                         | 1            |           |        |
| Undibacterium macrobrachii                     | 1            |           |        |
| Undibacterium oligocarboniphilum               | 1            |           |        |
| Undibacterium parvum                           | 1            |           |        |
| Undibacterium pigrum                           | 1            |           |        |
| Undibacterium seohonense                       | 1            |           |        |
| Undibacterium squillarum                       | 1            |           | neu    |
| Undibacterium terreum                          | 1            |           |        |
| <b>Ureaplasma</b>                              |              |           |        |
| Ureaplasma canigenitalium                      | 1            |           | neu    |
| Ureaplasma cati                                | 1            |           |        |
| Ureaplasma diversum                            | 2            | t         |        |
| Ureaplasma felinum                             | 1            |           |        |

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|---|--------------|-----------|--------|
| <i>Ureaplasma gallorale</i>   | 2            | t         |        |
| <i>Ureaplasma parvum</i>  | 2            |           |        |
| <i>Ureaplasma urealyticum</i>   | 2            | ht        |        |
| <b>Ureibacillus</b>   |              |           |        |
| <i>Ureibacillus composti</i>  | 1            |           |        |
| <i>Ureibacillus defluvii</i>  | 1            |           |        |
| <i>Ureibacillus suwonensis</i>  | 1            |           |        |
| <i>Ureibacillus terrenus</i>  | 1            |           |        |
| <i>Ureibacillus thermophilus</i>  | 1            |           |        |
| <i>Ureibacillus thermosphaericus</i> ( <i>Bacillus thermosphaericus</i> ) | 1            |           |        |
| <b>Uruburuella</b>  |              |           |        |
| <i>Uruburuella suis</i>   | 2            | t         |        |
| <i>Uruburuella testudinis</i>   | 2            | t         | neu    |
| <b>Vadicella</b>  |              |           |        |
| <i>Vadicella arenosi</i>  | 1            |           |        |
| <b>Vagococcus</b>   |              |           |        |
| <i>Vagococcus acidifermentans</i>   | 1            |           |        |
| <i>Vagococcus carniphilus</i>   | 1            |           | neu    |
| <i>Vagococcus elongatus</i>   | 1            |           | neu    |
| <i>Vagococcus entomophilus</i>  | 1            |           |        |
| <i>Vagococcus fessus</i>  | 1            |           |        |
| <i>Vagococcus fluvialis</i>   | 2            | ht        |        |
| <i>Vagococcus humatus</i>   | 1            |           | neu    |
| <i>Vagococcus lutrae</i>  | 1            |           |        |
| <i>Vagococcus martis</i>  | 1            |           | neu    |
| <i>Vagococcus penaei</i>  | 1            |           |        |
| <i>Vagococcus salmoninarum</i>  | 1            | t2        |        |
| <b>Vallitalea</b>   |              |           |        |
| <i>Vallitalea guaymasensis</i>  | 1            |           |        |
| <i>Vallitalea pronyensis</i>  | 1            |           |        |
| <b>Vampirovibrio</b>  |              |           |        |
| <i>Vampirovibrio chlorellavorus</i>                                       | 1            |           |        |
| <b>Varibaculum</b>  |              |           |        |
| <i>Varibaculum anthropi</i>   | 2            |           | neu    |
| <i>Varibaculum cambriense</i>   | 2            |           |        |
| <b>Variibacter</b>  |              |           |        |
| <i>Variibacter gotjawalensis</i>  | 1            |           | neu    |
| <b>Variovorax</b>   |              |           |        |
| <i>Variovorax boronicumulans</i>  | 1            |           |        |
| <i>Variovorax defluvii</i>  | 1            |           |        |
| <i>Variovorax dokdonensis</i>   | 1            |           |        |
| <i>Variovorax ginsengisoli</i>  | 1            |           |        |
| <i>Variovorax gossypii</i>  | 1            |           | neu    |
| <i>Variovorax guangxiensis</i>  | 1            |           | neu    |
| <i>Variovorax humicola</i>  | 1            |           | neu    |
| <i>Variovorax paradoxus</i> ( <i>Alcaligenes paradoxus</i> )              | 1            |           |        |



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|--|--------------|-----------|--------|
| Variovorax soli  | 1            |           |        |
| <b>Varunaivibrio</b>   |              |           |        |
| Varunaivibrio sulfuroxidans  | 1            |           | neu    |
| <b>Vasilyevaea</b>   |              |           |        |
| Vasilyevaea enhydra (Prosthecomicrobium enhydrum) → Devosia enhydra            |              |           | Umb.   |
| Vasilyevaea mishustinii (Prosthecomicrobium mishustinii) → Devosia mishustinii |              |           | Umb.   |
| <b>Veillonella</b>   |              |           |        |
| Veillonella alcalescens – synonym: Veillonella parvula                         |              |           |        |
| Veillonella alcalescens subsp. alcalescens – synonym: Veillonella parvula      |              |           |        |
| Veillonella alcalescens subsp. criceti → Veillonella criceti                   |              |           |        |
| Veillonella alcalescens subsp. dispar → Veillonella dispar                     |              |           |        |
| Veillonella alcalescens subsp. ratti → Veillonella ratti                       |              |           |        |
| Veillonella atypica (Veillonella parvula subsp. atypica)                       | 1            | +         |        |
| Veillonella caviae   | 1            |           |        |
| Veillonella criceti (Veillonella alcalescens subsp. criceti)                   | 1            |           |        |
| Veillonella denticariosi   | 1            | +         |        |
| Veillonella dispar (Veillonella alcalescens subsp. dispar)                     | 1            | +         |        |
| Veillonella magna  | 1            |           |        |
| Veillonella montpellierensis   | 1            | +         |        |
| Veillonella parvula  | 2            |           |        |
| Veillonella parvula subsp. atypica → Veillonella atypica                       |              |           |        |
| Veillonella parvula subsp. rodentium → Veillonella rodentium                   |              |           |        |
| Veillonella ratti (Veillonella alcalescens subsp. ratti)                       | 1            |           |        |
| Veillonella rodentium (Veillonella parvula subsp. rodentium)                   | 1            |           |        |
| Veillonella rogosae  | 1            |           |        |
| Veillonella seminalis  | 2            |           | neu    |
| Veillonella tobetsuensis   | 1            |           |        |
| <b>Venenivibrio</b>  |              |           |        |
| Venenivibrio stagnispumantis   | 1            |           |        |
| <b>Ventosimonas</b>  |              |           |        |
| Ventosimonas gracilis  | 1            |           | neu    |
| <b>Verminephrobacter</b>   |              |           |        |
| Verminephrobacter aporrectodeae subsp. aporrectodeae                           | 1            |           |        |
| Verminephrobacter aporrectodeae subsp. caliginosae                             | 1            |           |        |
| Verminephrobacter aporrectodeae subsp. tuberculatae                            | 1            |           |        |
| Verminephrobacter eiseniae   | 1            |           |        |

