

RICHTLINIEN

Einstufung von Organismen

Bakterien



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Rechtlicher Stellenwert dieser Publikation

Diese Publikation ist eine Vollzugshilfe des BUWAL als Aufsichtsbehörde und richtet sich primär an die Vollzugsbehörden. Sie konkretisiert unbestimmte Rechtsbegriffe von Gesetzen und Verordnungen und soll eine einheitliche Vollzugspraxis ermöglichen. Das BUWAL veröffentlicht solche Vollzugshilfen (oft auch als Richtlinien, Wegleitungen, Empfehlungen, Handbücher, Praxishilfen u.ä. bezeichnet) in seiner Reihe «Vollzug Umwelt».

Die Vollzugshilfen gewährleisten einerseits ein grosses Mass an Rechtsgleichheit und Rechtssicherheit; andererseits ermöglichen sie im Einzelfall flexible und angepasste Lösungen. Berücksichtigen die Vollzugsbehörden diese Vollzugshilfen, so können sie davon ausgehen, dass sie das Bundesrecht rechtskonform vollziehen. Andere Lösungen sind nicht ausgeschlossen, gemäss Gerichtspraxis muss jedoch nachgewiesen werden, dass sie rechtskonform sind.

Herausgeber

Bundesamt für Umwelt, Wald und Landschaft (BUWAL)
Das BUWAL ist ein Amt des Eidg. Departements für Umwelt, Verkehr, Energie und Kommunikation (UVEK)

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Bezug PDF

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1. Einleitung

Vorbemerkung

Mit dem Erlass der Verordnung über den Umgang mit Organismen in geschlossenen Systemen (Einschliessungsverordnung, ESV) hat der Bundesrat das Bundesamt für Umwelt, Wald und Landschaft (BUWAL) beauftragt, Listen der zugeordneten Organismen und der biologischen Sicherheitssysteme zu führen (Art. 22 ESV). Mit diesen Listen soll der Vollzug der Einschliessungsverordnung und der mit dieser verknüpften Verordnung über den Schutz der Arbeitnehmerinnen und Arbeitnehmer vor Gefährdung durch Mikroorganismen (SAMV) erleichtert und harmonisiert werden.

Das BUWAL hat zu diesem Zweck ausgehend von bestehenden Listen im In- und Ausland einen Entwurf für eine schweizerische Liste zur Klassierung von Bakterien entworfen und diesen zunächst der Eidgenössischen Fachkommission für biologische Sicherheit (EFBS) zur fachlichen Beurteilung vorgelegt. Anschliessend ist der überarbeitete Entwurf dem Bundesamt für Gesundheit (BAG), dem Bundesamt für Veterinärwesen (BVET), dem Bundesamt für Landwirtschaft (BLW), dem Staatssekretariat für Wirtschaft (seco) und der Schweiz. Unfallversicherungsanstalt (SUVA) zur Stellungnahme unterbreitet worden. Die vorliegende Veröffentlichung dieser Liste durch das BUWAL erfolgt im Einvernehmen mit den genannten Stellen.

Legende

- + In Einzelfällen als Krankheitserreger nachgewiesen oder vermutet, überwiegend bei erheblich abwehrgeminderten Menschen; Identifizierung der Art oft nicht zuverlässig.
- ** Bei Bakterien der Risikogruppe 3, die mit zwei "***" gekennzeichnet sind, ist normalerweise nicht mit einer Infektion auf dem Luftwege zu rechnen
- p Pathogen für Pflanzen.
Die Einfuhr solcher Bakterien bedarf in gewissen Fällen einer Bewilligung des Bundesamtes für Landwirtschaft.
- p? Fraglich pflanzenpathogen.
Nach heutigem Kenntnisstand kann noch nicht endgültig entschieden werden, ob der Organismus pflanzenpathogen ist.
- n Pathogen für Nichtwirbeltiere.
- n? Fraglich pathogen für Nichtwirbeltiere.
Nach heutigem Kenntnisstand kann noch nicht endgültig entschieden werden, ob der Organismus für Nichtwirbeltiere pathogen ist.
- t Pathogen für Wirbeltiere; der Mensch wird in der Regel nicht befallen.
- t? Fraglich pathogen für Wirbeltiere.
Nach heutigem Kenntnisstand kann noch nicht endgültig entschieden werden, ob der Organismus für Wirbeltiere pathogen ist.
- ? Nach heutigem Kenntnisstand ist eine endgültige Einstufung noch nicht möglich.
- TA Arten, von denen Stämme bekannt sind, die langjährig sicher in der technischen Anwendung gehandhabt wurden. Diese bewährten Stämme können daher nach den Zuordnungskriterien in die Gruppe 1 fallen.
- Q Quarantäneorganismus gemäss Pflanzenschutzverordnung.
Diese Mikroorganismen sind amtlichen Bekämpfungsmassnahmen unterstellt.
- X Noch ohne Einstufung.
Vor Beginn allfälliger Arbeiten mit diesen Organismen ist vom BUWAL (EFBS) eine Einstufung im Einzelfall anzufordern.

Anmerkungen zur Nomenklatur

- Arten, deren Bezeichnungen nach dem 1. 1. 1980 geändert wurden, sind in dieser Liste unter beiden Bezeichnungen zu finden: Bei der früheren Bezeichnung ist durch einen Pfeil (→) vermerkt, in welche Gattung bzw. Spezies das Bakterium inzwischen eingeordnet wurde.

Darüber hinaus wird die frühere Bezeichnung noch einmal in Klammern () hinter der heute gültigen Bezeichnung wiederholt. Zuordnung und evtl. Bemerkungen sind nur hinter dem 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.

- Werden für eine Art zwei verschiedene Bezeichnungen verwendet, die formal beide gültig sind, 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*

- Werden für eine Art zwei verschiedene Bezeichnungen verwendet, von denen eine formal Priorität gegenüber der anderen besitzt, wird darauf mit dem Hinweis "syn." (synonym) verwiesen.

Beispiel: *Acetivibrio cellulosolvens* – syn.: *Acetivibrio cellulolyticus*

Dabei besitzt die an zweiter Stelle (nach "syn.:") genannte Bezeichnung Priorität und wird deshalb mit den für die Einstufung relevanten Informationen versehen.

2. Bacteries

BACTERIES	GROUP	REMARKS
ABIOTROPHIA		
Abiotrophia adiacens (Streptococcus adiacens)	2	
Abiotrophia defectiva (Streptococcus defectivus)	2	
Abiotrophia balaena (Streptococcus balaenus)	2	t
Abiotrophia elegans (Streptococcus elegans)	2	
ACETITOMACULUM		
Acetitomaculum ruminis	1	
ACETIVIBRIO		
Acetivibrio cellulolyticus	1	
Acetivibrio cellulosolvans - syn.: Acetivibrio cellulolyticus		
Acetivibrio ethanolgignens	2	t
Acetivibrio multivorans	1	
ACETOANAEROBIUM		
Acetoanaerobium noterae	1	
ACETOBACTER		
Acetobacter aceti		X
Acetobacter aceti subsp. aceti	1	
Acetobacter aceti subsp. liquefaciens → Acetobacter liquefaciens		
Acetobacter aceti subsp. orleanensis	1	
Acetobacter aceti subsp. xylinus → Acetobacter xylinus subsp. xylinus		
Acetobacter diazotrophicus	1	
Acetobacter europaeus	1	
Acetobacter hansenii	1	
Acetobacter intermedius	1	
Acetobacter liquefaciens (Acetobacter aceti subsp. liquefaciens)	1	
Acetobacter methanolicus → Acidomonas methanolica		
Acetobacter pasteurianus subsp. ascendens	1	
Acetobacter pasteurianus subsp. estunensis	1	
Acetobacter pasteurianus subsp. lovaniensis	1	
Acetobacter pasteurianus subsp. paradoxus	1	
Acetobacter pasteurianus subsp. pasteurianus	1	
Acetobacter peroxydans	1	
Acetobacter pomorum	1	
Acetobacter xylinus subsp. sucrofermentans	1	
Acetobacter xylinus subsp. xylinus (Acetobacter aceti subsp. xylinum)	1	

ACETOBACTERIUM

Acetobacterium bakii	1
Acetobacterium carbinolicum	1
Acetobacterium fimetarium	1
Acetobacterium malicum	1
Acetobacterium paludosum	1
Acetobacterium wieringae	1
Acetobacterium woodii	1

ACETOFILAMENTUM

Acetofilamentum rigidum	1
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ACETOGENIUM → THERMOANAEROBACTER

Acetogenium kivui → Thermoanaerobacter kivui

ACETOHALOBIVM

Acetohalobium arabaticum	1
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ACETOMICROBIUM

Acetomicrobium faecale	1
Acetomicrobium flavidum	1

ACETONEMA

Acetonema longum	1
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ACETOTHERMUS

Acetothermus paucivorans	1
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ACHOLEPLASMA

Acholeplasma axanthum	2	t
Acholeplasma brassicae	1	n?p?
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	t?
Acholeplasma oculi	2	t
Acholeplasma palmae	1	n?p?
Acholeplasma parvum	1	
Acholeplasma seiffertii → Mesoplasma seiffertii		

ACHROMATIUM

Achromatium oxaliferum 1

ACHROMOBACTER → ALCALIGENES

Achromobacter piechaudii → Alcaligenes piechaudii

Achromobacter ruhlandii → Alcaligenes ruhlandii

Achromobacter xylosoxydans →
Alcaligenes xylosoxydans subsp. xylosoxydans

ACIDAMINOBACTER

Acidaminobacter hydrogenoformans 1

ACIDAMINOCOCCUS

Acidaminococcus fermentans 2

ACIDIANUS

Acidianus ambivalens (Desulfurolobus ambivalens) 1

Acidianus brierleyi (Sulfolobus brierleyi) 1

Acidianus infernus 1

ACIDIMICROBIUM

Acidimicrobium ferrooxidans 1

ACIDIPHILIUM

Acidiphilium aminolyticum → Acidocella aminolytica

Acidiphilium angustum 1

Acidiphilium cryptum 1

Acidiphilium facile → Acidocella facilis

Acidiphilium multivorum 1

Acidiphilium organovorum 1

Acidiphilium rubrum 1

ACIDOBACTERIUM

Acidobacterium capsulatum 1

ACIDOCELLA

Acidocella aminolytica (Acidiphilium aminolyticum) 1

Acidocella facilis (Acidiphilium facile) 1

ACIDOMONAS

Acidomonas methanolica (Acetobacter methanolicus) 1

ACIDOTHERMUS

Acidothermus cellulolyticus 1

ACIDOVORAX

Acidovorax anthurii	1	p
Acidovorax avenae	1	p
Acidovorax avenae subsp. avenae (Pseudomonas avenae)	1	p
Acidovorax avenae subsp. cattleyae (Pseudomonas cattleyae)	1	p
Acidovorax avenae subsp. citrulli (Pseudomonas pseudoalcaligenes subsp. citrulli)	1	p X
Acidovorax defluvii		X
Acidovorax delafieldii (Pseudomonas delafieldii)	1	+
Acidovorax facilis (Pseudomonas facilis)	1	
Acidovorax konjaci (Pseudomonas pseudoalcaligenes subsp. konjaci)	1	p
Acidovorax temperans	1	+

ACINETOBACTER

Acinetobacter baumannii	2	
Acinetobacter calcoaceticus	2	
Acinetobacter haemolyticus	2	
Acinetobacter johnsonii	2	
Acinetobacter junii	2	
Acinetobacter lwoffii	2	TA
Acinetobacter radioresistens	1	

ACTINOBACILLUS

Actinobacillus actinomycetemcomitans → Haemophilus actinomycetemcomitans		
Actinobacillus capsulatus	2	t
Actinobacillus delphinicola	2	t?
Actinobacillus equuli	2	t
Actinobacillus hominis	2	
Actinobacillus indolicus	1	
Actinobacillus lignieresii	2	t
Actinobacillus minor	1	
Actinobacillus muris	2	t
Actinobacillus pleuropneumoniae (Haemophilus pleuropneumoniae)	2	t
Actinobacillus porcinus	1	
Actinobacillus rossii	2	t
Actinobacillus scotiae	1	t
Actinobacillus seminis	2	t
Actinobacillus succinogenes	1	t
Actinobacillus suis	2	t
Actinobacillus ureae (Pasteurella ureae)	2	

ACTINOBACULUM		
Actinobaculum schaalii	2	
Actinobaculum suis (Actinomyces suis)	2	t
ACTINOBISPORA		
Actinobispora alaniniphila		X
Actinobispora aurantiaca		X
Actinobispora xinjiangensis		X
Actinobispora yunnanensis	1	
ACTINOCORALLIA		
Actinocorallia herbida	1	
ACTINOKINEOSPORA		
Actinokineospora diospyrosa	1	
Actinokineospora globicatena	1	
Actinokineospora inagensis	1	
Actinokineospora riparia	1	
Actinokineospora terrae	1	
ACTINOMADURA		
Actinomadura africana → Microtetraspora africana		
Actinomadura atramentaria	1	
Actinomadura aurantiaca	1	
Actinomadura carminata	1	
Actinomadura citrea	1	
Actinomadura coerulea	1	
Actinomadura coeruleofusca → Saccharothrix coeruleofusca		
Actinomadura coeruleoviolacea → Saccharothrix coeruleoviolacea		
Actinomadura cremea		X
Actinomadura cremea subsp. cremea	1	
Actinomadura cremea subsp. rifamycini	1	
Actinomadura echinospora (Microbispora echinospora)	1	
Actinomadura fastidiosa → Microtetraspora fastidiosa		
Actinomadura ferruginea → Microtetraspora ferruginea		
Actinomadura fibrosa	1	
Actinomadura flava → Saccharothrix flava		
Actinomadura flexuosa → Microtetraspora flexuosa		
Actinomadura formosensis		X
Actinomadura fulvescens	1	
Actinomadura glomerata		X
Actinomadura helvata → Microtetraspora helvata		
Actinomadura hibisca	1	

Actinomadura kijaniata	1	
Actinomadura latina		X
Actinomadura libanotica	1	
Actinomadura livida	1	
Actinomadura longicatena		X
Actinomadura longispora → Saccharothrix longispora		
Actinomadura luteofluorescens	1	
Actinomadura macra	1	
Actinomadura madurae	2	
Actinomadura malachitica - syn.: Actinomadura viridis		
Actinomadura nitritigenes	1	
Actinomadura oligospora	1	
Actinomadura pelletieri	2	
Actinomadura polychroma → Microtetraspora polychroma		
Actinomadura pusilla → Microtetraspora pusilla		
Actinomadura recticatena → Microtetraspora recticatena		
Actinomadura roseola → Microtetraspora roseola		
Actinomadura roseoviolacea → Microtetraspora roseoviolacea		
Actinomadura rubra → Microtetraspora rubra		
Actinomadura rubrobrunea (Excellospora rubrobrunea)	1	
Actinomadura rugatobispora (Microbispora viridis)	1	
Actinomadura salmonea → Microtetraspora salmonea		
Actinomadura spadix	1	
Actinomadura spiralis → Microtetraspora spiralis		
Actinomadura turkmeniaca → Microtetraspora turkmeniaca		
Actinomadura umbrina	1	
Actinomadura verrucosospora	1	
Actinomadura vinacea	1	
Actinomadura viridis (Microtetraspora viridis)	1	
Actinomadura yumaensis	1	
ACTINOMYCES		
Actinomyces bernardiae → Arcanobacterium bernardiae		
Actinomyces bovis	2	t
Actinomyces bowdenii		X
Actinomyces denticolens	1	
Actinomyces europaeus	2	
Actinomyces georgiae	1	
Actinomyces gerencseriae (Actinomyces israelii, Serovar 2)	2	
Actinomyces graevenitzii	2	
Actinomyces hordeovulneris	2	t
Actinomyces howellii	1	

Actinomyces humiferus	1	
Actinomyces hyovaginalis	2	t
Actinomyces israelii	2	
Actinomyces meyeri ("Actinobacterium" meyeri)	2	
Actinomyces naeslundii	2	
Actinomyces neuii	2	
Actinomyces neuii subsp. anitratus	2	
Actinomyces neuii subsp. neuii	2	
Actinomyces odontolyticus	2	
Actinomyces pyogenes → Arcanobacterium pyogenes		
Actinomyces radingae	2	
Actinomyces slackii	1	
Actinomyces suis → Actinobaculum suis		
Actinomyces turicensis	2	
Actinomyces viscosus	2	

ACTINOPLANES

Actinoplanes armeniacus → Streptomyces armeniacus	
Actinoplanes auranticolor (Amorphosporangium auranticolor)	1
Actinoplanes brasiliensis	1
Actinoplanes caeruleus → Couchioplanes caeruleus subsp. caeruleus	
Actinoplanes campanulatus (Ampullariella campanulata)	1
Actinoplanes consettensis	1
Actinoplanes cyaneus	1
Actinoplanes deccanensis	1
Actinoplanes derwentensis	1
Actinoplanes digitatis (Ampullariella digitata)	1
Actinoplanes durhamensis	1
Actinoplanes ferrugineus	1
Actinoplanes globisporus (Amorphosporangium globisporum)	1
Actinoplanes humidus	1
Actinoplanes italicus	1
Actinoplanes lobatus (Ampullariella lobata)	1
Actinoplanes minutisporangius	1
Actinoplanes missouriensi	1
Actinoplanes palleronii	1
Actinoplanes philippinensis	1
Actinoplanes rectilineatus	1
Actinoplanes regularis (Ampullariella regularis)	1
Actinoplanes utahensis	1

ACTINOPOLYSPORA

Actinopolyspora halophila	1
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Actinopolyspora iraqiensis	1	
Actinopolyspora mortivallis	1	
ACTINOPYCNIDIUM → STREPTOMYCES		
Actinopycnidium caeruleum - syn.: Streptomyces humiferus		
ACTINOSPORANGIUM → STREPTOMYCES		
Actinosporangium violaceum – syn.: Streptomyces paradoxus		
Actinosporangium vitaminophilum → Streptomyces vitaminophilus		
ACTINOSYNNEMA		
Actinosynnema mirum	1	
Actinosynnema pretiosum subsp. auranticum	1	
Actinosynnema pretiosum subsp. pretiosum	1	
AEGYPTIANELLA		
Aegyptianella pullorum	2	t
AEROCOCCUS		
Aerococcus christensenii	2	
Aerococcus urinae	2	
Aerococcus viridans	2	TA
AEROMICROBIUM		
Aeromicrobium erythreum	1	
Aeromicrobium fastidiosum (Nocardioides fastidiosus)	1	
AEROMONAS		
Aeromonas allosaccharophila	2	
Aeromonas bestiarum	2	
Aeromonas caviae	2	
Aeromonas encheleia	1	+t?
Aeromonas enteropelogenes	1	+
Aeromonas eucrenophila	1	+
Aeromonas hydrophila	2	
Aeromonas hydrophila subsp. anaerogenes	2	
Aeromonas hydrophila subsp. hydrophila	2	
Aeromonas hydrophila subsp. proteolytica → Vibrio proteolyticus		
Aeromonas ichthiosmia	1	+
Aeromonas jandaei	2	
Aeromonas media	1	
Aeromonas popoffii	1	

<i>Aeromonas punctata</i>	2	
<i>Aeromonas punctata</i> subsp. <i>caviae</i>	2	
<i>Aeromonas punctata</i> subsp. <i>punctata</i>	2	
<i>Aeromonas salmonicida</i>	2	
<i>Aeromonas salmonicida</i> subsp. <i>achromogenes</i>	2	t
<i>Aeromonas salmonicida</i> subsp. <i>masoucida</i>	2	t
<i>Aeromonas salmonicida</i> subsp. <i>salmonicida</i>	2	t
<i>Aeromonas salmonicida</i> subsp. <i>smithia</i>	2	t
<i>Aeromonas schubertii</i>	2	
<i>Aeromonas sobria</i>	2	
<i>Aeromonas trota</i>	2	
<i>Aeromonas tructi</i>	2	
<i>Aeromonas veronii</i>	2	
AEROPYRUM		
<i>Aeropyrum pernix</i>	1	
AFIPIA		
<i>Afipia broomeae</i>	2	
<i>Afipia clevelandensis</i>	2	
<i>Afipia felis</i>	2	
AGITOCOCCUS		
<i>Agitococcus lubricus</i>	1	
AGROBACTERIUM		
<i>Agrobacterium atlanticum</i>	1	
<i>Agrobacterium ferrugineum</i>	1	
<i>Agrobacterium gelatinovororum</i>	1	
<i>Agrobacterium meteori</i>	1	
<i>Agrobacterium radiobacter</i> - syn.: <i>Agrobacterium tumefaciens</i>		
<i>Agrobacterium rhizogenes</i>	1	p
<i>Agrobacterium rubi</i>	1	p
<i>Agrobacterium stellulatum</i>	1	
<i>Agrobacterium tumefaciens</i>	1	p+
<i>Agrobacterium vitis</i>	1	p
AGROCOCCUS		
<i>Agrococcus citreus</i>	1	
<i>Agrococcus jenensis</i>	1	
AGROMONAS		
<i>Agromonas oligotrophica</i>	1	
AGROMYCES		

Agromyces cerinus	1
Agromyces cerinus subsp. cerinus	1
Agromyces cerinus subsp. nitratus	1
Agromyces fucosus	1
Agromyces fucosus subsp. fucosus	1
Agromyces fucosus subsp. hippuratus	1
Agromyces mediolanus ("Corynebacterium mediolanum")	1
Agromyces ramosus	1

AHRENSIA

Ahrensia kiensis X

ALCALIGENES

Alcaligenes aestus → Deleya aesta		
Alcaligenes aquamarinus → Deleya aquamarina		
Alcaligenes cupidus → Deleya cupida		
Alcaligenes defragrans	2	
Alcaligenes denitrificans		
(Alcaligenes xyloxydans subsp. denitrificans;		
Alcaligenes denitrificans subsp. denitrificans;		
Alcaligenes denitrificans subsp. xyloxydans)	2	
Alcaligenes eutrophus → Ralstonia eutropha		
Alcaligenes faecalis	2	
Alcaligenes faecalis subsp. faecalis	2	
Alcaligenes faecalis subsp. homari - syn.:		
Deleya aquamarina		
Alcaligenes latus	1	
Alcaligenes pacificus → Deleya pacifica		
Alcaligenes paradoxus → Variovorax paradoxus		
Alcaligenes piechaudii (Achromobacter piechaudii)	2	
Alcaligenes ruhlandii (Achromobacter ruhlandii)	1	+
Alcaligenes venustus → Deleya venusta		
Alcaligenes xyloxydans (Alcaligenes xyloxydans		
subsp. xyloxydans; Achromobacter xyloxydans;		
Alcaligenes denitrificans subsp. xyloxydans)	2	
Alcaligenes xyloxydans subsp. denitrificans		
(Alcaligenes denitrificans subsp. denitrificans) →		
Alcaligenes denitrificans		
Alcaligenes xyloxydans subsp. xyloxydans		
(Achromobacter xyloxydans; Alcaligenes denitrificans		
subsp. xyloxydans) → Alcaligenes xyloxydans		

ALCANIVORAX

Alcanivorax borkumensis X

ALICYCLOBACILLUS

Alicyclobacillus acidocaldarius (Bacillus acidocaldarius)	1	
Alicyclobacillus acidoterrestris (Bacillus acidoterrestris)	1	
Alicyclobacillus cycloheptanicus (Bacillus cycloheptanicus)	1	
ALLOCHROMATIUM		
Allochromatium minutissimum		X
Allochromatium vinosum		X
Allochromatium warmingii		X
ALLOIOCOCCUS		
Alloiococcus otitis	2	
ALLOMONAS		
Allomonas enterica	2	
ALLORHIZOBIUM		
Allorhizobium undicola		X
ALTEROCOCCUS		
Alterococcus agarolyticus		X
ALTEROMONAS		
Alteromonas atlantica → Pseudoalteromonas atlantica		
Alteromonas aurantia → Pseudoalteromonas aurantia		
Alteromonas carrageenovora → Pseudoalteromonas carrageenovora		
Alteromonas citrea → Pseudoalteromonas citrea		
Alteromonas colwelliana → Shewanella colwelliana		
Alteromonas communis → Marinomonas communis = Oceanospirillum commune		
Alteromonas denitrificans → Pseudoalteromonas denitrificans		
Alteromonas distincta	1	
Alteromonas elyakovii	1	n?
Alteromonas espejiana → Pseudoalteromonas espejiana		
Alteromonas fuliginea	1	
Alteromonas haloplanktis → Pseudoalteromonas haloplanktis		
Alteromonas hanedai → Shewanella hanedai		
Alteromonas luteoviolacea → Pseudoalteromonas luteoviolacea		
Alteromonas macleodii	1	
Alteromonas nigrifaciens → Pseudoalteromonas nigrifaciens		
Alteromonas putrefaciens → Shewanella putrefaciens		

Alteromonas rubra → Pseudoalteromonas rubra
 Alteromonas tetraodonis →
 Pseudoalteromonas haloplanktis subsp. tetraodonis
 Alteromonas undina → Pseudoalteromonas undina
 Alteromonas vaga → Marinomonas vaga =
 Oceanospirillum vagum

ALYSIELLA

Alysiella filiformis 1

AMARICOCCUS

Amaricoccus kaplicensis 1
 Amaricoccus macauensis 1
 Amaricoccus tamworthensis 1
 Amaricoccus veronensis 1

AMINOBACTER

Aminobacter aganoensis 1
 Aminobacter aminovorans (Pseudomonas aminovorans) 1
 Aminobacter niigataensis 1

AMINOBACTERIUM

Aminobacterium colombiense X

AMINOMONAS

Aminomonas paucivorans X

AMMONIPHILUS

Ammoniphilus oxalaticus X
 Ammoniphilus oxalivorans X

AMMONIFEX

Ammonifex degensii 1

AMOEBOBACTER

Amoebobacter pedioformis 1
 Amoebobacter pendens 1
 Amoebobacter purpureus 1
 Amoebobacter roseus 1

AMORPHOSPORANGIUM → ACTINOPLANES

Amorphosporangium auranticolor →
 Actinoplanes auranticolor
 Amorphosporangium globisporum →
 Actinoplanes globisporus

AMPHIBACILLUS		
Amphibacillus xylanus	1	
AMPULLARIELLA → ACTINOPLANES		
Ampullariella campanulata → Actinoplanes campanulatus		
Ampullariella digitata → Actinoplanes digitatis		
Ampullariella lobata → Actinoplanes lobatus		
Ampullariella regularis → Actinoplanes regularis		
AMYCOLATA → PSEUDONOCARDIA		
Amycolata alni → Pseudonocardia alni		
Amycolata autotrophica (Nocardia autotrophica) → Pseudonocardia autotrophica		
Amycolata hydrocarbonoxydans (Nocardia hydrocarbon- oxydans) → Pseudonocardia hydrocarbonoxydans		
Amycolata saturnea (Nocardia saturnea) → Pseudonocardia saturnea		
AMYCOLATOPSIS		
Amycolatopsis alba	1	
Amycolatopsis azurea (Pseudonocardia azurea)	1	
Amycolatopsis coloradensis	1	
Amycolatopsis fastidiosa	1	
Amycolatopsis japonica	1	
Amycolatopsis mediterranei (Nocardia mediterranei)	1	
Amycolatopsis methanolica	1	
Amycolatopsis orientalis	1	
Amycolatopsis orientalis subsp. lurida	1	
Amycolatopsis orientalis subsp. orientalis (Nocardia orientalis)	1	+
Amycolatopsis rugosa	1	
Amycolatopsis sulphurea	1	
Amycolatopsis thermoflava	1	
ANAEROARCUS		
Anaeroarcus burkinensis		X
ANAEROBACTER		
Anaerobacter polyendosporus	1	
ANAEROBACULUM		
Anaerobaculum thermoterrenum	1	
ANAEROBIOSPIRILLUM		
Anaerobiospirillum succiniciproducens	2	
Anaerobiospirillum thomasii	2	

ANAEROBRANCA		
Anaerobranca horikoshii	1	
ANAEROFILUM		
Anaerofilum agile	1	
Anaerofilum pentosovorans	1	
ANAEROMUSA		
Anaeromusa acidaminophila		X
ANAEROPLASMA		
Anaeroplasma abactoclasticum	1	
Anaeroplasma bactoclasticum	1	
Anaeroplasma intermedium	1	
Anaeroplasma varium	1	
ANAERORHABDUS		
Anaerorhabdus furcosus (Bacteroides furcosus)	2	
ANAEROSINUS		
Anaerosinus glycerini		X
ANAEROVIBRIO		
Anaerovibrio burkinabensis	1	
Anaerovibrio glycerini	1	
Anaerovibrio lipolyticus	1	
ANAPLASMA		
Anaplasma caudatum	2	t
Anaplasma centrale	2	t
Anaplasma marginale	2	t
Anaplasma ovis	2	t
ANCALOCHLORIS		
Ancalochloris perfilievii	1	
ANCALOMICROBIUM		
Ancalomicrobium adetum	1	
ANCYLOBACTER		
Ancylobacter aquaticus (Microcyclus aquaticus)	1	
ANEURINIBACILLUS		
Aneurinibacillus aneurinilyticus (Bacillus aneurinilyticus)	1	
Aneurinibacillus migulanus (Bacillus migulanus)	1	

Aneurinibacillus thermoaerophilus (Bacillus thermoaerophilus)	1	
ANGIOCOCCUS		
Angiococcus disciformis (Myxococcus disciformis)	1	
ANGULOMICROBIUM		
Angulomicrobium tetraedrale	1	
ANTARCTOBACTER		
Antarctobacter heliothermus		X
AQUABACTER		
Aquabacter spiritensis	1	
AQUABACTERIUM		
Aquabacterium citratiphilum		X
Aquabacterium commune		X
Aquabacterium parvum		X
AQUAMICROBIUM		
Aquamicrobium defluvii	1	
AQUASPIRILLUM		
Aquaspirillum anulus	1	
Aquaspirillum aquaticum - syn.: Comamonas terrigena		
Aquaspirillum arcticum	1	
Aquaspirillum autotrophicum	1	
Aquaspirillum bengal - syn.: Aquaspirillum serpens		
Aquaspirillum delicatum	1	
Aquaspirillum dispar	1	
Aquaspirillum fasciculus → Prolinoborus fasciculus		
Aquaspirillum giesbergeri - syn.: Aquaspirillum serpens		
Aquaspirillum gracile - syn.: Aquaspirillum serpens		
Aquaspirillum itersonii subsp. itersonii - syn.:		
Aquaspirillum serpens		
Aquaspirillum itersonii subsp. nipponicum - syn.:		
Aquaspirillum serpens		
Aquaspirillum magnetotacticum → Magnetospirillum magnetotacticum		
Aquaspirillum metamorphum	1	
Aquaspirillum peregrinum subsp. integrum	1	
Aquaspirillum peregrinum subsp. peregrinum	1	
Aquaspirillum polymorphum	1	
Aquaspirillum psychrophilum	1	
Aquaspirillum putridiconchylum	1	

Aquaspirillum serpens	1	
Aquaspirillum sinuosum	1	
AQUIFEX		
Aquifex pyrophilus	1	
ARACHNIA → PROPIONIBACTERIUM		
Arachnia propionica → Propionibacterium propionicum		
ARCANOBACTERIUM		
Arcanobacterium bernardiae (Actinomyces bernardiae)	2	
Arcanobacterium haemolyticum ("Corynebacterium haemolyticum")	2	
Arcanobacterium phocae	2	t?
Arcanobacterium pyogenes (Actinomyces pyogenes; Corynebacterium pyogenes)	2	
ARCHAEOGLOBUS		
Archaeoglobus fulgidus	1	
Archaeoglobus profundus	1	
Archaeoglobus veneficus	1	
ARCHANGIUM		
Archangium gephyra	1	
ARCOBACTER		
Arcobacter butzleri (Campylobacter butzleri)	2	
Arcobacter cryaerophilus (Campylobacter cryaerophilus)	2	t
Arcobacter nitrofigilis (Campylobacter nitrofigilis)	1	
Arcobacter skirrowii	1	+t
ARHODOMONAS		
Arhodomonas aquaeolei	1	
ARSENOPHONUS		
Arsenophonus nasoniae	1	n
ARTHROBACTER		
Arthrobacter agilis (Micrococcus agilis)	1	
Arthrobacter atrocyaneus	1	
Arthrobacter aurescens	1	
Arthrobacter citreus	1	
Arthrobacter creatinolyticus	2	
Arthrobacter crystallopoietes	1	
Arthrobacter cumminsii	2	
Arthrobacter duodecadis	1	

Arthrobacter flavescens → Aureobacterium flavescens		
Arthrobacter globiformis	1	
Arthrobacter histidinovorans	1	
Arthrobacter ilicis (Corynebacterium ilicis)	1	p
Arthrobacter mysorens	1	
Arthrobacter nicotianae	1	
Arthrobacter nicotinovorans	1	
Arthrobacter oxydans	1	
Arthrobacter pascens	1	
Arthrobacter picolinophilus → Rhodococcus erythropolis		
Arthrobacter polychromogenes	1	
Arthrobacter protophormiae (Brevibacterium protophormiae)	1	
Arthrobacter radiotolerans → Rubrobacter radiotolerans		
Arthrobacter rhombi	1	
Arthrobacter ramosus	1	
Arthrobacter siderocapsulatus	1	
Arthrobacter simplex → Nocardioides simplex		
Arthrobacter sulfureus	1	
Arthrobacter terregens → Aureobacterium terregens		
Arthrobacter tumescens → Terrabacter tumescens		
Arthrobacter uratoxydans	1	
Arthrobacter ureafaciens	1	
Arthrobacter variabilis → Corynebacterium variabile		
Arthrobacter viscosus	1	
Arthrobacter woluwensis	2	
ASTEROLEPLASMA		
Asteroleplasma anaerobium	1	
ASTICCACAULIS		
Asticcacaulis biprosthecium	1	
Asticcacaulis excentricus	1	
ATOPOBIUM		
Atopobium fossor	2	
Atopobium minutum (Lactobacillus minutus)	2	
Atopobium parvulum (Streptococcus parvulus)	2	
Atopobium rimae (Lactobacillus rimae)	2	
Atopobium vaginae	2	
AUREOBACTERIUM		
Aureobacterium arabinogalactanolyticum	1	
Aureobacterium barkeri	1	
Aureobacterium esteraromaticum (Flavobacterium ester- aromaticum)	1	