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| <b>Verrucomicrobium</b>   |              |           |        |
| Verrucomicrobium spinosum   | 1            |           |        |
| <b>Verrucosipora</b>  |              |           |        |
| Verrucosipora andamanensis  | 1            |           |        |
| Verrucosipora endophytica   | 1            |           | neu    |
| Verrucosipora fiedleri  | 1            |           |        |
| Verrucosipora gifhornensis  | 1            |           |        |
| Verrucosipora lutea   | 1            |           |        |
| Verrucosipora maris   | 1            |           |        |
| Verrucosipora qiuiiae   | 1            |           |        |
| Verrucosipora sediminis   | 1            |           |        |
| Verrucosipora sonchi  | 1            |           | neu    |
| Verrucosipora wenchangensis   | 1            |           |        |
| <b>Verticia</b>   |              |           |        |
| Verticia sediminum (Achromobacter sediminum)<br>→ Verticiella sediminum |              |           | Umb.   |
| <b>Verticiella</b>  |              |           |        |
| Verticiella sediminum (Verticia sediminum, Achromobacter sediminum)     | 1            |           | Umb.   |
| <b>Vespertiliibacter</b>  |              |           |        |
| Vespertiliibacter pulmonis  | 2            | t         | neu    |
| <b>Vibrio</b>   |              |           |        |
| Vibrio aerogenes  | 1            |           |        |
| Vibrio aestivus   | 1            |           |        |
| Vibrio aestuarianus   | 1            | +, n      |        |
| Vibrio agarivorans  | 1            |           |        |
| Vibrio albensis – synonym: Vibrio cholerae                              |              |           |        |
| Vibrio alfacensis   | 1            |           |        |
| Vibrio alginolyticus = Beneckea alginolytica                            | 2            | TA, Z     |        |
| Vibrio algivorus  | 1            |           | neu    |
| Vibrio anguillarum  | 2            | t         |        |
| Vibrio areninigrae  | 1            |           |        |
| Vibrio astriarenae  | 1            |           | neu    |
| Vibrio atypicus   | 1            |           |        |
| Vibrio azureus  | 1            |           |        |
| Vibrio barjaei  | 1            |           | neu    |
| Vibrio bivalvicida  | 1            | n2        | neu    |
| Vibrio brasiliensis   | 1            |           |        |
| Vibrio breoganii  | 1            |           |        |
| Vibrio calviensis → Enterovibrio calviensis                             |              |           |        |
| Vibrio campbellii (Beneckea campbellii)                                 | 1            | n2        |        |
| Vibrio carchariae – synonym: Vibrio harveyi                             |              |           |        |
| Vibrio caribbeanicus  | 1            |           |        |
| Vibrio casei  | 1            |           |        |
| Vibrio celticus   | 1            | n         |        |
| Vibrio chagasii   | 1            |           |        |
| Vibrio cholerae   | 2            | T, V, Z   | Bem.   |

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|--|----------------|-----------|-----------|
| <i>Vibrio cideicii</i>   | 2              |           | neu       |
| <i>Vibrio cincinnatiensis</i>  | 2              |           |           |
| <i>Vibrio comitans</i>   | 1              |           |           |
| <i>Vibrio communis</i> – synonym: <i>Vibrio owensii</i>                              |                |           |           |
| <i>Vibrio coralliilyticus</i>  | 1              | n         |           |
| <i>Vibrio cortegadensis</i>  | 1              |           |           |
| <i>Vibrio costicola</i> → <i>Salinivibrio costicola</i> subsp. <i>costicola</i>      |                |           |           |
| <i>Vibrio crassostreae</i>   | 1              | n         |           |
| <i>Vibrio crosai</i>   | 1              |           | neu       |
| <i>Vibrio cyclitrophicus</i>   | 1              |           |           |
| <i>Vibrio damsela</i> → <i>Photobacterium damsela</i> subsp. <i>damsela</i>          |                |           |           |
| <i>Vibrio diabolicus</i>   | 1              |           |           |
| <i>Vibrio diazotrophicus</i>   | 1              |           |           |
| <i>Vibrio europaeus</i> ( <i>Vibrio tubiashii</i> subsp. <i>europaeus</i> )          | 1              | n2        | neu, Umb. |
| <i>Vibrio ezurae</i>   | 1              |           |           |
| <i>Vibrio fischeri</i> = <i>Photobacterium fischeri</i> → <i>Aliivibrio fischeri</i> |                |           |           |
| <i>Vibrio fluvialis</i>  | 2              | Z         |           |
| <i>Vibrio fortis</i>   | 1              | n         |           |
| <i>Vibrio furnissii</i>  | 2              | Z         |           |
| <i>Vibrio galathea</i>   | 1              |           | neu       |
| <i>Vibrio gallaecicus</i>  | 1              |           |           |
| <i>Vibrio gallicus</i>   | 1              |           |           |
| <i>Vibrio gazogenes</i> ( <i>Beneckea gazogenes</i> )                                | 1              |           |           |
| <i>Vibrio gigantis</i>   | 1              | n         |           |
| <i>Vibrio haliotocoli</i>  | 1              |           |           |
| <i>Vibrio hangzhouensis</i>  | 1              |           |           |
| <i>Vibrio harveyi</i> ( <i>Beneckea harveyi</i> , <i>Lucibacterium harveyi</i> )     | 1 <sup>G</sup> | +, t2     |           |
| <i>Vibrio hemicentroti</i> – synonym: <i>Vibrio splendidus</i>                       |                |           | Umb.      |
| <i>Vibrio hepatarius</i>   | 1              |           |           |
| <i>Vibrio hippocampi</i>   | 1              |           |           |
| <i>Vibrio hispanicus</i>   | 1              |           |           |
| <i>Vibrio hollisae</i> → <i>Grimontia hollisae</i>                                   |                |           |           |
| <i>Vibrio hyugaensis</i>   | 1              |           | neu       |
| <i>Vibrio ichthyenteri</i>   | 1              | t2        |           |
| <i>Vibrio iliopiscarius</i> → <i>Photobacterium iliopiscarium</i>                    |                |           |           |
| <i>Vibrio inhibens</i> – synonym: <i>Vibrio jasicida</i>                             |                |           | Umb.      |
| <i>Vibrio inusitatus</i>   | 1              |           |           |
| <i>Vibrio japonicus</i>  | 1              |           | neu       |
| <i>Vibrio jasicida</i>   | 1              | n2        |           |
| <i>Vibrio kanaloae</i>   | 1              | n         |           |
| <i>Vibrio lentus</i>   | 1              | n2        |           |
| <i>Vibrio littoralis</i>   | 1              |           |           |

<sup>G</sup> Auf eine abweichende Einstufung in der „Liste risikobewerteter Spender- und Empfängerorganismen für gentechnische Arbeiten“ wird hingewiesen.