Aureobacterium flavescens (Arthrobacter flavescens)	1
Aureobacterium keratanolyticum	1
Aureobacterium liquefaciens	1
Aureobacterium luteolum	1
Aureobacterium resistens	1
Aureobacterium saperdae (Brevibacterium saperdae, Curtobacterium saperdae)	1
Aureobacterium schleiferi	1
Aureobacterium terrae	1
Aureobacterium terregens (Arthrobacter terregens)	1
Aureobacterium testaceum (Brevibacterium testaceum, Curtobacterium testaceum)	1
Aureobacterium trichothecenolyticum	1
AZOARCUS	
Azoarcus anaerobius	1
Azoarcus communis	1
Azoarcus evansii	1
Azoarcus indigens	1
Azoarcus toluclasticus	1
Azoarcus tolulyticus	1
Azoarcus toluvorans	1
AZOMONAS	
Azomonas agilis	1
Azomonas insignis	1
Azomonas macrocytogenes (Azomonotrichon macrocytogenes, Azotobacter macrocytogenes)	1
AZOMONOTRICHON → AZOMONAS	
Azomonotrichon macrocytogenes → Azomonas macrocytogenes	
AZORHIZOBIUM	
Azorhizobium caulinodans	1
AZORHIZOPHILUS	
Azorhizophilus paspali (Azotobacter paspali)	1
AZOSPIRILLUM	
Azospirillum amazonense	1
Azospirillum brasilense	1
Azospirillum halopraeferens	1
Azospirillum irakense	1
Azospirillum largimobile (Conglomeromonas largimobilis)	

subsp. largimobilis)	1		
Azospirillum lipoferum	1		
AZOTOBACTER			
Azotobacter armeniacus	1		
Azotobacter beijerinckii	1		
Azotobacter chroococcum	1		
Azotobacter macrocytogenes → Azomonas macrocytogenes			
Azotobacter nigricans	1		
Azotobacter nigricans subsp. achromogenes	1		
Azotobacter nigricans subsp. nigricans	1		
Azotobacter paspali → Azorhizophilus paspali			
Azotobacter salinestris	1		
Azotobacter vinelandii	1		
BACILLUS			
Bacillus acidocaldarius → Alicyclobacillus acidocaldarius	1		
Bacillus acidoterrestris → Alicyclobacillus acidoterrestris	1		
Bacillus agaradhaerens	1		
Bacillus agri → Brevibacillus agri			
Bacillus alcalophilus	1		
Bacillus alginolyticus → Paenibacillus alginolyticus			
Bacillus alvei → Paenibacillus alvei			
Bacillus amyloliquefaciens	1		
Bacillus amylolyticus → Paenibacillus amylolyticus			
Bacillus aneurinilyticus → Aneurinibacillus aneurinilyticus			
Bacillus anthracis		3	
Bacillus atrophaeus	1		+
Bacillus azotofixans → Paenibacillus azotofixans			
Bacillus azotoformans	1		
Bacillus badius	1		
Bacillus benzoovorans	1		
Bacillus borstelensis → Brevibacillus borstelensis			
Bacillus brevis → Brevibacillus brevis			
Bacillus carboniphilus	1		
Bacillus centrosporus → Brevibacillus centrosporus			
Bacillus cereus		2	p? TA
Bacillus chitinolyticus	1		
Bacillus chondroitinus → Paenibacillus chondroitinus			
Bacillus choshinensis → Brevibacillus choshinensis			
Bacillus circulans	1		+p?
Bacillus clarkii	1		
Bacillus clausii	1		
Bacillus coagulans	1		+
Bacillus cohnii	1		
Bacillus curdlanolyticus → Paenibacillus curdlanolyticus			

Bacillus cycloheptanicus → Alicyclobacillus cycloheptanicus		
Bacillus dipsosauri	1	
Bacillus edaphicus	1	
Bacillus ehimensis	1	
Bacillus fastidiosus	1	
Bacillus firmus	1	
Bacillus flexus	1	
Bacillus formosus → Brevibacillus formosus		
Bacillus fusiformis	1	
Bacillus galactophilus - syn.: Bacillus agri		
Bacillus gibsonii	1	
Bacillus globisporus	1	
Bacillus globisporus subsp. globisporus	1	
Bacillus globisporus marinus → Bacillus marinus		
Bacillus glucanolyticus → Paenibacillus glucanolyticus		
Bacillus gordonae → Paenibacillus gordonae		
Bacillus halmapalus	1	
Bacillus haloalkaliphilus	1	
Bacillus halodenitrificans	1	
Bacillus halodurans ("Bacillus alcalophilus subsp. halodurans")	1	
Bacillus halophilus	1	
Bacillus horikoshii	1	
Bacillus horti1		
Bacillus infernus	1	
Bacillus insolitus	1	
Bacillus kaustophilus	1	
Bacillus kobensis → Paenibacillus kobensis		
Bacillus laevolacticus	1	
Bacillus larvae → Paenibacillus larvae		
Bacillus laterosporus → Brevibacillus laterosporus		
Bacillus lautus → Paenibacillus lautus		
Bacillus lentimorbus	1	n
Bacillus lentus	1	
Bacillus licheniformis	1	+p?
Bacillus macerans → Paenibacillus macerans		
Bacillus macquariensis → Paenibacillus macquariensis		
Bacillus marinus (Bacillus globisporus subsp. marinus)	1	
Bacillus marismortui	1	
Bacillus megaterium	1	+p?
Bacillus methanolicus	1	
Bacillus migulanus → Aneurinibacillus migulanus		
Bacillus mojavensis	1	
Bacillus mucilaginosus	1	
Bacillus mycoides	1	

Bacillus naganoensis	1	
Bacillus niacini	1	
Bacillus oleronius	1	
Bacillus pabuli → Paenibacillus pabuli		
Bacillus pallidus	1	
Bacillus pantothenicus	1	
Bacillus parabrevis → Brevibacillus parabrevis		
Bacillus pasteurii	1	
Bacillus peoriae → Paenibacillus peoriae		
Bacillus polymyxa → Paenibacillus polymyxa		
Bacillus popilliae	1	n
Bacillus pseudocaliphilus	1	
Bacillus pseudofirmus	1	
Bacillus pseudomycooides	2	
Bacillus psychrophilus	1	
Bacillus psychrosaccharolyticus	1	
Bacillus pulvifaciens → Paenibacillus pulvifaciens		
Bacillus pumilus	1	+
Bacillus reuszeri → Brevibacillus reuszeri		
Bacillus salexigens	1	
Bacillus schlegelii	1	
Bacillus silvestris	1	
Bacillus simplex	1	
Bacillus smithii	1	
Bacillus sphaericus	1	+n
Bacillus sporothermodurans	1	
Bacillus stearothermophilus	1	
Bacillus subtilis	1	+
Bacillus subtilis subsp. subtilis	1	+
Bacillus subtilis subst. Spizizenii	1	+
Bacillus thermoaerophilus → Aneurinibacillus thermoaerophilus		
Bacillus thermoamylovorans	1	
Bacillus thermocatenulatus	1	
Bacillus thermocloaceae	1	
Bacillus thermoglucosidasius	1	
Bacillus thermoleovorans	1	
Bacillus thermoruber → Brevibacillus thermoruber		
Bacillus thermosphaericus	1	
Bacillus thiaminolyticus → Paenibacillus thiaminolyticus		
Bacillus thuringiensis	1	+n
Bacillus tusciae	1	
Bacillus validus → Paenibacillus validus		
Bacillus vallismortis	1	
Bacillus vedderi	1	
Bacillus weihenstephanensis	1	

BACTERIONEMA → CORYNEBACTERIUM

Bacterionema matruchotii → Corynebacterium matruchotii

BACTEROIDES

Bacteroides amylophilus → Ruminobacter amylophilus

Bacteroides asacch → Prevotella bivia

Bacteroides buccae → Prevotella buccae

Bacteroides buccalis → Prevotella buccalis

Bacteroides caccae 2

Bacteroides capillosus 2

Bacteroides capillus - syn.: Bacteroides buccae →
Prevotella buccae

Bacteroides cellulosolvens 1

Bacteroides coagulans 2

Bacteroides corporis → Prevotella corporis

Bacteroides denticola → Prevotella denticola

Bacteroides disiens → Prevotella disiens

Bacteroides distasonis 2

Bacteroides eggerthii 2

Bacteroides endodontalis → Porphyromonas endodontalis

Bacteroides forsythus 2

Bacteroides fragilis 2 TA

Bacteroides furcosus → Anaerorhabdus furcosus

Bacteroides galacturonicus 1 +

Bacteroides gingivalis → Porphyromonas gingivalis

Bacteroides gracilis → Campylobacter gracilis

Bacteroides helcogenes 2 t

Bacteroides heparinolyticus → Prevotella heparinolytica

Bacteroides hypermegalalis → Megamonas hypermegalalis

Bacteroides intermedius → Prevotella intermedia

Bacteroides levii → Porphyromonas levii

Bacteroides loescheii → Prevotella loescheii

Bacteroides macacae (Bacteroides melaninogenicus subsp.
macacae) → Porphyromonas macacae

Bacteroides melaninogenicus → Prevotella melaninogenica

Bacteroides melaninogenicus subsp. intermedius →
Prevotella intermediaBacteroides melaninogenicus subsp. macacae →
Bacteroides macacaeBacteroides melaninogenicus subsp. melaninogenicus
→ Prevotella melaninogenica

Bacteroides merdae 1 +

Bacteroides microfusis → Rikenella microfusis

Bacteroides multiacidus → Mitsuokella multiacida

Bacteroides nodosus → Dichelobacter nodosus

Bacteroides ochraceus → Capnocytophaga ochracea		
Bacteroides oralis → Prevotella oralis		
Bacteroides oris → Prevotella oris		
Bacteroides oulorum → Prevotella oulorum		
Bacteroides ovatus	2	
Bacteroides pectinophilus	1	+
Bacteroides pentosaceus - syn.: Bacteroides buccae → Prevotella buccae		
Bacteroides pneumosintes → Dialister pneumosintes		
Bacteroides polypragmatus	1	
Bacteroides praeacutus → Tissierella praeacuta		
Bacteroides putredinis	2	
Bacteroides pyogenes	2	t
Bacteroides ruminicola	2	
Bacteroides ruminicola subsp. brevis → Prevotella brevis		
Bacteroides ruminicola subsp. ruminicola → Prevotella ruminicola		
Bacteroides salivosus → Porphyromonas salivosa		
Bacteroides splanchnicus	2	
Bacteroides stercoris	2	
Bacteroides succinogenes → Fibrobacter succinogenes subsp. succinogenes		
Bacteroides suis	2	t
Bacteroides tectus	2	t
Bacteroides termitidis → Sebadella termitidis		
Bacteroides thetaiotaomicron	2	
Bacteroides uniformis	2	
Bacteroides ureolyticus	2	
Bacteroides veroralis → Prevotella veroralis		
Bacteroides vulgatus	1	+
Bacteroides xyloxyticus	1	
Bacteroides zooglyphiformans (Capsularis zooglyphiformans) → Prevotella zooglyphiformans		
BACTODERMA		
Bactoderma alba	1	
Bactoderma rosea	1	
BALNEATRIX		
Balneatrix alpica	2	
BARTONELLA		
Bartonella alsatica	2	
Bartonella bacilliformis	2	
Bartonella clarridgeiae	2	

Bartonella doshiae	2	t
Bartonella elizabethae (Rochalimaea elizabethae)	2	
Bartonella grahamii	2	t
Bartonella henselae (Rochalimaea henselae)	2	
Bartonella peromysci (Grahamella peromysci)	2	t
Bartonella quintana (Rochalimaea quintana)	2	
Bartonella talpae (Grahamella talpae)	2	t
Bartonella taylorii	2	t
Bartonella tribocorum	2	
Bartonella vinsonii (Rochalimaea vinsonii)	2	t
Bartonella vinsonii subsp. berkhoffii	2	t
Bartonella vinsonii subsp. vinsonii	2	t
BDELLOVIBRIO		
Bdellovibrio bacteriovorus	1	
Bdellovibrio starrii	1	
Bdellovibrio stolpii	1	
BEGGIATO		
Beggiatoa alba	1	
BEIJERINCKIA		
Beijerinckia derxii		X
Beijerinckia derxii subsp. derxii	1	
Beijerinckia derxii subsp. venezuelae	1	
Beijerinckia fluminensis	1	
Beijerinckia indica	1	
Beijerinckia indica subsp. indica	1	
Beijerinckia indica subsp. lacticogenes	1	
Beijerinckia mobilis	1	
BENECKEA → VIBRIO		
Beneckea alginolytica = Vibrio alginolyticus	2	TA
Beneckea campbellii → Vibrio campbellii		
Beneckea gazogenes → Vibrio gazogenes		
Beneckea harveyi → Vibrio harveyi		
Beneckea natrigens → Vibrio natrigens		
Beneckea nereis → Vibrio nereis		
Beneckea nigripulchritudo → Vibrio nigripulchritudo		
Beneckea parahaemolytica = Vibrio parahaemolyticus	2	
Beneckea pelagia → Listonella pelagia		
Beneckea splendida → Vibrio splendidus		
Beneckea vulnifica → Vibrio vulnificus		
BERGEYELLA		
Bergeyella zoohelcum (Weeksella zoohelcum)	2	

BEUTENBERGIA

Beutenbergia cavernae		X
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BIFIDOBACTERIUM

Bifidobacterium adolescentis	1	+
Bifidobacterium angulatum	1	
Bifidobacterium animalis	1	
Bifidobacterium asteroides	1	
Bifidobacterium bifidum	1	
Bifidobacterium boum	1	
Bifidobacterium breve	1	+
Bifidobacterium catenulatum	1	
Bifidobacterium choerinum	1	
Bifidobacterium coryneforme	1	
Bifidobacterium cuniculi	1	
Bifidobacterium denticolens	1	+
Bifidobacterium dentium	2	
Bifidobacterium gallicum	1	
Bifidobacterium gallinarum	1	
Bifidobacterium globosum →		
Bifidobacterium pseudolongum subsp. globosum		
Bifidobacterium indicum	1	
Bifidobacterium infantis	1	
Bifidobacterium inopinatum	1	+
Bifidobacterium lactis	1	
Bifidobacterium longum	1	
Bifidobacterium magnum	1	
Bifidobacterium merycicum	1	
Bifidobacterium minimum	1	
Bifidobacterium pseudocatenulatum	1	
Bifidobacterium pseudolongum	1	
Bifidobacterium pseudolongum subsp. globosum (Bifidobacterium globosum)	1	
Bifidobacterium pseudolongum subsp. pseudolongum	1	
Bifidobacterium pullorum	1	
Bifidobacterium ruminantium	1	
Bifidobacterium saeculare	1	
Bifidobacterium subtile	1	
Bifidobacterium suis	1	
Bifidobacterium thermophilum	1	

BILOPHILA

Bilophila wadsworthia	2	
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BLASTOBACTER

Blastobacter aggregatus	1	
Blastobacter capsulatus	1	
Blastobacter denitrificans	1	
Blastobacter henricii	1	
Blastobacter natatorius → Blastomonas natatoria		

BLASTOCHLORIS

Blastochloris sulfovirdis (Rhodopseudomonas sulfovirdis)	1	
Blastochloris viridis (Rhodopseudomonas viridis)	1	

BLASTOCOCCUS

Blastococcus aggregatus	1	
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BLASTOMONAS

Blastomonas natatoria (Blastobacter natatorius)	1	
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BLATTABACTERIUM

Blattabacterium cuenoti	1	
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BOGORIELLA

Bogoriella caseilytica	1	
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BORDETELLA

Bordetella avium	2	t
Bordetella bronchiseptica	2	
Bordetella hinzii	2	
Bordetella holmesii	2	
Bordetella parapertussis	2	
Bordetella pertussis	2	
Bordetella trematum	2	

BORRELIA

Borrelia afzelii		
Borrelia anserina	2	
Borrelia baltazardii	2	
Borrelia brasiliensis	2	t
Borrelia burgdorferi	2	
Borrelia caucasica	2	
Borrelia coriaceae	2	t
Borrelia crocidurae	2	
Borrelia dugesii	2	t
Borrelia duttonii	2	
Borrelia garinii	2	
Borrelia graingeri	2	
Borrelia harveyi	2	t

Borrelia hermsii	2	
Borrelia hispanica	2	
Borrelia japonica	1	+
Borrelia latyschewii	2	
Borrelia lusitaniae	1	
Borrelia mazzottii	2	
Borrelia miyamotoi	2	
Borrelia parkeri	2	
Borrelia persica	2	
Borrelia recurrentis	2	
Borrelia tanukii	2	t
Borrelia theileri	2	t
Borrelia tillae	2	t
Borrelia turdi	2	t
Borrelia turicatae	2	
Borrelia valaisiana	2	
Borrelia venezuelensis	2	

BOSEA

Bosea thiooxidans	1	
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BRACHYBACTERIUM

Brachybacterium alimentarium	1	
Brachybacterium conglomeratum	1	
Brachybacterium faecium	1	
Brachybacterium nesterenkovii	1	
Brachybacterium paraconglomeratum	1	
Brachybacterium rhamnosum	1	
Brachybacterium tyrofermentans	1	

BRACHYMONAS

Brachymonas denitrificans	1	
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BRACHYSPIRA

Brachyspira aalborgi	2	
Brachyspira alvinipulli	2	
Brachyspira hyodysenteriae	2	
Brachyspira innocens	2	
Brachyspira pilosicoli	2	

BRADYRHIZOBIUM

Bradyrhizobium elkanii	1	
Bradyrhizobium japonicum (Rhizobium japonicum)	1	
Bradyrhizobium liaoningense	1	

BRANHAMELLA → MORAXELLA

BRENNERIA

Brenneria alni	1	
Brenneria nigrifluens	1	
Brenneria paradisiaca	1	
Brenneria quercina	1	
Brenneria rubrifaciens	1	
Brenneria salicis	1	

BREVIBACILLUS

Brevibacillus agri (Bacillus agri)	1	+
Brevibacillus borstelensis (Bacillus borstelensis)	1	
Brevibacillus brevis (Bacillus brevis)	1	+
Brevibacillus centrosporus (Bacillus centrosporus)	1	
Brevibacillus choshinensis (Bacillus choshinensis)	1	
Brevibacillus formosus (Bacillus formosus)	1	
Brevibacillus laterosporus (Bacillus laterosporus)	1	
Brevibacillus parabrevis (Bacillus parabrevis)	1	
Brevibacillus reuszeri (Bacillus reuszeri)	1	
Brevibacillus thermoruber (Bacillus thermoruber)	1	

BREVIBACTERIUM

Brevibacterium acetylicum → Exiguobacterium acetylicum		
Brevibacterium albidum = Curtobacterium albidum	1	
Brevibacterium ammoniagenes → Corynebacterium ammoniagenes		
Brevibacterium avium	2	
Brevibacterium casei	1	+
Brevibacterium citreum = Curtobacterium citreum	1	
Brevibacterium divaricatum - syn.: Corynebacterium glutamicum		
Brevibacterium epidermidis	1	+
Brevibacterium fermentans - syn.: Cellulomonas cellulans		
"Brevibacterium flavum" - syn.: Corynebacterium glutamicum		
Brevibacterium frigiditolerans	1	
Brevibacterium halotolerans	1	
Brevibacterium imperiale → Microbacterium imperiale		
Brevibacterium incertum	1	
Brevibacterium iodinum	1	
"Brevibacterium lactofermentum" - syn.: Corynebacterium glutamicum		
Brevibacterium linens	1	
Brevibacterium liquefaciens	1	
Brevibacterium luteum = Curtobacterium luteum	1	
Brevibacterium lyticum - syn.: Cellulomonas cellulans		

Brevibacterium mcbrellneri	2	
Brevibacterium otitidis	2	
Brevibacterium oxydans	1	
Brevibacterium protophormiae → Arthrobacter protophormiae		
Brevibacterium pusillum = Curtobacterium pusillum	1	
Brevibacterium saperdae → Aureobacterium saperdae		
Brevibacterium stationis	1	
Brevibacterium testaceum → Aureobacterium testaceum		
Brevibacterium vitaeruminis → Corynebacterium vitaeruminis		
BREVINEMA		
Brevinema andersonii	2	t
BREVUNDIMONAS		
Brevundimonas alba		X
Brevundimonas aurantiaca		X
Brevundimonas bacterioides		X
Brevundimonas diminuta (Pseudomonas diminuta)	2	
Brevundimonas intermedia		X
Brevundimonas subvibrioides		X
Brevundimonas variabilis		X
Brevundimonas vesicularis (Pseudomonas vesicularis)	1	+
BROCHOTHRIX		
Brochothrix campestris	1	
Brochothrix thermosphacta	1	
BRUCELLA		
Brucella abortus - syn.: Brucella melitensis	3	
Brucella canis - syn.: Brucella melitensis	3	
Brucella melitensis	3	
Brucella neotomae - syn.: Brucella melitensis	3	
Brucella ovis - syn.: Brucella melitensis	3	
Brucella suis - syn.: Brucella melitensis	3	
BUCHNERA		
Buchnera aphidicola	1	
BUDVICIA		
Budvicia aquatica	1	
BURKHOLDERIA		
Burkholderia andropogonis (Pseudomonas andropogonis)	1	p
Burkholderia caribensis		X

Burkholderia caryophylli (Pseudomonas caryophylli)	2		Q p
Burkholderia cepacia (Pseudomonas cepacia)	2		pTA
Burkholderia cocovenenans (Pseudomonas cocovenenans)	2		
Burkholderia gladioli (Pseudomonas gladioli)	1		+p
Burkholderia glathei			X
Burkholderia glumae (Pseudomonas glumae)	1		p
Burkholderia graminis			X
Burkholderia mallei (Pseudomonas mallei)		3	
Burkholderia multivorans		2	
Burkholderia norimbergensis			X
Burkholderia phenazinium			X
Burkholderia pickettii (Pseudomonas pickettii) → Ralstonia pickettii			
Burkholderia plantarii (Pseudomonas plantarii)	1		p
Burkholderia pseudomallei (Pseudomonas pseudomallei)		3	
Burkholderia pyrrocinia			X
Burkholderia solanacearum (Pseudomonas solanacearum) → Ralstonia solanacearum			
Burkholderia thailandensis			X
Burkholderia vandii	1		p?
Burkholderia vietnamiensis		2	
BUTTIAUXELLA			
Buttiauxella agrestis	1		
Buttiauxella brennerae	1		
Buttiauxella ferragutiae	1		
Buttiauxella gaviniae	1		
Buttiauxella izardii	1		
Buttiauxella noackiae	1		+
Buttiauxella warmboldiae			X
BUTYRIVIBRIO			
Butyrivibrio crossotus	1		
Butyrivibrio fibrisolvens	1		
CAEDIBACTER			
Caedibacter caryophilus	1		n
Caedibacter paraconjugatus	1		n
Caedibacter pseudomutans	1		n
Caedibacter taeniospiralis	1		n
Caedibacter varicaedens	1		n
CALDEROBACTERIUM			

Calderobacterium hydrogenophilum	1	
CALDICELLULOSIRUPTOR		
Caldicellulosiruptor kristianssonii		X
Caldicellulosiruptor lactoaceticus		X
Caldicellulosiruptor owensensis		X
Caldicellulosiruptor saccharolyticus	1	
CALDIVIRGA		
Caldivirga maquilingensis		X
CALORAMATOR		
Caloramator fervidus (Clostridium fervidum)	1	
Caloramator indicus	1	
Caloramator proteoclasticus	1	
CALYMMATOBACTERIUM		
Calymmatobacterium granulomatis	2	
CAMPYLOBACTER		
Campylobacter butzleri → Arcobacter butzleri		
Campylobacter cinaedi → Helicobacter cinaedi		
Campylobacter coli	2	
Campylobacter concisus	2	
Campylobacter cryaerophilus → Arcobacter cryaerophilus		
Campylobacter curvus (Wolinella curva)	2	
Campylobacter fennelliae → Helicobacter fennelliae		
Campylobacter fetus	2	
Campylobacter fetus subsp. fetus	2	
Campylobacter fetus subsp. venerealis	2	t
Campylobacter gracilis (Bacteroides gracilis)	2	
Campylobacter helveticus	1	t?
Campylobacter hyoilei - syn.: Campylobacter coli		
Campylobacter hyointestinalis	2	
Campylobacter hyointestinalis subsp. hyointestinalis	2	
Campylobacter hyointestinalis subsp. lawsonii	2	t
Campylobacter jejuni	2	
Campylobacter jejuni subsp. doylei	2	
Campylobacter jejuni subsp. jejuni	2	
Campylobacter lari	2	
Campylobacter mucosalis (Campylobacter sputorum subsp. mucosalis)	2	t
Campylobacter mustelae (Campylobacter pylori subsp. mustelae) → Helicobacter mustelae		
Campylobacter nitrofigilis → Arcobacter nitrofigilis		
Campylobacter pylori (Campylobacter pylori subsp. pylori)		

→ <i>Helicobacter pylori</i>		
<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 rectus</i> (<i>Wolinella recta</i>)	2	
<i>Campylobacter showae</i>	1	+
<i>Campylobacter sputorum</i>	2	
<i>Campylobacter sputorum</i> subsp. <i>bubulus</i>	2	t
<i>Campylobacter sputorum</i> subsp. <i>faecalis</i>	2	
<i>Campylobacter sputorum</i> subsp. <i>mucosalis</i> →		
<i>Campylobacter mucosalis</i>		
<i>Campylobacter sputorum</i> subsp. <i>sputorum</i>	2	
<i>Campylobacter upsaliensis</i>	2	
CAPNOCYTOPHAGA		
<i>Capnocytophaga canimorsus</i>	2	
<i>Capnocytophaga cynodegmi</i>	2	
<i>Capnocytophaga gingivalis</i>	2	
<i>Capnocytophaga granulosa</i>	2?	
<i>Capnocytophaga haemolytica</i>	2?	
<i>Capnocytophaga ochracea</i> (<i>Bacteroides ochraceus</i>)	2	
<i>Capnocytophaga sputigena</i>	2	
CAPSULARIS → BACTEROIDES		
<i>Capsularis zooglyphiformans</i> <i>Prevotella zooglyphiformans</i>		
CARBOPHILUS		
<i>Carbophilus carboxidus</i>	1	
CARBOXYDOTHERMUS		
<i>Carboxydothermus hydrogenoformans</i>	1	
CARDIOBACTERIUM		
<i>Cardiobacterium hominis</i>	2	
CARNIMONAS		
<i>Carnimonas nigrificans</i>		X
CARNOBACTERIUM		
<i>Carnobacterium alterfunditum</i>	1	
<i>Carnobacterium divergens</i> (<i>Lactobacillus divergens</i>)	1	
<i>Carnobacterium funditum</i>	1	
<i>Carnobacterium gallinarum</i>	1	
<i>Carnobacterium mobile</i>	1	
<i>Carnobacterium piscicola</i> (<i>Lactobacillus piscicola</i>)	1	

CARYOPHANON	
Caryophanon latum	1
Caryophanon tenue	1
CASEOBACTER → CORYNEBACTERIUM	
Caseobacter polymorphus - syn.: Corynebacterium variabile	
CATELLATOSPORA	
Catellatospora citrea subsp. citrea	1
Catellatospora citrea subsp. methionotrophica	1
Catellatospora ferruginea	1
Catellatospora matsumotoense	1
Catellatospora tsunoense	1
CATENOCOCCUS	
Catenococcus thiocycli	1
CATENULOPLANES	
Catenuloplanes atrovinosus	1
Catenuloplanes castaneus	1
Catenuloplanes crispus	1
Catenuloplanes indicus	1
Catenuloplanes japonicus	1
Catenuloplanes nepalensis	1
Catenuloplanes niger	1
CATONELLA	
Catonella morbi	2
CAULOBACTER	
Caulobacter bacteroides	1
Caulobacter crescentus	1
Caulobacter fusiformis	1
Caulobacter halobacteroides	1
Caulobacter henricii	1
Caulobacter intermedius	1
Caulobacter leidyia	1
Caulobacter maris	1
Caulobacter segnis	1
Caulobacter subvibrioides	1
Caulobacter variabilis	1
Caulobacter vibrioides	1
CEDECEA	
Cedecea davisae	2

Cedecea lapagei	2	
Cedecea neteri	2	
CELLULOMONAS		
Cellulomonas biazotea	1	
Cellulomonas cartae - synonym: Cellulomonas cellulans		
Cellulomonas cellasea	1	
Cellulomonas cellulans (Nocardia cellulans)	1	+
Cellulomonas fermentans	1	
Cellulomonas fimi	1	
Cellulomonas flavigena	1	
Cellulomonas gelida	1	
Cellulomonas hominis	2	
Cellulomonas turbata (Oerskovia turbata)	1	+
Cellulomonas uda	1	
CELLULOPHAGA		
Cellulophaga baltica		X
Cellulophaga fucicola		X
Cellulophaga lytica		X
CELLVIBRIO		
Cellvibrio mixtus	1	
Cellvibrio mixtus subsp. dextranolyticus	1	
Cellvibrio mixtus subsp. mixtus	1	
CENTIPEDA		
Centipeda periodontii	2	
CETOBACTERIUM		
Cetobacterium ceti	1	t?
CHAINIA → STREPTOMYCES		
Chainia antibiotica - syn.: Streptomyces sclerotialus		
Chainia flava - syn.: Streptomyces flaviscleroticus		
Chainia fumigata - syn.: Streptomycesfumigatiscleroticus		
Chainia kunmingensis → Streptomyces kunmingensis		
Chainia minutisclerotica - syn.: Streptomyces minutiscleroticus		
Chainia nigra → Streptomyces niger		
Chainia ochracea - syn.: Streptomyces ochraceiscleroticus		
Chainia olivacea - syn.: Streptomyces olivaceiscleroticus		
Chainia poonensis - syn.: Streptomyces poonensis		
Chainia purpurogena - syn.: Streptomyces purpurogenei- scleroticus		
Chainia rosea - syn.: Streptomyces roseiscleroticus		

Chainia rubra → Streptomyces ruber
 Chainia violens → Streptomyces violens

CHELATOBACTER

Chelatobacter heintzii 1

CHELATOCOCCUS

Chelatococcus asaccharovorans 1

CHITINOPHAGA

Chitinophaga pinensis 1

CHLAMYDIA

Chlamydia muridarum 2

Chlamydia pecorum 2 t

Chlamydia pneumoniae 2

Chlamydia psittaci 3

Some strains are less virulent (strains of non-avian origin) and may be handled in the same way as organisms of group 2

Chlamydia suis 2

Chlamydia trachomatis 2

CHLAMYDOPHILA

Chlamydophila abortus 2

Chlamydophila caviae 2

Chlamydophila felis 2

Chlamydophila pecorum 2

Chlamydophila pneumoniae 2

Chlamydophila psittaci 2

CHLOROBIVUM

Chlorobium chlorovibrioides 1

Chlorobium limicola 1

Chlorobium phaeobacteroides 1

Chlorobium phaeovibrioides 1

Chlorobium tepidum 1

Chlorobium vibrioforme 1

CHLOROFLEXUS

Chloroflexus aggregans 1

Chloroflexus aurantiacus 1

CHLOROHERPETON

Chloroherpeton thalassium 1

CHLORONEMA

Chloronema giganteum 1

CHONDROMYCES

Chondromyces apiculatus 1

Chondromyces catenulatus 1

Chondromyces crocatus 1

Chondromyces lanuginosus 1

Chondromyces pediculatus 1

CHROMATIUM

Chromatium buderi 1

Chromatium glycolicum 1

Chromatium gracile 1

Chromatium minus 1

Chromatium minutissimum 1

Chromatium okenii 1

Chromatium purpuratum 1

Chromatium salexigens 1

Chromatium tepidum 1

Chromatium vinosum 1

Chromatium violascens 1

Chromatium warmingii 1

Chromatium weissei 1

CHROMOBACTERIUM

Chromobacterium fluviatile → Iodobacter fluviatilis

Chromobacterium violaceum 2

CHROMOHALOBACTER

Chromohalobacter marismortui 1

CHRYSEOBACTERIUM

Chryseobacterium balustinum (Flavobacterium balustinum) 1

Chryseobacterium gleum (Flavobacterium gleum) 2

Chryseobacterium indologenes (Flavobacterium indologenes) 2

Chryseobacterium indoltheticum (Flavobacterium indoltheticum) 1

Chryseobacterium meningosepticum (Flavobacterium meningosepticum) 2

Chryseobacterium scophthalmum (Flavobacterium scophthalmum) 2 t

CHRYSEOMONAS - syn.: PSEUDOMONAS

Chryseomonas luteola - syn.: Pseudomonas luteola
 Chryseomonas polytricha - syn.: Pseudomonas luteola

CHRYSIOGENES

Chrysiogenes arsenatis 1

CITROBACTER

Citrobacter amalonaticus (Levinea amalonatica) 2
 Citrobacter braakii 2
 Citrobacter diversus - syn.: Citrobacter koseri
 Citrobacter farmeri 2
 Citrobacter freundii 2
 Citrobacter koseri 2
 Citrobacter rodentium 2 t
 Citrobacter sedlakii 2
 Citrobacter werkmanii 2
 Citrobacter youngae 2

CLAVIBACTER

Clavibacter iranicus → Rathayibacter iranicus
 Clavibacter michiganensis X
 Clavibacter michiganensis subsp. insidiosus
 (Corynebacterium insidiosum) 2 Q p
 Clavibacter michiganensis subsp. michiganensis
 (Corynebacterium michiganense) 2 Q p
 Clavibacter michiganensis subsp. nebraskensis
 (Corynebacterium nebraskense) 1 p
 Clavibacter michiganensis subsp. sepedonicus
 (Corynebacterium sepedonicum) 2 Q p
 Clavibacter michiganensis subsp. tessellarius 1 p
 Clavibacter rathayi → Rathayibacter rathayi
 Clavibacter toxicus 1
 Clavibacter tritici → Rathayibacter tritici
 Clavibacter xyli X
 Clavibacter xyli subsp. cynodontis 1 p
 Clavibacter xyli subsp. xyli 1 p

CLEVELANDINA

Clevelandina reticulitermitidis 1

CLOSTRIDIUM

Clostridium absonum 2
 Clostridium aceticum 1
 Clostridium acetireducens 1
 Clostridium acetobutylicum 1
 Clostridium acidurici 1

<i>Clostridium aerotolerans</i>	1	
<i>Clostridium aldrichii</i>	1	
<i>Clostridium algidicarnis</i>	1	
<i>Clostridium aminophilum</i>	1?	
<i>Clostridium aminovalericum</i>	1	
<i>Clostridium arcticum</i>	1	
<i>Clostridium argentinense</i>	2	
<i>Clostridium aurantibutyricum</i>	1	
<i>Clostridium baratii</i>	2	
<i>Clostridium barkeri</i> → <i>Eubacterium barkeri</i>		
<i>Clostridium beijerinckii</i>	1	
<i>Clostridium bifermentans</i>	2	
<i>Clostridium botulinum</i>	2	
<i>Clostridium bryantii</i> → <i>Syntrophospora bryantii</i>		
<i>Clostridium butyricum</i>	1	+p?
<i>Clostridium cadaveris</i>	2	
<i>Clostridium carnis</i>	2	
<i>Clostridium celatum</i>	1	
<i>Clostridium celerecrescens</i>	1	
<i>Clostridium cellobioparum</i>	1	
<i>Clostridium cellulofermentans</i>	1	
<i>Clostridium cellulolyticum</i>	1	
<i>Clostridium cellulosi</i>	1	
<i>Clostridium cellulovorans</i>	1	
<i>Clostridium chartatabidum</i>	1	
<i>Clostridium chauvoei</i>	2	t
<i>Clostridium clostridioforme</i>	2	
<i>Clostridium coccoides</i>	1	
<i>Clostridium cochlearium</i>	1	+
<i>Clostridium cocleatum</i>	1	+
<i>Clostridium colinum</i>	2	t
<i>Clostridium collagenovorans</i>	1	
<i>Clostridium cylindrosporum</i>	1	
<i>Clostridium difficile</i>	2	
<i>Clostridium disporicum</i>	1	
<i>Clostridium durum</i> → <i>Paenibacillus durus</i>		
<i>Clostridium estertheticum</i>	1	
<i>Clostridium fallax</i>	2	
<i>Clostridium felsineum</i>	1	
<i>Clostridium fervidum</i> → <i>Caloramator fervidus</i>		
<i>Clostridium fimetarium</i>	1	
<i>Clostridium formicaceticum</i>	1	
<i>Clostridium frigidicarnis</i>	2	
<i>Clostridium ghonii</i>	2	
<i>Clostridium glycolicum</i>	2	
<i>Clostridium grantii</i>	1	

Clostridium haemolyticum	2
Clostridium halophilum	1
Clostridium hastiforme	2
Clostridium herbivorans	1
Clostridium histolyticum	2
Clostridium homopropionicum	1
Clostridium hydroxybenzoicum	1
Clostridium indolis	2
Clostridium innocuum	2
Clostridium intestinale	1
Clostridium irregulare	1
Clostridium isatidis	1
Clostridium josui	1
Clostridium kluyveri	2
Clostridium laramiense	1
Clostridium lentocellum	1
Clostridium lentoputrescens - syn.: Clostridium cochlearium	
Clostridium leptum	1
Clostridium limosum	2
Clostridium litorale	1
Clostridium lituseburense	1
Clostridium ljungdahlii	1
Clostridium lortetii → Sporohalobacter lortetii	
Clostridium magnum	1
Clostridium malenominatum	2
Clostridium manganotii	1
Clostridium mayombei	1
Clostridium methoxybenzovorans	1
Clostridium methylpentosum	1
Clostridium neopropionicum	1
Clostridium nexile	1
Clostridium novyi	2
Clostridium oceanicum	1
Clostridium orbiscindens	1
Clostridium oroticum	2
Clostridium oxalicum → Oxalophagus oxalicus	
Clostridium papyrosolvens	1
Clostridium paradoxum	1
Clostridium paraperfringens - syn.: Clostridium baratii	
Clostridium paraputrificum	2
Clostridium pascui	1
Clostridium pasteurianum	1
Clostridium perenne - syn.: Clostridium baratii	
Clostridium perfringens	2
Clostridium pfennigii → Oxobacter pfennigii	