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|---|--------------|-----------|--------|
| Vibrio logei (Photobacterium logei) → Aliivibrio logei          |              |           |        |
| Vibrio madracius  | 1            |           | neu    |
| Vibrio mangrovi   | 1            |           |        |
| Vibrio marinus → Moritella marina                               |              |           |        |
| Vibrio marisflavi   | 1            |           |        |
| Vibrio maritimus  | 1            |           |        |
| Vibrio mediterranei   | 1            | n         | Bem.   |
| Vibrio metoecus   | 2            |           | neu    |
| Vibrio metschnikovii  | 2            | Z         |        |
| Vibrio mexicanus  | 1            |           | neu    |
| Vibrio mimicus  | 2            | Z         |        |
| Vibrio mytili   | 1            |           |        |
| Vibrio natriegens (Beneckea natriegens)                         | 1            |           |        |
| Vibrio navarrensis  | 2            |           | Einst. |
| Vibrio neonatus   | 1            |           |        |
| Vibrio neptunius  | 1            | n2        |        |
| Vibrio nereis (Beneckea nereida)                                | 1            |           |        |
| Vibrio nigripulchritudo (Beneckea nigripulchritudo)             | 1            |           |        |
| Vibrio oceanisediminis  | 1            |           | neu    |
| Vibrio olivae   | 1            |           | neu    |
| Vibrio ordalii  | 1            | t2        |        |
| Vibrio orientalis   | 1            |           |        |
| Vibrio ostreicida   | 1            | n2        |        |
| Vibrio owensii  | 1            | n2        |        |
| Vibrio pacinii  | 1            |           |        |
| Vibrio palustris  | 1            |           | neu    |
| Vibrio panuliri   | 1            |           | neu    |
| Vibrio parahaemolyticus = Beneckea parahaemolytica              | 2            | Z         |        |
| Vibrio pectenecida  | 1            | n         |        |
| Vibrio pelagius   | 1            |           |        |
| Vibrio penaeicida   | 1            | n         |        |
| Vibrio plantisponsor  | 1            |           |        |
| Vibrio pomeroyi   | 1            |           |        |
| Vibrio ponticus   | 1            |           |        |
| Vibrio porteresiae  | 1            |           |        |
| Vibrio proteolyticus (Aeromonas hydrophila subsp. proteolytica) | 1            | n2        |        |
| Vibrio quintilis  | 1            |           |        |
| Vibrio rarus  | 1            |           |        |
| Vibrio renipiscarius  | 1            |           | neu    |
| Vibrio rhizosphaerae  | 1            |           |        |
| Vibrio rotiferianus   | 1            | n2        |        |
| Vibrio ruber  | 1            |           |        |
| Vibrio rumoiensis   | 1            |           |        |
| Vibrio sagamiensis  | 1            |           |        |

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|---|--------------|-----------|------------|
| <i>Vibrio salilacus</i>   | 1            |           | neu        |
| <i>Vibrio salmonicida</i> → <i>Aliivibrio salmonicida</i>                   |              |           |            |
| <i>Vibrio scophthalmi</i>   | 1            |           |            |
| <i>Vibrio shilonii</i> – synonym: <i>Vibrio mediterranei</i>                |              |           | Umb.       |
| <i>Vibrio sinaloensis</i>   | 1            | t+        |            |
| <i>Vibrio sonorensis</i>  | 1            |           | neu        |
| <i>Vibrio spartinae</i>   | 1            |           | neu        |
| <i>Vibrio splendidus</i> ( <i>Beneckea splendida</i> )                      | 2            | t         |            |
| <i>Vibrio stylophorae</i>   | 1            |           |            |
| <i>Vibrio succinogenes</i> → <i>Wolinella succinogenes</i>                  |              |           |            |
| <i>Vibrio superstes</i>   | 1            |           |            |
| <i>Vibrio tapetis</i> subsp. <i>britannicus</i>                             | 1            | n2, t2    |            |
| <i>Vibrio tapetis</i> subsp. <i>quintayensis</i>                            | 1            | t2        | neu        |
| <i>Vibrio tapetis</i> subsp. <i>tapetis</i> ( <i>Vibrio tapetis</i> )       | 1            | n2, t2    |            |
| <i>Vibrio tapetis</i> → <i>Vibrio tapetis</i> subsp. <i>tapetis</i>         |              |           |            |
| <i>Vibrio tasmaniensis</i>  | 1            | n2        |            |
| <i>Vibrio thalassae</i>   | 1            |           | neu        |
| <i>Vibrio toranzoniae</i>   | 1            |           |            |
| <i>Vibrio trachuri</i> – synonym: <i>Vibrio harveyi</i>                     |              |           |            |
| <i>Vibrio tritonius</i>   | 1            |           | neu        |
| <i>Vibrio tubiashii</i> ( <i>Vibrio tubiashii</i> subsp. <i>tubiashii</i> ) | 1            | n2        | Bem., Umb. |
| <i>Vibrio tubiashii</i> subsp. <i>europaeus</i> → <i>Vibrio europaeus</i>   |              |           | Umb.       |
| <i>Vibrio tubiashii</i> subsp. <i>tubiashii</i> → <i>Vibrio tubiashii</i>   |              |           | Umb.       |
| <i>Vibrio variabilis</i>  | 1            |           |            |
| <i>Vibrio viscosus</i> → <i>Moritella viscosa</i>                           |              |           |            |
| <i>Vibrio vulnificus</i> ( <i>Beneckea vulnifica</i> )                      | 2            | Z         |            |
| <i>Vibrio wodanis</i> → <i>Aliivibrio wodanis</i>                           |              |           |            |
| <i>Vibrio xiamenensis</i>   | 1            |           |            |
| <i>Vibrio xuii</i>  | 1            |           |            |
| <b>Vibrionimonas</b>  |              |           |            |
| <i>Vibrionimonas magnilacihabitans</i>                                      | 1            |           |            |
| <b>Vicinamibacter</b>   |              |           |            |
| <i>Vicinamibacter silvestris</i>  | 1            |           | neu        |
| <b>Vicingus</b>   |              |           |            |
| <i>Vicingus serpentipes</i>   | 1            |           | neu        |
| <b>Victivallis</b>  |              |           |            |
| <i>Victivallis vadensis</i>   | 1            |           |            |
| <b>Virgibacillus</b>  |              |           |            |
| <i>Virgibacillus albus</i> → <i>Aquibacillus albus</i>                      |              |           | Umb.       |
| <i>Virgibacillus alimentarius</i>   | 1            |           |            |
| <i>Virgibacillus arcticus</i>   | 1            |           |            |
| <i>Virgibacillus byunsanensis</i>   | 1            |           |            |
| <i>Virgibacillus campisalis</i>   | 1            |           |            |
| <i>Virgibacillus carmonensis</i>  | 1            |           |            |
| <i>Virgibacillus chiguensis</i>   | 1            |           |            |
| <i>Virgibacillus dokdonensis</i>  | 1            |           |            |

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|--|--------------|-----------|--------|
| <i>Virgibacillus flavescens</i>  | 1            |           | neu    |
| <i>Virgibacillus halodenitrificans</i> ( <i>Bacillus halodenitrificans</i> )                       | 1            |           |        |
| <i>Virgibacillus halophilus</i>  | 1            |           |        |
| <i>Virgibacillus halotolerans</i>  | 1            |           |        |
| <i>Virgibacillus jeotgali</i>  | 1            |           | neu    |
| <i>Virgibacillus kapii</i>   | 1            |           | neu    |
| <i>Virgibacillus kekensis</i>  | 1            |           |        |
| <i>Virgibacillus koreensis</i> → <i>Aquibacillus koreensis</i>                                     |              |           | Umb.   |
| <i>Virgibacillus litoralis</i>   | 1            |           |        |
| <i>Virgibacillus marismortui</i> ( <i>Bacillus marismortui</i> , <i>Salibacillus marismortui</i> ) | 1            |           |        |
| <i>Virgibacillus natechei</i>  | 1            |           | neu    |
| <i>Virgibacillus necropolis</i>  | 1            |           |        |
| <i>Virgibacillus oceani</i>  | 1            |           | neu    |
| <i>Virgibacillus olivae</i>  | 1            |           |        |
| <i>Virgibacillus pantothenicus</i> ( <i>Bacillus pantothenicus</i> )                               | 1            |           |        |
| <i>Virgibacillus picturae</i> → <i>Oceanobacillus picturae</i>                                     |              |           |        |
| <i>Virgibacillus proomii</i>   | 1            |           |        |
| <i>Virgibacillus salarius</i>  | 1            |           |        |
| <i>Virgibacillus salexigens</i> ( <i>Bacillus salexigens</i> , <i>Salibacillus salexigens</i> )    | 1            |           |        |
| <i>Virgibacillus salinus</i>   | 1            |           |        |
| <i>Virgibacillus sediminis</i>   | 1            |           |        |
| <i>Virgibacillus siamensis</i>   | 1            |           |        |
| <i>Virgibacillus soli</i>  | 1            |           |        |
| <i>Virgibacillus subterraneus</i>  | 1            |           |        |
| <i>Virgibacillus xinjiangensis</i>   | 1            |           |        |
| <b>Virgisporangium</b>   |              |           |        |
| <i>Virgisporangium aliadipatigenens</i>  | 1            |           |        |
| <i>Virgisporangium aurantiacum</i>   | 1            |           |        |
| <i>Virgisporangium myanmarensis</i>  | 1            |           | neu    |
| <i>Virgisporangium ochraceum</i>   | 1            |           |        |
| <b>Viridibacillus</b>  |              |           |        |
| <i>Viridibacillus arenosi</i> ( <i>Bacillus arenosi</i> )  | 1            |           |        |
| <i>Viridibacillus arvi</i> ( <i>Bacillus arvi</i> )  | 1            |           |        |
| <i>Viridibacillus neidei</i> ( <i>Bacillus neidei</i> )  | 1            |           |        |
| <b>Vitellibacter</b>   |              |           |        |
| <i>Vitellibacter aestuarii</i> → <i>Aequorivita aestuarii</i>                                      |              |           | Umb.   |
| <i>Vitellibacter aquimaris</i>   | 1            |           | neu    |
| <i>Vitellibacter echinoideorum</i> → <i>Aequorivita echinoideorum</i>                              |              |           | Umb.   |
| <i>Vitellibacter nionensis</i> → <i>Aequorivita nionensis</i>                                      |              |           | Umb.   |
| <i>Vitellibacter soesokkakensis</i> → <i>Aequorivita soesokkakensis</i>                            |              |           | Umb.   |
| <i>Vitellibacter vladivostokensis</i> → <i>Aequorivita vladivostokensis</i>                        |              |           | Umb.   |
| <b>Vitiosangium</b>  |              |           |        |