Clostridium piliforme	2	t
Clostridium polysaccharolyticum (Fusobacterium polysaccharolyticum)	1	
Clostridium populeti	1	
Clostridium propionicum	1	
Clostridium proteoclasticum	1	
Clostridium proteolyticum	1	
Clostridium puniceum	1	p?
Clostridium purinilyticum	1	
Clostridium putrefaciens	1	+
Clostridium putrificum	2	
Clostridium quercicolum	1	
Clostridium quinii	1	
Clostridium ramosum	2	
Clostridium rectum	1	
Clostridium roseum	1	
Clostridium saccharolyticum	1	
Clostridium sardiniense	1	+
Clostridium sartagoforme	1	
Clostridium scatologenes	1	+
Clostridium scindens	1	
Clostridium septicum	2	
Clostridium sordellii	2	
Clostridium sphenoides	2	
Clostridium spiroforme	1	+
Clostridium sporogenes	2	
Clostridium sporosphaeroides	1	
Clostridium stercorarium	1	
Clostridium sticklandii	1	
Clostridium subterminale	2	
Clostridium symbiosum	2	
Clostridium termitidis	1	
Clostridium tertium	2	
Clostridium tetani	2	
Clostridium tetanomorphum	1	+
Clostridium thermaceticum → Moorella thermacetica		
Clostridium thermalcaliphilum	1	
Clostridium thermautotrophicum → Moorella thermautotrophica		
Clostridium thermobutyricum	1	
Clostridium thermocellum	1	
Clostridium thermocopriae → Thermoanaerobacter thermocopriae		
Clostridium thermohydrosulfuricum → Thermoanaerobacter thermohydrosulfuricus		
Clostridium thermolacticum	1	

Clostridium thermopalmarium	1	
Clostridium thermopapyrolyticum	1	
Clostridium thermosaccharolyticum → Thermoanaerobacterium thermosaccharolyticum		
Clostridium thermosuccinogenes	1	
Clostridium thermosulfurigenes → Thermoanaerobacterium thermosulfurigenes		
Clostridium tyrobutyricum	1	
Clostridium ultunense	1	
Clostridium villosum → Filifactor villosus		
Clostridium vincentii	1	
Clostridium viride	1	
Clostridium xylanolyticum	1	
COENONIA		
Coenonia anatina		X
COLLINSELLA		
Collinsella aerofaciens		X
COLWELLIA		
Colwellia demingiae		X
Colwellia hadaliensis	1	
Colwellia hornerae		X
Colwellia maris		X
Colwellia psychrerythraea	1	
Colwellia psychrotropica		X
Colwellia rossensis		X
COMAMONAS		
Comamonas acidovorans (Pseudomonas acidovorans)	1	+
Comamonas terrigena (umfaßt Aquaspirillum aquaticum)	2	
Comamonas testosteroni (Pseudomonas testosteroni)	1	
CONGLOMEROMONAS		
Conglomeromonas largomobilis subsp. largomobilis → Azospirillum largomobile		X
Conglomeromonas largomobilis subsp. parooensis → Conglomeromonas parooensis		
Conglomeromonas parooensis (Conglomeromonas largomobilis subsp. parooensis)	1	
COPROCOCCUS		
Coprococcus catus	1	+
Coprococcus comes	1	+
Coprococcus eutactus	1	

COPROTHERMOBACTER

Coprothermobacter paratensis		X
Coprothermobacter proteolyticus (Thermobacteroides proteolyticus)	1	

CORIOBACTERIUM

Coriobacterium glomerans	1	
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CORYNEBACTERIUM

Corynebacterium accolens	2	
Corynebacterium afermentans	2	
Corynebacterium afermentans subsp. afermentans	2	
Corynebacterium afermentans subsp. lipophilum	2	
Corynebacterium ammoniagenes (Brevibacterium ammoniagenes)	1	+
Corynebacterium amycolatum	2	
Corynebacterium argenteratense	2	
Corynebacterium auris	2	
Corynebacterium betae → Curtobacterium flaccumfaciens pv betae		
Corynebacterium beticola	2	p?
Corynebacterium bovis	2	
Corynebacterium callunae	1	
Corynebacterium camporealensis		X
Corynebacterium confusum		X
Corynebacterium coyleae	2	
Corynebacterium cystitidis	2	t
Corynebacterium diphtheriae	2	
Corynebacterium durum	1	+
Corynebacterium equi → Rhodococcus equi		
Corynebacterium falsenii		X
Corynebacterium fascians → Rhodococcus fascians		
Corynebacterium flaccumfaciens → Curtobacterium flaccumfaciens		
Corynebacterium flavescens	1	
Corynebacterium glutamicum	1	
Corynebacterium glucuronolyticum		X
“Corynebacterium haemolyticum” → Arcanobacterium haemolyticum		
Corynebacterium hoagii	2	
Corynebacterium ilicis → Arthrobacter ilicis		
Corynebacterium imitans	2	
Corynebacterium insidiosum → Clavibacter michiganense subsp. insidiosum		
Corynebacterium iranikum → Rathayibacter iranikum		

Corynebacterium jeikeium	2	
Corynebacterium kroppenstedtii	2	
Corynebacterium kutscheri	1	+
Corynebacterium lilium - syn.: Corynebacterium glutamicum		
Corynebacterium lipophiloflavum	1	+
Corynebacterium macginleyi	2?	
Corynebacterium mastitidis	2	t
Corynebacterium matruchotii (Bacterionema matruchotii)	2	
"Corynebacterium mediolanum" → Agromyces mediolanus		
Corynebacterium michiganense → Clavibacter michiganense subsp. michiganense		
Corynebacterium minutissimum	2	
Corynebacterium mucifaciens	2	
Corynebacterium mycetoides	2	
Corynebacterium nebraskense → Clavibacter michiganense subsp. nebraskense		
Corynebacterium oortii → Curtobacterium flaccumfaciens pv oortii		
Corynebacterium paurometabolum → Tsukamurella paurometabola		
Corynebacterium phocae	2	
Corynebacterium pilosum	2	
Corynebacterium poinsettiae → Curtobacterium flaccumfaciens pv poinsettiae		
Corynebacterium propinquum	2	
Corynebacterium pseudodiphtheriticum	2	
Corynebacterium pseudotuberculosis	2	
Corynebacterium pyogenes → Actinomyces pyogenes		
Corynebacterium rathayi → Rathayibacter rathayi		
Corynebacterium renale	2	t
Corynebacterium riegelsii		X
Corynebacterium seminale	2	
Corynebacterium sepedonicum → Clavibacter michiganense subsp. sepedonicum		
Corynebacterium singulare	1	+
Corynebacterium striatum	2	
Corynebacterium sundsvallense		X
Corynebacterium terpenotabidum		X
Corynebacterium thomssenii		X
Corynebacterium tritici → Rathayibacter tritici		
Corynebacterium ulcerans	2	
Corynebacterium urealyticum	2	
Corynebacterium variabile (Caseobacter polymorphus, Arthrobacter variabilis)	1	
Corynebacterium vitaeruminis (Brevibacterium vitarumen)	1	

<i>Corynebacterium xerosis</i>	2	
COUCHIOPLANES		
<i>Couchioplanes caeruleus</i>	1	
<i>Couchioplanes caeruleus</i> subsp. <i>azureus</i>	1	
<i>Couchioplanes caeruleus</i> subsp. <i>caeruleus</i> (<i>Actinoplanes caeruleus</i>)	1	
COWDRIA		
<i>Cowdria ruminantium</i>	2	t
COXIELLA		
<i>Coxiella burnetii</i>	3	
CRAUROCOCCUS		
<i>Craurococcus roseus</i>		X
CRENOTHRIX		
<i>Crenothrix polyspora</i>	1	
CRINALIUM		
<i>Crinalium epipsammum</i>	1	
CRISTISPIRA		
<i>Cristispira pectinis</i>	1	
CRYOBACTERIUM		
<i>Cryobacterium psychrophilum</i> (" <i>Curtobacterium psychrophilum</i> ")	1	
CRYPTOBACTERIUM		
<i>Cryptobacterium curtum</i>		X
CRYPTOSPORANGIUM		
<i>Cryptosporangium arvum</i>		X
<i>Cryptosporangium japonicum</i>		X
CUPRIAVIDUS		
<i>Cupriavidus necator</i>	1	
CURTOBACTERIUM		
<i>Curtobacterium albidum</i> = <i>Brevibacterium albidum</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>)	2	Q p

Curtobacterium luteum = Brevibacterium luteum	1		
Curtobacterium plantarum	1		
"Curtobacterium psychrophilum" → Cryobacterium psychrophilum			
Curtobacterium pusillum = Brevibacterium pusillum	1		
Curtobacterium saperdae → Aureobacterium saperdae			
Curtobacterium testaceum → Aureobacterium testaceum			
CYCLOBACTERIUM			
Cyclobacterium marinum (Flectobacillus marinus)	1		
CYCLOCLASTICUS			
Cycloclasticus pugetii	1		
CYSTOBACTER			
Cystobacter ferrugineus	1		
Cystobacter fuscus	1		
Cystobacter minus	1		
CYTOPHAGA			
Cytophaga agarovorans → Marinilabilia agarovorans			
Cytophaga aprica → Flammeovirga aprica			
Cytophaga aquatilis → Flavobacterium hydatis			
Cytophaga arvensicola	1		
Cytophaga aurantiaca	1		
Cytophaga columnaris	2		t
Cytophaga diffluens → Persicobacter diffluens			
Cytophaga fermentans	1		
Cytophaga flevensis → Flavobacterium flevense			
Cytophaga heparina → Sphingobacterium heparinum			
Cytophaga hutchinsonii	1		
Cytophaga johnsonae → Flavobacterium johnsoniae			
Cytophaga latercula	1		
Cytophaga lytica	1		
Cytophaga marina - syn.: Flexibacter maritimus			
Cytophaga marinoflava	1		
Cytophaga pectinovora → Flavobacterium pectinovorum			
Cytophaga psychrophila	2		t
Cytophaga saccharophila → Flavobacterium saccharophilum			
Cytophaga salmonicolor → Marinilabilia salmonicolor			
Cytophaga succinicans → Flavobacterium succinicans			
Cytophaga uliginosa	1		
Cytophaga xylanolytica	1		

DACTYLOSPORANGIUM

Dactylosporangium aurantiacum	1
Dactylosporangium fulvum	1
Dactylosporangium matsuzakiense	1
Dactylosporangium roseum	1
Dactylosporangium thailandense	1
Dactylosporangium vinaceum	1

DEFERRIBACTER

Deferribacter thermophilus	1
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DEFLUVIBACTER

Defluvibacter lusatiensis	X
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DEHALOBACTER

Dehalobacter restrictus	X
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DEINOBACTER → DEINOCOCCUS

Deinobacter grandis → Deinococcus grandis

DEINOCOCCUS

Deinococcus erythromyxa → Kocuria erythromyxa	
Deinococcus geothermalis	1
Deinococcus grandis (Deinobacter grandis)	1
Deinococcus murrayi	1
Deinococcus proteolyticus	1
Deinococcus radiodurans	1
Deinococcus radiophilus	1
Deinococcus radiopugnans	1

DELEYA → HALOMONAS

Deleya aesta (Alcaligenes aestus) → Halomonas aquamarina

Deleya aquamarina (Alcaligenes aquamarinus) →

Halomonas aquamarina

Deleya cupida (Alcaligenes cupidus) → Halomonas cupida

Deleya halophila → Halomonas halophila

Deleya marina (Pseudomonas marina) → Halomonas marina

Deleya pacifica (Alcaligenes pacificus) → Halomonas
pacifica

Deleya salina → Halomonas salina

Deleya venusta (Alcaligenes venustus) → Halomonas
venusta

DELFTIA

Delftia acidovorans	X
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DEMETRIA		
Demetria terrigena	1	
DERMABACTER		
Dermabacter hominis	1	+
DERMACOCCUS		
Dermacoccus nishinomiyaensis (Micrococcus nishinomiyaensis)	1	
DERMATOPHILUS		
Dermatophilus chelonae	2	t
Dermatophilus congolensis	2	
DERXIA		
Derxia gummosa	1	
DESEMZIA		
Desemzia incerta		X
DESULFACINUM		
Desulfacinum infernum	1	
DESULFITOBACTERIUM		
Desulfitobacterium dehalogenans	1	
Desulfitobacterium frappieri	1	
Desulfitobacterium hafniense	1	
DESULFOBACCA		
Desulfobacca acetoxidans		X
DESULFOBACTER		
Desulfobacter curvatus	1	
Desulfobacter giganteus		X
Desulfobacter halotolerans		X
Desulfobacter hydrogenophilus	1	
Desulfobacter latus	1	
Desulfobacter postgatei	1	
Desulfobacter vibrioformis	1	
DESULFOBACTERIUM		
Desulfobacterium anilini	1	
Desulfobacterium autotrophicum	1	
Desulfobacterium catecholicum	1	
Desulfobacterium cetonicum	1	
Desulfobacterium indolicum	1	

Desulfobacterium macestii	1	
Desulfobacterium phenolicum	1	
DESULFOBULBUS		
Desulfobulbus elongatus	1	
Desulfobulbus propionicus	1	
DESULFOCAPSA		
Desulfocapsa thiozymogenes	1	
DESULFOCELLA		
Desulfocella halophila		X
DESULFOCOCCUS		
Desulfococcus biacutus	1	
Desulfococcus multivorans	1	
DESULFOFABA		
Desulfofaba gelida		X
DESULFOFRIGUS		
Desulfofrigus fragile		X
Desulfofrigus oceanense		X
DESULFOFUSTIS		
Desulfofustis glycolicus	1	
DESULFOHALOBIUM		
Desulfohalobium retbaense	1	
DESULFOMICROBIUM		
Desulfomicrobium apsheronum	1	
Desulfomicrobium baculatum (Desulfovibrio baculatus)	1	
Desulfomicrobium escambiense	1	
Desulfomicrobium norvegicum	1	
DESULFOMONAS		
Desulfomonas pigra	1	
DESULFOMONILE		
Desulfomonile tiedjei	1	
DESULFONATRONOVIBRIO		
Desulfonatronovibrio hydrogenovorans	1	
DESULFONATRONUM		

Desulfonatronum lacustre		X
DESULFONEMA		
Desulfonema limicola	1	
Desulfonema magnum	1	
DESULFONISPORAS		
Desulfonispora thiosulfatigenes		X
DESULFORHABDUS		
Desulforhabdus amnigenus	1	
DESULFORHOPALUS		
Desulfurhopalus vacuolatus		X
DESULFOSARCINA		
Desulfosarcina variabilis	1	
DESULFOSPIRA		
Desulfospira joergensenii	1	
DESULFOSPOROSINUS		
Desulfosporosinus orientis (Desulfotomaculum orientis)	1	
DESULFOTALEA		
Desulfotalea arctica		X
Desulfotalea psychrophila		X
DESULFOTOMACULUM		
Desulfotomaculum acetoxidans	1	
Desulfotomaculum aeronauticum	1	
Desulfotomaculum antarcticum	1	
Desulfotomaculum australicum	1	
Desulfotomaculum geothermicum	1	
Desulfotomaculum gibsoniae		X
Desulfotomaculum guttoideum	1	
Desulfotomaculum halophilum		X
Desulfotomaculum kuznetsovii	1	
Desulfotomaculum luciae	1	
Desulfotomaculum nigrificans	1	
Desulfotomaculum orientis → Desulfosporosinus orientis		
Desulfotomaculum putei	1	
Desulfotomaculum ruminis	1	
Desulfotomaculum sapomandens	1	
Desulfotomaculum thermoacetoxidans	1	
Desulfotomaculum thermobenzoicum	1	

Desulfotomaculum thermocisternum	1	
Desulfotomaculum thermosapovorans	1	
DESULFOVIBRIO		
Desulfovibrio acrylicus	1	
Desulfovibrio aespoeensis		X
Desulfovibrio africanus	1	
Desulfovibrio alcoholovorans	1	
Desulfovibrio aminophilus		X
Desulfovibrio baarsii	1	
Desulfovibrio baculatus → Desulfomicrobium baculatum		
Desulfovibrio burkinensis		X
Desulfovibrio carbinolicus	1	
Desulfovibrio cuneatus		X
Desulfovibrio desulfuricans	1	
Desulfovibrio desulfuricans subsp. aestuarii	1	
Desulfovibrio desulfuricans subsp. desulfuricans	1	
Desulfovibrio fructosovorans	1	
Desulfovibrio furfuralis	1	
Desulfovibrio gabonensis	1	
Desulfovibrio giganteus	1	
Desulfovibrio gigas	1	
Desulfovibrio halophilus	1	
Desulfovibrio inopinatus	1	
Desulfovibrio intestinalis	1	
Desulfovibrio litoralis	1	
Desulfovibrio longreachensis	1	
Desulfovibrio longus	1	
Desulfovibrio profundus	1	
Desulfovibrio salexigens	1	
Desulfovibrio sapovorans	1	
Desulfovibrio senezii	1	
Desulfovibrio simplex	1	
Desulfovibrio sulfodismutans	1	
Desulfovibrio termitidis	1	
Desulfovibrio thermophilus →		
Thermodesulfobacterium mobile		
Desulfovibrio vulgaris	1	
Desulfovibrio vulgaris subsp. oxamicus	1	
Desulfovibrio vulgaris subsp. vulgaris	1	
Desulfovibrio zosterae	1	
DESULFURELLA		
Desulfurella acetivorans	1	
Desulfurella kamchatkensis	1	
Desulfurella multipotens	1	

Desulfurella propionica	1	
DESULFUROBACTERIUM		
Desulfurobacterium thermolithotrophum		X
DESULFUROCOCCUS		
Desulfurococcus mobilis	1	
Desulfurococcus mucosus	1	
DESULFUROLOBUS → ACIDIANUS		
Desulfurolobus ambivalens → Acidianus ambivalens		
DESULFUROMONAS		
Desulfuromonas acetexigens	1	
Desulfuromonas acetoxidans	1	
Desulfuromonas chloroethenica	1	
Desulfuromonas thiophila	1	
DESULFUROMUSA		
Desulfuromusa bakii	1	
Desulfuromusa kysingii	1	
Desulfuromusa succinoxidans	1	
DETHIOSULFOVIBRIO		
Dethiosulfovibrio peptidovorans	1	
DEVOSIA		
Devosia riboflavina ("Pseudomonas riboflavina")	1	
DIALISTER		
Dialister pneumosintes (Bacteroides pneumosintes)	2	
DICHELOBACTER		
Dichelobacter nodosus (Bacteroides nodosus)	2	t
DICHOTOMICROBIUM		
Dichotomicrobium thermohalophilum	1	
DICTYOGLOMUS		
Dictyoglomus thermophilum	1	
Dictyoglomus turgidum	1	
DIETZIA		
Dietzia maris (Rhodococcus maris)	1	
Dietzia natronolimnea		X

DIPLOCALYX

Diplocalyx calotermitidis 1

DOLOSICOCCUS

Dolosicoccus paucivorans 1

DOLOSIGRANULUM

Dolosigranulum pigrum 2?

DUGANELLA

Duganella zoogloeoides 1

ECTOTHIORHODOSPIRA

Ectothiorhodospira abdelmalekii →

Halorhodospira abdelmalekii

Ectothiorhodospira haloalkaliphila 1

Ectothiorhodospira halochloris →

Halorhodospira halochloris

Ectothiorhodospira halophila → Halorhodospira halophila

Ectothiorhodospira marina 1

Ectothiorhodospira marismortui 1

Ectothiorhodospira mobilis 1

Ectothiorhodospira shaposhnikovii 1

Ectothiorhodospira vacuolata 1

EDWARDSIELLA

Edwardsiella anguillimortifera 2 t

Edwardsiella hoshinae 1 +

Edwardsiella ictaluri 2 t

Edwardsiella tarda 2

EGGERTHELLA

Eggerthella lenta X

EHRlichia

Ehrlichia canis 2 t

Ehrlichia chaffeensis 2

Ehrlichia equi 2 t

Ehrlichia ewingii 2 t

Ehrlichia muris 2 t

Ehrlichia phagocytophila 2 t

Ehrlichia risticii 2 t

Ehrlichia sennetsu (Rickettsia sennetsu) 2

EIKENELLA		
Eikenella corrodens	2	
ELYTROSPOANGIUM → STREPTOMYCES		
Elytrosporangium brasiliense → Streptomyces brasiliensis		
Elytrosporangium carpinense → Streptomyces carpinensis		
Elytrosporangium spirale → Streptomyces spiralis		
EMPEDOBACTER		
Empedobacter brevis (Flavobacterium breve)	2	
ENHYDROBACTER		
Enhydrobacter aerosaccus	1	
ENSIFER		
Ensifer adhaerens	1	
ENTEROBACTER		
Enterobacter aerogenes = Klebsiella mobilis	2	
Enterobacter agglomerans → Pantoea agglomerans		
Enterobacter amnigenus	2	TA
Enterobacter asburiae	2	
Enterobacter cancerogenus (Erwinia cancerogena)	2	
Enterobacter cloacae	2	
Enterobacter dissolvens (Erwinia dissolvens)	1	+
Enterobacter gergoviae	2	
Enterobacter hormaechei	2	
Enterobacter intermedius	2	
Enterobacter kobei		X
Enterobacter nimipressuralis (Erwinia nimipressuralis)	1	p?
Enterobacter pyrinus	1	p
Enterobacter sakazakii	2	
Enterobacter taylorae - syn.: Enterobacter cancerogenus		
ENTEROCOCCUS		
Enterococcus asini		X
Enterococcus avium	2	
Enterococcus casseliflavus (Streptococcus casseliflavus)	1	+
Enterococcus cecorum (Streptococcus cecorum)	1	
Enterococcus columbae	1	
Enterococcus dispar	2	
Enterococcus durans (Streptococcus durans)	2	TA
Enterococcus faecalis (Streptococcus faecalis)	2	
Enterococcus faecium (Streptococcus faecium)	2	TA
Enterococcus flavescens	2	
Enterococcus gallinarum (Streptococcus gallinarum)	2	t

Enterococcus hirae	2	t
Enterococcus malodoratus	1	
Enterococcus mundtii	1	
Enterococcus pseudoavium	2	t
Enterococcus raffinosus	2	
Enterococcus saccharolyticus (Streptococcus saccharolyticus)	1	+
Enterococcus seriolicida - syn.: Lactococcus garvieae		
Enterococcus solitarius	2	
Enterococcus sulfureus	1	

ENTOMOPLASMA

Entomoplasma ellychniae		X
Entomoplasma freundtii		X
Entomoplasma lucivorax		X
Entomoplasma luminosum		X
Entomoplasma melaleucaae		X
Entomoplasma somnilux		X

EPERYTHROZON

Eperythrozoon coccoides	2	t
Eperythrozoon ovis	2	t
Eperythrozoon parvum	2	t
Eperythrozoon suis	2	t
Eperythrozoon wenyonii	2	t

EREMOCOCCUS

Eremococcus coleocola		X
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ERWINIA

Erwinia alni 1		p
Erwinia amylovora	2	Q p
Erwinia ananatis → Pantoea ananatis	1	p
Erwinia aphidicola		X
Erwinia billingiae		X
Erwinia cacticida	1	p
Erwinia cancerogena → Enterobacter cancerogenus		
Erwinia carnegieana	1	p?
Erwinia carotovora		X
Erwinia carotovora subsp. atroseptica	1	p
Erwinia carotovora subsp. betavasculorum	1	p
Erwinia carotovora subsp. carotovora	1	p
Erwinia carotovora subsp. odorifera	1	p
Erwinia carotovora subsp. wasabiae	1	p
Erwinia chrysanthemi	2	Q p
Erwinia cyripedii	1	p

Erwinia dissolvens → Enterobacter dissolvens		
Erwinia herbicola - syn.: Pantoea agglomerans		
Erwinia mallotivora	1	p
Erwinia milletiae - syn.: Pantoea agglomerans		
Erwinia nigrifluens	1	p
Erwinia nimipressuralis → Enterobacter nimipressuralis		
Erwinia paradisiaca - syn.: Erwinia chrysanthemi		
Erwinia persicina	1	p
Erwinia psidii	1	p
Erwinia pyrifoliae		X
Erwinia quercina	1	p
Erwinia rhapontici	1	p
Erwinia rubrifaciens	1	p
Erwinia salicis	1	p
Erwinia stewartii → Pantoea stewartii subsp. stewartii		
Erwinia tracheiphila	1	p
Erwinia uredovora - syn.: Pantoea ananatis (Erwinia ananatis)	1	
ERYSIPELOTHRIX		
Erysipelothrix rhusiopathiae (Erysipelothrix insidiosa)	2	t
Erysipelothrix tonsillarum	1	+t
ERYTHROBACTER		
Erythrobacter litoralis	1	
Erythrobacter longus	1	
ERYTHROMICROBIUM		
Erythromicrobium ramosum	1	
ERYTHROMONAS		
Erythromonas ursincola	1	
ESCHERICHIA		
Escherichia adecarboxylata → Leclercia adecarboxylata		
Escherichia blattae	1	
Escherichia coli	2	TA
Escherichia coli (enterohemorrhagic (EHEC) strains such as O157:H7 or O103)	3	**
Escherichia coli (bacterial strains of groups 2 and 3, which have definitively lost their virulence, have an extended history of safe use or are experimentally shown to be as safe as organisms of group 1 (e.g. Escherichia coli K12, Escherichia coli chi-1776 and MRC 1 as well as B		

and C strains of <i>E. coli</i>)	1	
<i>Escherichia fergusonii</i>	2	
<i>Escherichia hermannii</i>	2	
<i>Escherichia vulneris</i>	2	
EUBACTERIUM		
<i>Eubacterium acidaminophilum</i>	1	
<i>Eubacterium aerofaciens</i>	2	
<i>Eubacterium alactolyticum</i> → <i>Pseudoramibacter alactolyticus</i>		
<i>Eubacterium angustum</i>	1	
<i>Eubacterium barkeri</i> (<i>Clostridium barkeri</i>)	1	
<i>Eubacterium bifforme</i>	1	
<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>	2	
<i>Eubacterium coprostanoligenes</i>	1	
<i>Eubacterium cylindroides</i>	1	
<i>Eubacterium desmolans</i>	1	
<i>Eubacterium dolichum</i>	1	
<i>Eubacterium eligens</i>	1	
<i>Eubacterium exiguum</i>	2	
<i>Eubacterium fissicatena</i>	1	
<i>Eubacterium formicigenerans</i>	1	
<i>Eubacterium fossor</i>	2	t
<i>Eubacterium hadrum</i>	1	
<i>Eubacterium hallii</i>	1	
<i>Eubacterium infirmum</i>	2	
<i>Eubacterium lentum</i>	2	
<i>Eubacterium limosum</i>	2	
<i>Eubacterium minutum</i>	2	
<i>Eubacterium moniliforme</i>	2	
<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>)	1	
<i>Eubacterium plexicaudatum</i>	1	
<i>Eubacterium ramulus</i>	1	
<i>Eubacterium rectale</i>	1	
<i>Eubacterium ruminantium</i>	1	
<i>Eubacterium saburreum</i>	1	+
<i>Eubacterium saphenum</i>	2	

Eubacterium siraeum	1	
Eubacterium suis → Actinomyces suis		
Eubacterium sulci	2?	
Eubacterium tarantellae	2	t
Eubacterium tardum	2	
Eubacterium tenue	2	
Eubacterium timidum	2	
Eubacterium tortuosum	2	
Eubacterium uniforme	1	
Eubacterium ventriosum	2	
Eubacterium xylanophilum	1	
Eubacterium yurii		X
Eubacterium yurii subsp. margaretiae	2	
Eubacterium yurii subsp. schtitka	2	
Eubacterium yurii subsp. yurii	2	
EWINGELLA		
Ewingella americana	2	
EXCELLOSPORA		
Excellospora rubrobrunea → Actinomadura rubrobrunea		
Excellospora viridilutea	1	
EXIGUOBACTERIUM		
Exiguobacterium acetylicum (Brevibacterium acetylicum)	1	
Exiguobacterium aurantiacum	1	
FACKLAMIA		
Facklamia hominis	2	
Facklamia ignava		X
Facklamia languida		X
Facklamia sourekii		X
Facklamia tabacinasalis		X
FAENIA → SACCHAROPOLYSPORA		
Faenia rectivirgula (Micropolyspora rectivirgula) → Saccharopolyspora rectivirgula		
FALCIVIBRIO - syn.: MOBILUNCUS		
Falcivibrio grandis	2	
Falcivibrio vaginalis	2	
FERRIMONAS		
Ferrimonas balearica	1	

FERROGLOBUS		
Ferroglobus placidus	1	
FERVIDOBACTERIUM		
Fervidobacterium gondwanense	1	
Fervidobacterium islandicum	1	
Fervidobacterium nodosum	1	
Fervidobacterium pennivorans	1	
FIBROBACTER		
Fibrobacter intestinalis	1	
Fibrobacter succinogenes		X
Fibrobacter succinogenes subsp. elongatus	1	
Fibrobacter succinogenes subsp. succinogenes (Bacteroides succinogenes)	1	
FILIBACTER		
Filibacter limicola	1	
FILIFACTOR		
Filifactor alocis		X
Filifactor villosus (Clostridium villosum)	1	
FILOMICROBIUM		
Filomicrobium fusiforme	1	
FLAMMEOVIRGA		
Flammeovirga aprica (Cytophaga aprica)	1	
FLAVIMONAS - syn.: PSEUDOMONAS		
Flavimonas oryzihabitans - syn.: Pseudomonas oryzihabitans		
FLAVOBACTERIUM		
Flavobacterium acidificum	1	
Flavobacterium acidurans	1	
Flavobacterium aquatile	1	
Flavobacterium balustinum → Chryseobacterium balustinum		
Flavobacterium branchiophilum	2	t
Flavobacterium breve → Empedobacter brevis		
Flavobacterium capsulatum → Sphingomonas capsulata		
Flavobacterium columnare (Flexibacter columnaris)	2	t
Flavobacterium devorans	1	
Flavobacterium esteraromaticum → Aureobacterium esteraromaticum		
Flavobacterium ferrugineum	1	

Flavobacterium flevense (Cytophaga flevensis)	1	
Flavobacterium gleum → Chryseobacterium gleum		
Flavobacterium gondwanense	1	
Flavobacterium halmophilum → Halomonas halmophila		
Flavobacterium hybernum		X
Flavobacterium heparinum → Cytophaga heparina		
Flavobacterium hydatis (Cytophaga aquatilis)	2	t
Flavobacterium indologenes → Chryseobacterium indologenes		
Flavobacterium indoltheticum → Chryseobacterium indoltheticum		
Flavobacterium johnsoniae (Cytophaga johnsonae)	2	t
Flavobacterium marinotypicum	1	
Flavobacterium meningosepticum → Chryseobacterium meningosepticum		
Flavobacterium mizutaii (Sphingobacterium mizutaii)	2	
Flavobacterium multivorum → Sphingobacterium multivorum		
Flavobacterium oceanosedimentum	1	
Flavobacterium odoratum → Myroides odoratus		
Flavobacterium okeanokoites → Planococcus okeanokoites		
Flavobacterium pectinovorum (Cytophaga pectinovora)	1	
Flavobacterium psychrophilum (Flexibacter psychrophilus)	2	t
Flavobacterium resinovororum	1	
Flavobacterium saccharophilum (Cytophaga saccharophila)	1	
Flavobacterium salegens	1	
Flavobacterium scophthalmum → Chryseobacterium scophthalmum		
Flavobacterium spiritivorum → Sphingobacterium spiritivorum		
Flavobacterium succinicans (Cytophaga succinicans)	1	
Flavobacterium thalpophilum → Sphingobacterium thalpophilum		
Flavobacterium thermophilum	1	
Flavobacterium uliginosum	1	
Flavobacterium yabuuchiae - syn.: Sphingobacterium spiritivorum	2	
FLECTOBACILLUS		
Flectobacillus glomeratus	1	
Flectobacillus major	1	
Flectobacillus marinus → Cyclobacterium marinum		
FLEXIBACTER		
Flexibacter aggregans	1	
Flexibacter aurantiacus	1	

Flexibacter canadensis	1	
Flexibacter columnaris → Flavobacterium columnare		
Flexibacter elegans	1	
Flexibacter filiformis	1	
Flexibacter flexilis	1	
Flexibacter japonensis	1	
Flexibacter litoralis	1	
Flexibacter maritimus	2	t
Flexibacter ovolyticus	2	t
Flexibacter polymorphus	1	
Flexibacter psychrophilus → Flavobacterium psychrophilum		
Flexibacter roseolus	1	
Flexibacter ruber	1	
Flexibacter sancti	1	
Flexibacter tractuosus	1	
FLEXITHRIX		
Flexithrix dorotheae	1	
FLUORIBACTER		
Fluoribacter bozemaniae (Legionella bozemaniae)	2	
Fluoribacter dumoffii (Legionella dumoffii)	2	
Fluoribacter gormanii (Legionella gormanii)	2	
FORMIVIBRIO		
Formivibrio citricus	1	
FRANCISELLA		
Francisella novicida	2	
Francisella philomiragia (Yersinia philomiragia)	2	
Francisella tularensis		3
Francisella tularensis subsp. holarctica	2	
Francisella tularensis subsp. mediasiatica	2	
Francisella tularensis subsp. tularensis		3
FRANKIA		
Frankia alni	1	
FRATEURIA		
Frateuria aurantia	1	
FRIEDMANNIELLA		
Friedmanniella antarctica	1	
Friedmanniella capsulata	1	
Friedmanniella spumicola	1	

FUNDIBACTER		
Fundibacter jadensis		X
FUSIBACTER		
Fusibacter paucivorans		X
FUSOBACTERIUM		
Fusobacterium alocis	2	
Fusobacterium gonidiaformans	2	
Fusobacterium mortiferum	2	
Fusobacterium naviforme	2	
Fusobacterium necrogenes	2	
Fusobacterium necrophorum	2	
Fusobacterium necrophorum subsp. funduliforme	2	
Fusobacterium necrophorum subsp. necrophorum	2	
Fusobacterium nucleatum	2	
Fusobacterium nucleatum subsp. animalis	2	
Fusobacterium nucleatum subsp. fusiforme	2	
Fusobacterium nucleatum subsp. nucleatum	2	
Fusobacterium nucleatum subsp. polymorphum	2	
Fusobacterium nucleatum subsp. vincentii	2	
Fusobacterium perfoetens	1	+
Fusobacterium periodonticum	2	
Fusobacterium plautii → Eubacterium plautii		
Fusobacterium polysaccharolyticum → Clostridium polysaccharolyticum		
Fusobacterium prausnitzii	2	
Fusobacterium pseudonecrophorum - syn.: Fusobacterium varium	1	
Fusobacterium russii	2	
Fusobacterium simiae	1	
Fusobacterium sulci	2	
Fusobacterium ulcerans	2	
Fusobacterium varium	2	
GALLIONELLA		
Gallionella ferruginea	1	
GARDNERELLA		
Gardnerella vaginalis (Haemophilus vaginalis)	2	
GELIDIBACTER		
Gelidibacter algens	1	