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|--|--------------|-----------|--------|
| <i>Vitiosangium cumulatum</i>  | 1            |           | neu    |
| <i>Vitiosangium subalbum</i>   | 1            |           | neu    |
| <b>Vitreoscilla</b>  |              |           |        |
| <i>Vitreoscilla beggiatoides</i>   | 1            |           |        |
| <i>Vitreoscilla filiformis</i>   | 1            |           |        |
| <i>Vitreoscilla stercoraria</i>  | 1            |           |        |
| <b>Vogesella</b>   |              |           |        |
| <i>Vogesella alkaliphila</i>   | 1            |           |        |
| <i>Vogesella amnigena</i>  | 1            |           | neu    |
| <i>Vogesella facilis</i>   | 1            |           | neu    |
| <i>Vogesella fluminis</i>  | 1            |           |        |
| <i>Vogesella indigofera</i> ( <i>Pseudomonas indigofera</i> )            | 1            |           |        |
| <i>Vogesella lacus</i>   | 1            |           |        |
| <i>Vogesella mureinivorans</i>   | 1            |           |        |
| <i>Vogesella oryzae</i>  | 1            |           | neu    |
| <i>Vogesella perlucida</i>   | 1            |           |        |
| <b>Volcaniella</b> → <b>Halomonas</b>                                    |              |           |        |
| <i>Volcaniella eurihalina</i> → <i>Halomonas eurihalina</i>              |              |           |        |
| <b>Volucribacter</b>   |              |           |        |
| <i>Volucribacter amazonae</i>  | 2            | t         |        |
| <i>Volucribacter psittacida</i>  | 2            | t         |        |
| <b>Vulcanibacillus</b>   |              |           |        |
| <i>Vulcanibacillus modesticaldus</i>                                     | 1            |           |        |
| <b>Vulcaniibacterium</b>   |              |           |        |
| <i>Vulcaniibacterium tengchongense</i>                                   | 1            |           |        |
| <i>Vulcaniibacterium thermophilum</i> ( <i>Lysobacter thermophilus</i> ) | 1            |           |        |
| <b>Vulcanisaeta</b>  |              |           |        |
| <i>Vulcanisaeta distributa</i>   | 1            |           |        |
| <i>Vulcanisaeta souniana</i>   | 1            |           |        |
| <i>Vulcanisaeta thermophila</i>  | 1            |           | neu    |
| <b>Vulcanithermus</b>  |              |           |        |
| <i>Vulcanithermus mediatlanticus</i>                                     | 1            |           |        |
| <b>Vulgatibacter</b>   |              |           |        |
| <i>Vulgatibacter incomptus</i>   | 1            |           | neu    |
| <b>Waddlia</b>   |              |           |        |
| <i>Waddlia chondrophila</i>  | 2            | t         |        |
| <b>Wandonia</b>  |              |           |        |
| <i>Wandonia haliotis</i>   | 1            |           |        |
| <b>Wangia</b> → <b>Zunongwangia</b>                                      |              |           |        |
| <i>Wangia profunda</i> → <i>Zunongwangia profunda</i>                    |              |           |        |
| <b>Wautersia</b> → <b>Cupriavidus</b>                                    |              |           |        |
| <i>Wautersia basilensis</i> → <i>Cupriavidus basilensis</i>              |              |           |        |
| <i>Wautersia campinensis</i> → <i>Cupriavidus campinensis</i>            |              |           |        |
| <i>Wautersia eutropha</i> – synonym: <i>Cupriavidus necator</i>          |              |           |        |
| <i>Wautersia gilardii</i> → <i>Cupriavidus gilardii</i>                  |              |           |        |

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| Wautersia metallidurans → Cupriavidus metallidurans         |                |           |        |
| Wautersia numazuensis → Cupriavidus numazuensis             |                |           |        |
| Wautersia oxalatica → Cupriavidus oxalaticus                |                |           |        |
| Wautersia paucula → Cupriavidus pauculus                    |                |           |        |
| Wautersia respiraculi → Cupriavidus respiraculi             |                |           |        |
| Wautersia taiwanensis → Cupriavidus taiwanensis             |                |           |        |
| <b>Wautersiella</b>   |                |           |        |
| Wautersiella falsenii → Empedobacter falsenii               |                |           | Umb.   |
| <b>Weeksella</b>  |                |           |        |
| Weeksella massiliensis                                      | 1              | +         | neu    |
| Weeksella virosa  | 1              | +         |        |
| Weeksella zoohelcum → Bergeyella zoohelcum                  |                |           |        |
| <b>Weissella</b>  |                |           |        |
| Weissella beninensis  | 1              |           |        |
| Weissella bombi   | 1              |           | neu    |
| Weissella ceti  | 2              | t         |        |
| Weissella cibaria   | 1              | ht+       |        |
| Weissella confusa (Lactobacillus confusus)                  | 1 <sup>G</sup> | ht+       |        |
| Weissella diestrammenae                                     | 1              |           |        |
| Weissella fabalis   | 1              |           |        |
| Weissella fabaria   | 1              |           |        |
| Weissella ghanensis   | 1              |           |        |
| Weissella halotolerans (Lactobacillus halotolerans)         | 1              |           |        |
| Weissella hellenica   | 1              |           |        |
| Weissella jogaejeotgali                                     | 1              |           | neu    |
| Weissella kandleri (Lactobacillus kandleri)                 | 1              |           |        |
| Weissella kimchii – synonym: Weissella cibaria              |                |           |        |
| Weissella koreensis   | 1              |           |        |
| Weissella minor (Lactobacillus minor)                       | 1              |           |        |
| Weissella oryzae  | 1              |           |        |
| Weissella paramesenteroides (Leuconostoc paramesenteroides) | 1              |           |        |
| Weissella soli  | 1              |           |        |
| Weissella thailandensis                                     | 1              |           |        |
| Weissella uvarum  | 1              |           | neu    |
| Weissella viridescens (Lactobacillus viridescens)           | 1              |           |        |
| <b>Wenxinia</b>   |                |           |        |
| Wenxinia marina   | 1              |           |        |
| Wenxinia saemankumensis                                     | 1              |           |        |
| <b>Wenyingzhuangia</b>                                      |                |           |        |
| Wenyingzhuangia aestuarii                                   | 1              |           | neu    |
| Wenyingzhuangia fucanilytica                                | 1              |           | neu    |
| Wenyingzhuangia gracilariae                                 | 1              |           | neu    |
| Wenyingzhuangia heitensis                                   | 1              |           | neu    |

<sup>G</sup> Auf eine abweichende Einstufung in der „Liste risikobewerteter Spender- und Empfängerorganismen für gentechnische Arbeiten“ wird hingewiesen.



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| Spezies                         | Risikogruppe | Bemerkung | Status |
|---------------------------------|--------------|-----------|--------|
| Wenyingzhuangia marina          | 1            |           |        |
| <b>Wenzhouxiangella</b>         |              |           |        |
| Wenzhouxiangella marina         | 1            |           | neu    |
| Wenzhouxiangella sediminis      | 1            |           | neu    |
| <b>Wigglesworthia</b>           |              |           |        |
| Wigglesworthia glossinidia      | 1            |           |        |
| <b>Williamsia</b>               |              |           |        |
| Williamsia deligens             | 1            | +         | neu    |
| Williamsia faeni                | 1            |           |        |
| Williamsia herbipolensis        | 1            |           | neu    |
| Williamsia limnetica            | 1            |           |        |
| Williamsia marianensis          | 1            |           |        |
| Williamsia maris                | 1            |           |        |
| Williamsia muralis              | 1            |           |        |
| Williamsia phyllosphaerae       | 1            |           |        |
| Williamsia serinedens           | 1            | +         |        |
| Williamsia spongiae             | 1            |           | neu    |
| Williamsia sterculiae           | 1            |           |        |
| <b>Williamwhitmania</b>         |              |           |        |
| Williamwhitmania taraxaci       | 1            |           | neu    |
| <b>Winogradskyella</b>          |              |           |        |
| Winogradskyella aquimaris       | 1            |           |        |
| Winogradskyella arenosi         | 1            |           |        |
| Winogradskyella crassostreae    | 1            |           | neu    |
| Winogradskyella damuponensis    | 1            |           |        |
| Winogradskyella echinorum       | 1            |           |        |
| Winogradskyella eckloniae       | 1            |           | neu    |
| Winogradskyella epiphytica      | 1            |           |        |
| Winogradskyella exilis          | 1            |           |        |
| Winogradskyella eximia          | 1            |           |        |
| Winogradskyella flava           | 1            |           | neu    |
| Winogradskyella haliclonaе      | 1            |           | neu    |
| Winogradskyella jejuensis       | 1            |           | neu    |
| Winogradskyella litorisediminis | 1            |           |        |
| Winogradskyella litoriviva      | 1            |           | neu    |
| Winogradskyella lutea           | 1            |           |        |
| Winogradskyella maritima        | 1            |           | neu    |
| Winogradskyella multivorans     | 1            |           |        |
| Winogradskyella pacifica        | 1            |           |        |
| Winogradskyella poriferorum     | 1            |           |        |
| Winogradskyella psychrotolerans | 1            |           |        |
| Winogradskyella pulchriflava    | 1            |           |        |
| Winogradskyella rapida          | 1            |           |        |
| Winogradskyella sediminis       | 1            |           | neu    |
| Winogradskyella thalassocola    | 1            |           |        |
| Winogradskyella ulvae           | 1            |           |        |

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|--|--------------|-----------|--------|
| Winogradskyella undariae                           | 1            |           |        |
| Winogradskyella wandonensis                        | 1            |           |        |
| <b>Woeseia</b>                                     |              |           |        |
| Woeseia oceani                                     | 1            |           | neu    |
| <b>Wohlfahrtiimonas</b>                            |              |           |        |
| Wohlfahrtiimonas chitiniclastica                   | 1            | ht+       |        |
| Wohlfahrtiimonas populi                            | 1            | p+        | neu    |
| <b>Wolbachia</b>                                   |              |           |        |
| Wolbachia melophagi                                | 1            |           |        |
| Wolbachia persica → Francisella persica            |              |           | Umb.   |
| Wolbachia pipientis                                | 1            |           |        |
| <b>Wolinella</b>                                   |              |           |        |
| Wolinella curva → Campylobacter curvus             |              |           |        |
| Wolinella recta → Campylobacter rectus             |              |           |        |
| Wolinella succinogenes (Vibrio succinogenes)       | 1            |           |        |
| <b>Woodsholea</b>                                  |              |           |        |
| Woodsholea maritima                                | 1            |           |        |
| <b>Wukongibacter</b>                               |              |           |        |
| Wukongibacter baidiensis                           | 1            |           | neu    |
| <b>Xanthobacter</b>                                |              |           |        |
| Xanthobacter agilis                                | 1            |           |        |
| Xanthobacter aminoxidans                           | 1            |           |        |
| Xanthobacter autotrophicus                         | 1            |           |        |
| Xanthobacter flavus                                | 1            |           |        |
| Xanthobacter tagetidis                             | 1            |           |        |
| Xanthobacter viscosus                              | 1            |           |        |
| <b>Xanthomarina</b>                                |              |           |        |
| Xanthomarina gelatinilytica                        | 1            |           | neu    |
| <b>Xanthomonas</b>                                 |              |           |        |
| Xanthomonas albilineans                            | 1            | p         |        |
| Xanthomonas alfalfae subsp. alfalfae               | 1            | p         |        |
| Xanthomonas alfalfae subsp. citrumelonis           | 1            | p         |        |
| Xanthomonas ampelina → Xylophilus ampelinus        |              |           |        |
| Xanthomonas arboricola                             | 1            | p2        |        |
| Xanthomonas axonopodis                             | 1            | p2        |        |
| Xanthomonas bromi                                  | 1            | p         |        |
| Xanthomonas campestris                             | 1            | p         |        |
| Xanthomonas cassavae                               | 1            | p         |        |
| Xanthomonas citri → Xanthomonas citri subsp. citri |              |           |        |
| Xanthomonas citri subsp. citri (Xanthomonas citri) | 1            | p         |        |
| Xanthomonas citri subsp. malvacearum               | 1            | p         |        |
| Xanthomonas codiae                                 | 1            | p         |        |
| Xanthomonas cucurbitae                             | 1            | p         |        |
| Xanthomonas cynarae                                | 1            | p         |        |
| Xanthomonas dyei                                   | 1            | p         |        |
| Xanthomonas euvesicatoria                          | 1            | p         |        |

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|---|--------------|-----------|--------|
| <i>Xanthomonas floridensis</i>  | 1            |           | neu    |
| <i>Xanthomonas fragariae</i>  | 1            | p2        |        |
| <i>Xanthomonas fuscans</i> subsp. <i>aurantifolii</i> – synonym: <i>Xanthomonas citri</i> subsp. <i>citri</i> |              |           |        |
| <i>Xanthomonas fuscans</i> subsp. <i>fuscans</i> – synonym: <i>Xanthomonas citri</i> subsp. <i>citri</i>      |              |           |        |
| <i>Xanthomonas gardneri</i>   | 1            | p         |        |
| <i>Xanthomonas hortorum</i>   | 1            | p         |        |
| <i>Xanthomonas hyacinthi</i>  | 1            | p         |        |
| <i>Xanthomonas maliensis</i>  | 1            |           | neu    |
| <i>Xanthomonas maltophilia</i> → <i>Stenotrophomonas maltophilia</i>  |              |           |        |
| <i>Xanthomonas melonis</i>  | 1            | p         |        |
| <i>Xanthomonas nasturtii</i>  | 1            | p2        | neu    |
| <i>Xanthomonas oryzae</i>   | 1            | p2        |        |
| <i>Xanthomonas perforans</i>  | 1            | p         |        |
| <i>Xanthomonas phaseoli</i>   | 1            | p         |        |
| <i>Xanthomonas pisi</i>   | 1            | p         |        |
| <i>Xanthomonas populi</i>   | 1            | p         |        |
| <i>Xanthomonas sacchari</i>   | 1            | p         |        |
| <i>Xanthomonas theicola</i>   | 1            | p         |        |
| <i>Xanthomonas translucens</i>  | 1            | p2        |        |
| <i>Xanthomonas vasicola</i>   | 1            | p         |        |
| <i>Xanthomonas vesicatoria</i>  | 1            | p2        |        |
| <b>Xenophilus</b>   |              |           |        |
| <i>Xenophilus aerolatus</i>   | 1            |           |        |
| <i>Xenophilus arseniciresistens</i>   | 1            |           |        |
| <i>Xenophilus azovorans</i>   | 1            |           |        |
| <b>Xenorhabdus</b>  |              |           |        |
| <i>Xenorhabdus beddingii</i> ( <i>Xenorhabdus nematophila</i> subsp. <i>beddingii</i> )                       | 1            | n         |        |
| <i>Xenorhabdus bovienii</i> ( <i>Xenorhabdus nematophila</i> subsp. <i>bovienii</i> )                         | 1            | n         |        |
| <i>Xenorhabdus budapestensis</i>  | 1            | n         |        |
| <i>Xenorhabdus cabanillasii</i>   | 1            | n         |        |
| <i>Xenorhabdus doucetiae</i>  | 1            | n         |        |
| <i>Xenorhabdus eapokensis</i>   | 1            | n         | neu    |
| <i>Xenorhabdus ehlersii</i>   | 1            | n         |        |
| <i>Xenorhabdus griffinae</i>  | 1            | n         |        |
| <i>Xenorhabdus hominickii</i>   | 1            | n         |        |
| <i>Xenorhabdus indica</i>   | 1            | n         |        |
| <i>Xenorhabdus innexi</i>   | 1            | n         |        |
| <i>Xenorhabdus ishibashii</i>   | 1            | n         |        |
| <i>Xenorhabdus japonica</i>   | 1            | n         |        |
| <i>Xenorhabdus khoisanae</i>  | 1            | n         |        |
| <i>Xenorhabdus koppenhoeferi</i>  | 1            | n         |        |
| <i>Xenorhabdus kozodoii</i>   | 1            | n         |        |
| <i>Xenorhabdus luminescens</i> → <i>Photorhabdus luminescens</i> subsp. <i>luminescens</i>                    |              |           |        |