GEMELLA		
Gemella bergeri	2	
Gemella haemolysans	2	
Gemella morbillorum (Streptococcus morbillorum)	2	
Gemella palaticanis	2	
Gemella sanguinis	2	
GEMMATA		
Gemmata obscuriglobus	1	
GEMMIGER		
Gemmiger formicilis	1	
GEMMOBACTER		
Gemmobacter aquatilis	1	
GEOBACTER		
Geobacter metallireducens	1	
Geobacter sulfurreducens	1	
GEODERMATOPHILUS		
Geodermatophilus obscurus	1	
GEOTHRIX		
Geothrix fermentans		X
GEOTOGA		
Geotoga petraea	1	
Geotoga subterranea	1	
Geotoga weaveri	1	
GLACIECOLA		
Glaciecola pallidula		X
Glaciecola punicea		X
GLOBICATELLA		
Globicatella sanguinis	2	
GLUCONACETOBACTER		
Gluconacetobacter diazotrophicus		X
Gluconacetobacter europaeus		X
Gluconacetobacter hansenii		X
Gluconacetobacter liquefaciens		X
Gluconacetobacter sacchari		X
Gluconacetobacter xylinus		X

GLUCONOBACTER

Gluconobacter asaii	1
Gluconobacter cerinus	1
Gluconobacter frateurii	1
Gluconobacter oxydans	1
Gluconobacter oxydans subsp. industrius	1
Gluconobacter oxydans subsp. melanogenes	1
Gluconobacter oxydans subsp. oxydans	1
Gluconobacter oxydans subsp. sphaericus	1
Gluconobacter oxydans subsp. suboxydans	1

GLYCOMYCES

Glycomyces harbinensis	1
Glycomyces rutgersensis	1
Glycomyces tenuis	1

GORDONIA

Gordonia aichiensis (Rhodococcus aichiensis)	2	
Gordonia alkanivorans		X
Gordonia amarae (Nocardia amarae)	1	
Gordonia bronchialis (Rhodococcus bronchialis)	2	
Gordonia desulfuricans		X
Gordonia hirsuta	1	
Gordonia hydrophobica	1	
Gordonia polyisoprenivorans		X
Gordonia rhizosphaera		X
Gordonia rubripertincta (Rhodococcus rubripertinctus)	1	
Gordonia sputi (Rhodococcus sputi)	2	
Gordonia terrae (Rhodococcus terrae)	1	

GRACILIBACILLUS

Gracilibacillus disposauri		X
Gracilibacillus halotolerans		X

GRAHAMELLA → BARTONELLA

Grahamella peromysci → Bartonella peromysci
Grahamella talpae → Bartonella talpae

HAEMOBARTONELLA

Haemobartonella canis	2	t
Haemobartonella felis	2	t
Haemobartonella muris	2	t

HAEMOPHILUS

Haemophilus actinomycetemcomitans (Actinobacillus actinomycetemcomitans)	2	
Haemophilus aegyptius	2	
Haemophilus aphrophilus	2	
Haemophilus avium → Pasteurella avium		
Haemophilus ducreyi	2	
Haemophilus equigenitalis → Taylorella equigenitalis		
Haemophilus felis	2	t
Haemophilus haemoglobinophilus	2	t
Haemophilus haemolyticus	1	+
Haemophilus influenzae	2	
Haemophilus paracuniculus	2	t
Haemophilus paragallinarum	2	t
Haemophilus parahaemolyticus	2	
Haemophilus parainfluenzae	2	
Haemophilus paraphrohaemolyticus	2	
Haemophilus paraphrophilus	2	
Haemophilus parasuis	2	t
Haemophilus piscium	2	t
Haemophilus pleuropneumoniae → Actinobacillus pleuropneumoniae		
Haemophilus segnis	2	
Haemophilus vaginalis → Gardnerella vaginalis		

HAFNIA

Hafnia alvei	2	
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HALISCOMENOBACTER

Haliscomenobacter hydrossis	1	
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HALLELLA

Hallella seregens	2	
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HALOANAEROBACTER

Haloanaerobacter chitinovorans	1	
Haloanaerobacter lacunaris (Halobacteroides lacunaris)	1	
Haloanaerobacter salinaris		X

HALOANAEROBIUM

Haloanaerobium acetoethylicum (Halobacteroides acetoethylicus)	1	
Haloanaerobium alcaliphilum	1	
Haloanaerobium congolense		X
Haloanaerobium kushneri		X
Haloanaerobium lacusrosei	1	

Haloanaerobium praevalens	1	
Haloanaerobium saccharolyticum	1	
Haloanaerobium saccharolyticum subsp. saccharolyticum (Haloincola saccharolyticus subsp. saccharolyticus)	1	
Haloanaerobium saccharolyticum subsp. senegalense (Haloincola saccharolyticus subsp. senegalensis)	1	
Haloanaerobium salsuginis	1	
HALOARCUA		
Haloarcula argentinensis	1	
Haloarcula hispanica	1	
Haloarcula japonica	1	
Haloarcula marismortui	1	
Haloarcula mukohataei	1	
Haloarcula quadrata		X
Haloarcula vallismortis (Halobacterium vallismortis)	1	
HALOBACILLUS		
Halobacillus halophilus (Sporosarcina halophila)	1	
Halobacillus litoralis	1	
Halobacillus trueperi	1	
HALOBACTERIUM		
Halobacterium cutirubrum	1	
Halobacterium denitrificans → Haloferax denitrificans		
Halobacterium distributum → Halorubrobacterium distributum		
Halobacterium halobium	1	
Halobacterium lacusprofundi → Halorubrum lacusprofundi		
Halobacterium mediterranei → Haloferax mediterranei		
Halobacterium pharaonis → Natronobacterium pharaonis		
Halobacterium saccharovororum → Halorubrum saccharovororum		
Halobacterium salinarum	1	
Halobacterium sodomense → Halorubrum sodomense		
Halobacterium trapanicum → Halorubrum trapanicum		
Halobacterium vallismortis → Haloarcula vallismortis		
Halobacterium volcanii → Haloferax volcanii		
HALOBACTEROIDES		
Halobacteroides acetoethylicus → Haloanaerobium acetoethylicum		
Halobacteroides elegans		X

Halobacteroides halobius	1	
Halobacteroides lacunaris → Haloanaerobacter lacunaris		
HALOBACULUM		
Halobaculum gomorrense	1	
HALOCELLA		
Halocella cellulolytica	1	
HALOCHROMATIUM		
Halochromatium glycolicum		X
Halochromatium salexigens		X
HALOCOCCUS		
Halococcus morrhuae	1	
Halococcus saccharolyticus	1	
Halococcus salifodinae	1	
Halococcus turkmenicus	1	
HALOFERAX		
Haloferax denitrificans (Halobacterium denitrificans)	1	
Haloferax gibbonsii	1	
Haloferax mediterranei (Halobacterium mediterranei)	1	
Haloferax volcanii (Halobacterium volcanii)	1	
HALOGEOMETRICUM		
Halogeometricum borinquense		X
HALOINCOLA → HALOANAEROBIUM		
Haloincola saccharolyticus subsp. saccharolyticus → Haloanaerobium saccharolyticum subsp. saccharolyticum		
Haloincola saccharolyticus subsp. senegalensis → Haloanaerobium saccharolyticum subsp. senegalense		
HALOMETHANOCOCCUS		
Halomethanococcus doii	1	
HALOMONAS		
Halomonas aquamarina (Deleya aquamarina)	1	n
Halomonas canadensis	1	
Halomonas cupida (Deleya cupida)	1	
Halomonas desiderata	1	
Halomonas elongata	1	
Halomonas eurihalina (Volcaniella eurihalina)	1	

Halomonas halmophila (Flavobacterium halmophilum)	1
Halomonas halodenitrificans (Paracoccus halodenitrificans)	1
Halomonas halodurans	1
Halomonas halophila (Deleya halophila)	1
Halomonas israelensis	1
Halomonas marina (Deleya marina)	1
Halomonas meridiana	1
Halomonas pacifica (Deleya pacifica)	1
Halomonas pantelleriensis	1
Halomonas salina (Deleya salina)	1
Halomonas subglaciescola	1
Halomonas variabilis (Halovibrio variabilis)	1
Halomonas venusta (Deleya venusta)	1

HALORHODOSPIRA

Halorhodospira abdelmalekii (Ectothiorhodospira abdelmalekii)	1
Halorhodospira halochloris (Ectothiorhodospira halochloris)	1
Halorhodospira halophila (Ectothiorhodospira halophila)	1

HALORUBROBACTERIUM = HALORUBRUM

Halorubrobacterium coriense - syn.: Halorubrum coriense	1
Halorubrobacterium distributum (Halobacterium distributum) - syn.: Halorubrum distributum	1
Halorubrobacterium lacusprofundi - syn.: Halorubrum lacusprofundi	1
Halorubrobacterium saccharovororum – syn.: Halorubrum saccharovororum	1
Halorubrobacterium sodomense – syn.: Halorubrum sodomense	1

HALORUBRUM

Halorubrum coriense	1
Halorubrum distributum	1
Halorubrum lacusprofundi (Halobacterium lacusprofundi) syn.: Halorubrobacterium lacusprofundi	1
Halorubrum saccharovororum (Halobacterium saccharovororum) syn.: Halorubrobacterium saccharovororum	1
Halorubrum sodomense (Halobacterium sodomense) syn.: Halorubrobacterium sodomense	1
Halorubrum trapanicum (Halobacterium trapanicum)	1
Halorubrum vacuolatum (Natronobacterium vacuolatum)	1

HALOTERRIGENA

Haloterrigena turkmenica X

HALOTHERMOTHRIX

Halothermothrix orenii 1

HALOVIBRIO → HALOMONAS

Halovibrio variabilis → Halomonas variabilis

HELCOCOCCUS

Helcococcus kunzii 2

Helcococcus ovis 2

HELICOBACTER

Helicobacter acinonychis 2 t

Helicobacter bilis 2 t

Helicobacter bizzozeronii 2?

Helicobacter canis 2

Helicobacter cholecystus 2 t

Helicobacter cinaedi (Campylobacter cinaedi) 2

Helicobacter felis 1 t?

Helicobacter fennelliae (Campylobacter fennelliae) 2

Helicobacter hepaticus 2 t

Helicobacter muridarum 2 t

Helicobacter mustelae (Campylobacter mustelae;
Campylobacter pylori subsp. mustelae) 2 t

Helicobacter nemestrinae 1

Helicobacter pametensis 1 t?

Helicobacter pullorum 2

Helicobacter pylori (Campylobacter pylori;
Campylobacter pylori subsp. pylori) 2

Helicobacter rodentium 1 t?

Helicobacter salomonis 1 t?

Helicobacter trogontum 1 +t

HELIOBACILLUS

Heliobacillus mobilis X

HELIOBACTERIUM

Heliobacterium chlorum 1

Heliobacterium gestii 1

Heliobacterium modesticaldum 1

HELIOPHILUM

Heliophilum fasciatum 1

HELIOTHRIX

Heliotrix oregonensis	1	
HERBASPIRILLUM		
Herbaspirillum rubrisubalbicans (Pseudomonas rubrisubalbicans)	1	p
Herbaspirillum seropedicae	1	
HERBIDOSPORA		
Herbidospora cretacea	1	
HERPETOSIPHON		
Herpetosiphon aurantiacus	1	
Herpetosiphon cohaerens	1	
Herpetosiphon geysericola	1	
Herpetosiphon nigricans	1	
Herpetosiphon persicus	1	
HIPPEA		
Hippea maritima		X
HIRSCHIA		
Hirschia baltica	1	
HOLDEMANIA		
Holdemania filiformis	1	
HOLLANDINA		
Hollandina pterotermitidis	1	
HOLOPHAGA		
Holophaga foetida	1	
HOLOSPORA		
Holospora caryophila	1	
Holospora elegans	1	
Holospora obtusa	1	
Holospora undulata	1	
HYDROGENOBACTER		
Hydrogenobacter acidophilus	1	
Hydrogenobacter thermophilus	1	
HYDROGENOPHAGA		
Hydrogenophaga flava (Pseudomonas flava)	1	
Hydrogenophaga palleronii (Pseudomonas palleronii)	1	
Hydrogenophaga pseudoflava (Pseudomonas pseudoflava)	1	

Hydrogenophaga taeniospiralis (Pseudomonas taeniospiralis)	1	
HYDROGENOPHILUS		
Hydrogenophilus thermoluteolus		X
HYDROGENOVIBRIO		
Hydrogenovibrio marinus	1	
HYMENOBACTER		
Hymenobacter roseosalivarius		X
HYPERTHERMUS		
Hyperthermus butylicus	1	
HYPHOMICROBIUM		
Hyphomicrobium aestuarii	1	
Hyphomicrobium coagulans	1	
Hyphomicrobium denitrificans	1	
Hyphomicrobium facile	1	
Hyphomicrobium facile subsp. facile	1	
Hyphomicrobium facile subsp. tolerans	1	
Hyphomicrobium facile subsp. ureaphilum	1	
Hyphomicrobium hollandicum	1	
Hyphomicrobium indicum	1	
Hyphomicrobium methylovorum	1	
Hyphomicrobium neptunium → Hyphomonas neptunium		
Hyphomicrobium vulgare	1	
Hyphomicrobium zavarzinii	1	
HYPHOMONAS		
Hyphomonas hirschiana	1	
Hyphomonas jannaschiana	1	
Hyphomonas neptunium (Hyphomicrobium neptunium)	1	
Hyphomonas oceanitis	1	
Hyphomonas polymorpha	1	
IDEONELLA		
Ideonella dechloratans	1	
IGNAVIGRANUM		
Ignavigranum ruoffiae		X
ILYOBACTER		

Ilyobacter delafieldii	1	
Ilyobacter polytropus	1	
Ilyobacter tartaricus	1	
INTRASPORANGIUM		
Intrasporangium calvum	1	
IODOBACTER		
Iodobacter fluviatilis (Chromobacterium fluviatile)	1	
ISOCHROMATIUM		
Isochromatium buderi		X
ISOSPHAERA		
Isosphaera pallida	1	
JANIBACTER		
Janibacter limosus	1	
JANTHINOBACTERIUM		
Janthinobacterium agaricidamnosum		X
Janthinobacterium lividum	1	
JOHNSONELLA		
Johnsonella ignava	2	
JONESIA		
Jonesia denitrificans (Listeria denitrificans)	2	t
KIBDELOSPORANGIUM		
Kibdelosporangium albatum	1	
Kibdelosporangium aridum	1	
Kibdelosporangium aridum subsp. aridum	1	
Kibdelosporangium aridum subsp. largum	1	
Kibdelosporangium philippinense	1	
KINEOCOCCUS		
Kineococcus aurantiacus	1	
KINEOSPORIA		
Kineosporia aurantiaca	1	
Kineosporia mikuniensis		X

Kineosporia rhamnosa		X
Kineosporia rhizophila		X
Kineosporia succinea		X
KINGELLA		
Kingella denitrificans	2	
Kingella indologenes → Suttonella indologenes		
Kingella kingae	2	
Kingella oralis	2	
KITASATOA		
Kitasatoa diplospora	1	
Kitasatoa kauaiensis	1	
Kitasatoa nagasakiensis	1	
Kitasatoa purpurea → Streptomyces purpureus		
KITASATOSPORA		
Kitasatospora azatica (Streptomyces azaticus)	1	
Kitasatospora cheerisanensis		X
Kitasatospora cochleata (Streptomyces cochleatus)	1	
Kitasatospora cystarginea = Streptomyces cystargineus	1	
Kitasatospora griseola = Streptomyces griseolosporeus	1	
Kitasatospora mediocidica = Streptomyces mediocidicus	1	
Kitasatospora paracochleata (Streptomyces paracochleatus)	1	
Kitasatospora phosalacinea = Streptomyces phosalacineus	1	
Kitasatospora setae = Streptomyces setae	1	
KLEBSIELLA		
Klebsiella granulomatis	2	
Klebsiella mobilis = Enterobacter aerogenes	2	
Klebsiella ornithinolytica	2	
Klebsiella oxytoca	2	
Klebsiella ozaenae → Klebsiella pneumoniae subsp. ozaenae		
Klebsiella planticola	1	+
Klebsiella pneumoniae → Klebsiella pneumoniae subsp. pneumoniae		
Klebsiella pneumoniae subsp. ozaenae (Klebsiella ozaenae)	2	
Klebsiella pneumoniae subsp. pneumoniae (Klebsiella pneumoniae)	2	TA
Klebsiella pneumoniae subsp. rhinoscleromatis (Klebsiella rhinoscleromatis)	2	
Klebsiella rhinoscleromatis → Klebsiella pneumoniae subsp. rhinoscleromatis		
Klebsiella terrigena	1	+

<i>Klebsiella trevisanii</i>	1	+
KLUYVERA		
<i>Kluyvera ascorbata</i>	2	
<i>Kluyvera cochleae</i>	1	
<i>Kluyvera cryocrescens</i>	2	
<i>Kluyvera georgiana</i>	2?	
KOCURIA		
<i>Kocuria erythromyxa</i> (<i>Deinococcus erythromyxa</i>)	1	
<i>Kocuria kristinae</i> (<i>Micrococcus kristinae</i>)	1	+
<i>Kocuria palustris</i>		X
<i>Kocuria rhizophila</i>		X
<i>Kocuria rosea</i> (<i>Micrococcus roseus</i>)	1	
<i>Kocuria varians</i> (<i>Micrococcus varians</i>)	1	
KOSERELLA		
<i>Koserella trabulsii</i>	2	
KRIBELLA		
<i>Kribella flavida</i>		X
<i>Kribella sandramycini</i>		X
KURTHIA		
<i>Kurthia gibsonii</i>	1	+
<i>Kurthia sibirica</i>	1	
<i>Kurthia zopfii</i>	1	+
KUTZNERIA		
<i>Kutzneria albida</i> (<i>Streptosporangium albidum</i>)	1	
<i>Kutzneria kofuensis</i> (<i>Streptosporangium viridogriseum</i> subsp. <i>kofuense</i>)	1	
<i>Kutzneria viridogrisea</i> (<i>Streptosporangium viridogriseum</i> subsp. <i>viridogriseum</i>)	1	
KYTOCOCCUS		
<i>Kytococcus sedentarius</i> (<i>Micrococcus sedentarius</i>)	1	+
LABRYS		
<i>Labrys monachus</i>	1	
LACHNOSPIRA		
<i>Lachnospira multipara</i>	1	
<i>Lachnospira pectinoschiza</i>	1	