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|---|--------------|-----------|-----------|
| <i>Xenorhabdus magdalenensis</i>  | 1            | n         |           |
| <i>Xenorhabdus mauleonii</i>  | 1            | n         |           |
| <i>Xenorhabdus miraniensis</i>  | 1            | n         |           |
| <i>Xenorhabdus nematophila</i> ( <i>Xenorhabdus nematophila</i> subsp. <i>nematophila</i> ) | 1            | n         |           |
| <i>Xenorhabdus nematophila</i> subsp. <i>beddingii</i> → <i>Xenorhabdus beddingii</i>       |              |           |           |
| <i>Xenorhabdus nematophila</i> subsp. <i>bovienii</i> → <i>Xenorhabdus bovienii</i>         |              |           |           |
| <i>Xenorhabdus nematophila</i> subsp. <i>nematophila</i> → <i>Xenorhabdus nematophila</i>   |              |           |           |
| <i>Xenorhabdus nematophila</i> subsp. <i>poinarii</i> → <i>Xenorhabdus poinarii</i>         |              |           |           |
| <i>Xenorhabdus poinarii</i> ( <i>Xenorhabdus nematophila</i> subsp. <i>poinarii</i> )       | 1            |           |           |
| <i>Xenorhabdus romanii</i>  | 1            | n         |           |
| <i>Xenorhabdus stockiae</i>   | 1            | n         |           |
| <i>Xenorhabdus szentirmaii</i>  | 1            | n         |           |
| <i>Xenorhabdus thuongxuanensis</i>  | 1            | n         | neu       |
| <i>Xenorhabdus vietnamensis</i>   | 1            | n         |           |
| <b>Xiangella</b>  |              |           |           |
| <i>Xiangella phaseoli</i>   | 1            |           |           |
| <b>Xuhuaishuia</b>  |              |           |           |
| <i>Xuhuaishuia manganoxidans</i> – synonym: <i>Brevirhabdus pacifica</i>                    |              |           | neu, Umb. |
| <b>Xylanibacter</b> → <b>Prevotella</b>   |              |           |           |
| <i>Xylanibacter oryzae</i> → <i>Prevotella oryzae</i>                                       |              |           |           |
| <b>Xylanibacterium</b>  |              |           |           |
| <i>Xylanibacterium ulmi</i>   | 1            |           |           |
| <b>Xylanimicrobium</b>  |              |           |           |
| <i>Xylanimicrobium pachnodae</i> ( <i>Promicromonas pachnodae</i> )                         | 1            |           |           |
| <b>Xylanimonas</b>  |              |           |           |
| <i>Xylanimonas cellulolytica</i>  | 1            |           |           |
| <b>Xylella</b>  |              |           |           |
| <i>Xylella fastidiosa</i> → <i>Xylella fastidiosa</i> subsp. <i>fastidiosa</i>              |              |           |           |
| <i>Xylella fastidiosa</i> subsp. <i>fastidiosa</i> ( <i>Xylella fastidiosa</i> )            | 1            | p2        |           |
| <i>Xylella fastidiosa</i> subsp. <i>multiplex</i>   | 1            | p2        |           |
| <i>Xylella fastidiosa</i> subsp. <i>pauca</i>   | 1            | p2        |           |
| <i>Xylella taiwanensis</i>  | 1            | p2        | neu       |
| <b>Xylophilus</b>   |              |           |           |
| <i>Xylophilus ampelinus</i> ( <i>Xanthomonas ampelina</i> )                                 | 1            | p2        |           |
| <b>Yangia</b>   |              |           |           |
| <i>Yangia pacifica</i>  | 1            |           |           |
| <b>Yania</b> → <b>Yaniella</b>  |              |           |           |
| <i>Yania flava</i> → <i>Yaniella flava</i>  |              |           |           |
| <i>Yania halotolerans</i> → <i>Yaniella halotolerans</i>                                    |              |           |           |
| <b>Yaniella</b>   |              |           |           |

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|--|----------------|-----------|--------|
| Yaniella flava (Yania flava)   | 1              |           |        |
| Yaniella fodinae → Enteractinococcus fodinae                         |                |           |        |
| Yaniella halotolerans (Yania halotolerans)                           | 1              |           |        |
| Yaniella soli  | 1              |           |        |
| <b>Yeosuana</b>  |                |           |        |
| Yeosuana aromativorans   | 1              |           |        |
| <b>Yersinia</b>  |                |           |        |
| Yersinia aldovae   | 1              |           |        |
| Yersinia aleksiciae  | 2              |           |        |
| Yersinia bercovieri  | 1              |           |        |
| Yersinia enterocolitica subsp. enterocolitica                        | 2              | Z         |        |
| Yersinia enterocolitica subsp. palearctica                           | 2              | Z         |        |
| Yersinia entomophaga   | 1              | n         |        |
| Yersinia frederiksenii   | 2              | Z         |        |
| Yersinia intermedia  | 2              | Z         |        |
| Yersinia kristensenii  | 2              | Z         |        |
| Yersinia massiliensis  | 1              |           |        |
| Yersinia mollaretii  | 1              |           |        |
| Yersinia nurmii  | 1              |           |        |
| Yersinia pekkanenii  | 1              |           |        |
| Yersinia pestis  | 3              | V, Z      |        |
| Yersinia philomiragia → Francisella philomiragia subsp. philomiragia |                |           |        |
| Yersinia pseudotuberculosis  | 2              | Z         |        |
| Yersinia rhodei  | 1 <sup>G</sup> | +         |        |
| Yersinia ruckeri   | 1 <sup>G</sup> | t2        |        |
| Yersinia similis   | 2              | Z         |        |
| Yersinia wautersii   | 2              | Z         | neu    |
| <b>Yimella</b>   |                |           |        |
| Yimella lutea  | 1              |           |        |
| Yimella radialis   | 1              |           | neu    |
| <b>Yokenella – synonym: Koserella</b>                                |                |           |        |
| Yokenella regensburgei – synonym: Koserella trabulsii                |                |           |        |
| <b>Yonghaparkia</b>  |                |           |        |
| Yonghaparkia alkaliphila   | 1              |           |        |
| <b>Youhaiella</b>  |                |           |        |
| Youhaiella tibetensis  | 1              |           | neu    |
| <b>Youngiibacter</b>   |                |           |        |
| Youngiibacter fragilis   | 1              |           |        |
| Youngiibacter multivorans (Acetivibrio multivorans)                  | 1              |           |        |
| <b>Youngimonas</b>   |                |           |        |
| Youngimonas vesicularis  | 1              |           | neu    |
| <b>Yuhushiella</b>   |                |           |        |
| Yuhushiella deserti  | 1              |           |        |
| <b>Zavarzinella</b>  |                |           |        |
| Zavarzinella formosa   | 1              |           |        |

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|---|--------------|-----------|--------|
| <b>Zavarzinia</b>   |              |           |        |
| Zavarzinia compransoris   | 1            |           |        |
| <b>Zeaxanthinibacter</b>  |              |           |        |
| Zeaxanthinibacter aestuarii   | 1            |           | neu    |
| Zeaxanthinibacter enoshimensis  | 1            |           |        |
| <b>Zhangella → Maritalea</b>  |              |           |        |
| Zhangella mobilis → Maritalea porphyrae   |              |           |        |
| <b>Zhihengliuella</b>   |              |           |        |
| Zhihengliuella aestuarii → Neomicrococcus aestuarii   |              |           | Umb.   |
| Zhihengliuella alba   | 1            |           |        |
| Zhihengliuella flava  | 1            |           |        |
| Zhihengliuella halotolerans   | 1            |           |        |
| Zhihengliuella salsuginis   | 1            |           |        |
| Zhihengliuella somnathii  | 1            |           | neu    |
| <b>Zhizhongheella</b>   |              |           |        |
| Zhizhongheella caldifontis  | 1            |           | neu    |
| <b>Zhongshania</b>  |              |           |        |
| Zhongshania aliphaticivorans  | 1            |           | neu    |
| Zhongshania antarctica  | 1            |           |        |
| Zhongshania borealis (Spongiibacter borealis)   | 1            |           | Umb.   |
| Zhongshania guokunii  | 1            |           |        |
| <b>Zhouia</b>   |              |           |        |
| Zhouia amylyolytica   | 1            |           |        |
| <b>Zimmermannella = Pseudoclavibacter</b>   |              |           |        |
| „Zimmermannella alba“   | 1            | +         |        |
| „Zimmermannella bifida“   | 1            | +         |        |
| „Zimmermannella faecalis“   | 1            |           |        |
| Zimmermannella helvola = Pseudoclavibacter helvolus   | 1            |           |        |
| <b>Zobellella</b>   |              |           |        |
| Zobellella aerophila  | 1            |           |        |
| Zobellella denitrificans  | 1            |           |        |
| Zobellella taiwanensis  | 1            |           |        |
| <b>Zobellia</b>   |              |           |        |
| Zobellia amurskyensis   | 1            |           |        |
| Zobellia galactanivorans  | 1            |           |        |
| Zobellia laminariae   | 1            |           |        |
| Zobellia russellii  | 1            |           |        |
| Zobellia uliginosa (Flavobacterium uliginosum, Cytophaga uliginosa, Cellulophaga uliginosa) | 1            |           |        |
| <b>Zoogloea</b>   |              |           |        |
| Zoogloea caeni  | 1            |           |        |
| Zoogloea oleivorans   | 1            |           | neu    |
| Zoogloea oryzae   | 1            |           |        |
| Zoogloea ramigera   | 1            |           |        |
| Zoogloea resiniphila  | 1            |           |        |
| <b>Zooshikella</b>  |              |           |        |

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|--|--------------|-----------|--------|
| Zooshikella ganghwensis                                | 1            |           |        |
| Zooshikella marina                                     | 1            |           | neu    |
| <b>Zunongwangia</b>                                    |              |           |        |
| Zunongwangia atlantica                                 | 1            |           |        |
| Zunongwangia endophytica                               | 1            |           | neu    |
| Zunongwangia mangrovi                                  | 1            |           |        |
| Zunongwangia profunda (Wangia profunda)                | 1            |           |        |
| <b>Zymobacter</b>                                      |              |           |        |
| Zymobacter palmae                                      | 1            |           |        |
| <b>Zymomonas</b>                                       |              |           |        |
| Zymomonas mobilis subsp. francensis                    | 1            |           |        |
| Zymomonas mobilis subsp. mobilis                       | 1            |           |        |
| Zymomonas mobilis subsp. pomacea                       | 1            |           |        |
| <b>Zymophilus</b>                                      |              |           |        |
| Zymophilus paucivorans → Propionispira paucivorans     |              |           | Umb.   |
| Zymophilus raffinovorans → Propionispira raffinovorans |              |           | Umb.   |

#### 4 Literatur

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- [5] TRBA 100 „Schutzmaßnahmen für Tätigkeiten mit biologischen Arbeitsstoffen in Laboratorien“, Ausgabe: Oktober 2013, GMBI. Nr. 51/52 vom 17. Oktober 2013, S. 1010-1042. Kapitel 5.4.1 Tätigkeiten mit biologischen Arbeitsstoffen der Risikogruppe 3, die mit (\*\*) gekennzeichnet sind, i.V.m. Anlage 1 „Bakterien“
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