LACTOBACILLUS

Lactobacillus acetotolerans	1	
Lactobacillus acidophilus	1	+
Lactobacillus agilis	1	
Lactobacillus alimentarius	1	
Lactobacillus amylolyticus		X
Lactobacillus amylophilus	1	
Lactobacillus amylovorus		X
Lactobacillus animalis	1	
Lactobacillus aviarius subsp. araffinosus	1	
Lactobacillus aviarius subsp. aviarius	1	
Lactobacillus bavaricus - syn.: Lactobacillus sake		
Lactobacillus bif fermentans	1	
Lactobacillus brevis	1	
Lactobacillus buchneri	1	
Lactobacillus bulgaricus →		
Lactobacillus delbrueckii subsp. bulgaricus		
Lactobacillus carnis - syn.: Carnobacterium piscicola		
Lactobacillus casei	1	
Lactobacillus casei subsp. alactosus →		
Lactobacillus paracasei subsp. paracasei		
Lactobacillus casei subsp. pseudopiantarum →		
Lactobacillus paracasei subsp. paracasei		
Lactobacillus casei subsp. rhamnosus →		
Lactobacillus rhamnosus		
Lactobacillus casei subsp. tolerans →		
Lactobacillus paracasei subsp. tolerans		
Lactobacillus catenaformis	2	
Lactobacillus cellobiosus	1	
Lactobacillus collinoides	1	
Lactobacillus confusus → Weissella confusa		
Lactobacillus coryniformis	1	
Lactobacillus coryniformis subsp. coryniformis	1	
Lactobacillus coryniformis subsp. torquens	1	
Lactobacillus crispatus	1	+
Lactobacillus curvatus	1	
Lactobacillus curvatus subsp. curvatus	1	
Lactobacillus curvatus subsp. melibiosus	1	
Lactobacillus delbrueckii subsp. bulgaricus		
(Lactobacillus bulgaricus)	1	
Lactobacillus delbrueckii subsp. delbrueckii	1	
Lactobacillus delbrueckii subsp. lactis		
(Lactobacillus lactis)	1	
Lactobacillus divergens → Carnobacterium divergens		
Lactobacillus farciminis	1	

Lactobacillus fermentum	1	
Lactobacillus fructivorans	1	
Lactobacillus fructosus	1	
Lactobacillus gallinarum	1	
Lactobacillus gasserii	1	+
Lactobacillus graminis	1	
Lactobacillus halotolerans → Weissella halotolerans		
Lactobacillus hamsteri	1	
Lactobacillus helveticus	1	
Lactobacillus heterohiochii - syn.: Lactobacillus fructivorans		
Lactobacillus hilgardii	1	
Lactobacillus homohiochii	1	
Lactobacillus iners	1	
Lactobacillus intestinalis	1	
Lactobacillus jensenii	1	
Lactobacillus johnsonii	1	+
Lactobacillus kandleri → Weissella kandleri		
Lactobacillus kefirii	1	
Lactobacillus kefiranofaciens	1	
Lactobacillus kefirgranum	1	
Lactobacillus kunkeei		X
Lactobacillus lactis → Lactobacillus delbrueckii subsp. lactis		
Lactobacillus leichmannii - syn.: Lactobacillus delbrueckii subsp. lactis		
Lactobacillus lindneri	1	
Lactobacillus malefermentans	1	
Lactobacillus mali	1	
Lactobacillus maltaromicus	1	
Lactobacillus manihotivorans		X
Lactobacillus minor → Weissella minor		
Lactobacillus minutus → Atopobium minutum		
Lactobacillus murinus	1	
Lactobacillus oris	1	
Lactobacillus panis	1	
Lactobacillus parabuchneri	1	
Lactobacillus paracasei	1	
Lactobacillus paracasei subsp. paracasei (Lactobacillus casei subsp. alactosus; Lactobacillus casei subsp. pseudoplantarum)	1	
Lactobacillus paracasei subsp. tolerans (Lactobacillus casei subsp. tolerans)	1	
Lactobacillus parakefirii	1	
Lactobacillus paralimentarius		X
Lactobacillus paraplantarum	1	

Lactobacillus pentosus	1	
Lactobacillus piscicola → Carnobacterium piscicola		
Lactobacillus plantarum	1	+
Lactobacillus pontis	1	
Lactobacillus reuteri	1	
Lactobacillus rhamnosus (Lactobacillus casei subsp. rhamnosus)	2	TA
Lactobacillus rimae → Atopobium rimae		
Lactobacillus rogosae	1	
Lactobacillus ruminis	1	
Lactobacillus sakei	1	
Lactobacillus sakei subsp. carnosus	1	
Lactobacillus sakei subsp. sakei	1	
Lactobacillus salivarius	1	
Lactobacillus salivarius subsp. salicinius	1	
Lactobacillus salivarius subsp. salivarius	1	
Lactobacillus sanfranciscensis	1	
Lactobacillus sharpeae	1	
Lactobacillus suebicus	1	
Lactobacillus trichodes - syn.: Lactobacillus fructivorans	1	
Lactobacillus uli	2	
Lactobacillus vaccinostrercus	1	
Lactobacillus vaginalis	1	+
Lactobacillus viridescens → Weissella viridescens		
Lactobacillus vitulinus	1	
Lactobacillus xylosus - syn.: Lactococcus lactis subsp. lactis		
Lactobacillus yamanashiensis - syn.: Lactobacillus mali		
Lactobacillus zeae	1	
LACTOCOCCUS		
Lactococcus garvieae (Streptococcus garvieae)	2	
Lactococcus lactis	1	
Lactococcus lactis subsp. cremoris (Streptococcus cremoris)	1	
Lactococcus lactis subsp. hordniae	1	
Lactococcus lactis subsp. lactis (Lactobacillus xylosus; Streptococcus lactis)	1	
Lactococcus piscium	1	
Lactococcus plantarum (Streptococcus plantarum)	1	
Lactococcus raffinolactis (Streptococcus raffinolactis)	1	
LACTOSPHAERA		
Lactosphaera pasteurii (Ruminococcus pasteurii)	1	
LAMPROBACTER		
Lamprobacter modestohalophilus	1	

LAMPROCYSTIS		
Lamprocystis roseopersicina	1	
LAMPROPEDIA		
Lampropedia hyalina	1	
LAUTROPIA		
Lautropia mirabilis	1	
LAWSONIA		
Lawsonia intracellularis	2	t
LECLERCIA		
Leclercia adecarboxylata (Escherichia adecarboxylata)	2	
LEGIONELLA		
Legionella adelaidensis	1	+
Legionella anisa	2	
Legionella birminghamensis	2	
Legionella bozemaniae → Fluoribacter bozemaniae		
Legionella brunensis	1	+
Legionella cherrii	1	+
Legionella cincinnatiensis	2	
Legionella dumoffii → Fluoribacter dumoffii		
Legionella erythra	1	+
Legionella fairfieldensis	1	+
Legionella feeleii	2	
Legionella geestiana	1	
Legionella gormanii → Fluoribacter gormanii		
Legionella gratiana	1	+
Legionella hackeliae	2	
Legionella israelensis	1	+
Legionella jamestowniensis	1	+
Legionella jordanis	2	
Legionella lansingensis	2	
Legionella londiniensis	1	
Legionella longbeachae	2	
Legionella lytica (Sarcobium lyticum)	1	n
Legionella maceachernii → Tatlockia maceachernii		
Legionella micdadei → Tatlockia micdadei		
Legionella moravica	1	+
Legionella nautarum	1	
Legionella oakridgensis	2	
Legionella parisiensis	1	+
Legionella pittsburghensis - syn.: Tatlockia micdadei		

Legionella pneumophila	2	
Legionella pneumophila subsp. fraseri	2	
Legionella pneumophila subsp. pascullei	2	
Legionella pneumophila subsp. pneumophila	2	
Legionella quateirensis	1	
Legionella quinlivanii	1	+
Legionella rubrilucens	1	
Legionella sainthelensi	2	
Legionella santicrucis	1	+
Legionella shakespearei	1	
Legionella spiritensis	1	
Legionella taurinensis		X
Legionella steigerwaltii	1	+
Legionella tucsonensis	2	
Legionella wadsworthii	2	
Legionella waltersii	1	
Legionella worsleiensis	1	
LEMINORELLA		
Leminorella grimontii	1	+
Leminorella richardii	1	+
LENTZEA		
Lentzea albidocapillata	1	+
LEPTONEMA		
Leptonema illini	1	
LEPTOSPIRA		
Leptospira alexanderi	2	
Leptospira biflexa	1	
Leptospira borgpetersenii	2	
Leptospira fainei	2	
Leptospira inadai	2	
Leptospira interrogans	2	
Leptospira kirschneri	2	
Leptospira meyeri	1	
Leptospira noguchii	2	
Leptospira parva	1	
Leptospira santarosai	2	
Leptospira weilii	2	
Leptospira wolbachii	1	
LEPTOTHRIX		
Leptothrix cholodnii	1	
Leptothrix discophora	1	

Leptothrix lopholea	1	
Leptothrix mobilis	1	
Leptothrix ochracea	1	
LEPTOTRICHIA		
Leptotrichia buccalis	1	+
LEUCOBACTER		
Leucobacter komagatae	1	p?
LEUCONOSTOC		
Leuconostoc amelibiosum - syn.: Leuconostoc citreum	1	
Leuconostoc argentinum	1	
Leuconostoc carnosum	1	
Leuconostoc citreum	1	+
Leuconostoc cremoris → Leuconostoc mesenteroides subsp. cremoris		
Leuconostoc dextranicum → Leuconostoc mesenteroides subsp. dextranicum		
Leuconostoc fallax	1	
Leuconostoc gelidum	1	
Leuconostoc lactis	1	
Leuconostoc mesenteroides		X
Leuconostoc mesenteroides subsp. cremoris (Leuconostoc cremoris)	1	
Leuconostoc mesenteroides subsp. dextranicum (Leuconostoc dextranicum)	1	+
Leuconostoc mesenteroides subsp. mesenteroides	1	+
Leuconostoc oeni → Oenococcus oeni		
Leuconostoc paramesenteroides → Weissella paramesenteroides		
Leuconostoc pseudomesenteroides	1	+
LEUCOTHRIX		
Leucothrix mucor	1	
LEVINEA		
Levinea amalonatica → Citrobacter amalonaticus		
Levinea malonatica	2	
LEWINELLA		
Lewinella cohaerens		X
Lewinella nigricans		X
Lewinella persica		X
LIBEROBACTER		

Liberobacter asiaticum	3	Q p
Liberobacter africanum	3	Q p

LISTERIA

Listeria denitrificans → Jonesia denitrificans

Listeria grayi 1

Listeria innocua 1

Listeria ivanovii 2

Listeria ivanovii subsp. ivanovii 2

Listeria ivanovii subsp. londoniensis 2

Listeria monocytogenes 2

Listeria murrayi - syn.: Listeria grayi

Listeria seeligeri 1

+

Listeria welshimeri 1

LISTONELLA

Listonella anguillarum (Vibrio anguillarum) 2

t

Listonella damsela (Vibrio damsela) →

Photobacterium damsela

Listonella pelagia (Vibrio pelagius) 1

LONEPINELLA

Lonepinella koalarum 1

LUCIBACTERIUM → VIBRIO

Lucibacterium harveyi → Vibrio harveyi

LUTEOCOCCUS

Luteococcus japonicus 1

LYSOBACTER

Lysobacter antibioticus 1

Lysobacter brunescens 1

Lysobacter enzymogenes 1

Lysobacter gummosus

X

LYTICUM

Lyticum flagellatum 1

Lyticum sinuosum 1

MACROCOCCUS

Macrococcus bovicus

X

Macrococcus carouelicus

X

Macrococcus caseolyticus

X

Macrococcus equiperchicus		X
MACROMONAS		
Macromonas bipunctata	1	
Macromonas mobilis	1	
MAGNETOSPIRILLUM		
Magnetospirillum gryphiswaldense	1	
Magnetospirillum magnetotacticum (Aquaspirillum magnetotacticum)	1	
MALONOMONAS		
Malonomonas rubra	1	
MANNHEIMIA		
Mannheimia glucosida	2	
Mannheimia granulomatis	2	
Mannheimia haemolytica	2	
Mannheimia ruminalis	2	
Mannheimia varigena	2	
MARICHAULIS		
Maricaulis maris		X
MARICHROMATIUM		
Marichromatium gracile		X
Marichromatium purpuratum		X
MARINILABILIA		
Marinilabilia agarovorans (Cytophaga agarovorans)	1	
Marinilabilia salmonicolor (Cytophaga salmonicolor)	1	
MARINOBACTER		
Marinobacter aquaeolei		X
Marinobacter hydrocarbonoclasticus	1	
MARINOBACTERIUM		
Marinobacterium georgiense	1	
MARINOCOCCUS		
Marinococcus albus	1	
Marinococcus halophilus (Planococcus halophilus)	1	
Marinococcus hispanicus → Salinicoccus hispanicus		
MARINOMONAS		
Marinomonas communis = Oceanospirillum commune		

(<i>Alteromonas communis</i>)	1	
<i>Marinomonas mediterranea</i>		X
<i>Marinomonas vaga</i> = <i>Oceanospirillum vagum</i> (<i>Alteromonas vaga</i>)	1	
MARINOSPIRILLUM		
<i>Marinospirillum megaterium</i>		X
<i>Marinospirillum minutulum</i>		X
MEGAMONAS		
<i>Megamonas hypermegale</i> (<i>Bacteroides hypermegale</i>)	1	
MEGASPHAERA		
<i>Megasphaera cerevisiae</i>	1	
<i>Megasphaera elsdenii</i>	2	
MEIOTHERMUS		
<i>Meiothermus cerbereus</i>	1	
<i>Meiothermus chliarophilus</i> (<i>Thermus chliarophilus</i>)	1	
<i>Meiothermus ruber</i> (<i>Thermus ruber</i>)	1	
<i>Meiothermus silvanus</i> (<i>Thermus silvanus</i>)	1	
MELISSOCOCCUS		
<i>Melissococcus plutonius</i>	2	n
MELITTANGIUM		
<i>Melittangium alboraceum</i>	1	
<i>Melittangium boletus</i>	1	
<i>Melittangium lichenicola</i>	1	
MENISCUS		
<i>Meniscus glaucopis</i>	1	
MESOPHILOBACTER		
<i>Mesophilobacter marinus</i>	1	
MESOPLASMA		
<i>Mesoplasma chauliocola</i>	1	n?p?
<i>Mesoplasma coleopterae</i>	1	n?p?
<i>Mesoplasma corruscae</i>	1	n?p?
<i>Mesoplasma entomophilum</i> (<i>Acholeplasma entomophilum</i>)	1	
<i>Mesoplasma florum</i> (<i>Acholeplasma florum</i>)	1	
<i>Mesoplasma grammopterae</i>	1	n?p?
<i>Mesoplasma lactucae</i> (<i>Mycoplasma lactucae</i>)	1	
<i>Mesoplasma photuris</i>	1	n?p?
<i>Mesoplasma pleciae</i>	1	n?p?

Mesoplasma seiffertii (Acholeplasma seiffertii)	1	
Mesoplasma syrphidae	1	n?p?
Mesoplasma tabanidae	1	n?p?
MESORHIZOBIUM		
Mesorhizobium amorphae (Rhizobium amorphae)		X
Mesorhizobium ciceri (Rhizobium ciceri)	1	
Mesorhizobium huakuii (Rhizobium huakuii)	1	
Mesorhizobium loti (Rhizobium loti)	1	
Mesorhizobium mediterraneum (Rhizobium mediterraneum)	1	
Mesorhizobium plurifarum (Rhizobium plurifarum)		X
Mesorhizobium tianshanense (Rhizobium tianshanense)	1	
METALLOSPHAERA		
Metallosphaera prunae	1	
Metallosphaera sedula	1	
METHANOBACTERIUM		
Methanobacterium alcaliphilum	1	
Methanobacterium arbophilicum → Methanobrevibacter arboriphilicus		
Methanobacterium bryantii	1	
Methanobacterium defluvii	1	
Methanobacterium espanolae	1	
Methanobacterium formicicum	1	
Methanobacterium ivanovii	1	
Methanobacterium mobile → Methanomicrobium mobile		
Methanobacterium palustre	1	
Methanobacterium ruminantium → Methanobrevibacter ruminantium		
Methanobacterium subterraneum		X
Methanobacterium thermoaggregans	1	
Methanobacterium thermoalcaliphilum - syn.: Methanobacterium thermoautotrophicum	1	
Methanobacterium thermoautotrophicum	1	
Methanobacterium thermoflexum	1	
Methanobacterium thermoformicicum	1	
Methanobacterium thermophilum	1	
Methanobacterium uliginosum	1	
Methanobacterium wolfei	1	
METHANOBREVIBACTER		
Methanobrevibacter arboriphilicus (Methanobacterium arbophilicum)	1	
Methanobrevibacter curvatus	1	

Methanobrevibacter cuticularis	1	
Methanobrevibacter filiformis		X
Methanobrevibacter oralis	1	
Methanobrevibacter ruminantium (Methanobacterium ruminantium)	1	
Methanobrevibacter smithii	1	
METHANOCALCULUS		
Methanocalculus halotolerans		X
METHANOCOCCOIDES		
Methanococcoides burtonii	1	
Methanococcoides methylutens	1	
METHANOCOCCUS		
Methanococcus deltae - syn.: Methanococcus maripaludis		
Methanococcus fervens		X
Methanococcus frisius → Methanosarcina frisia		
Methanococcus halophilus → Methanohalophilus halophilus		
Methanococcus igneus	1	
Methanococcus jannaschii	1	
Methanococcus maripaludis	1	
Methanococcus mazei → Methanosarcina mazei		
Methanococcus thermolithotrophicus	1	
Methanococcus vannielii	1	
Methanococcus voltae	1	
Methanococcus vulcanius		X
METHANOCORPUSCULUM		
Methanocorpusculum aggregans (Methanogenium aggregans)	1	
Methanocorpusculum bavaricum	1	
Methanocorpusculum labreanum	1	
Methanocorpusculum parvum	1	
Methanocorpusculum sinense	1	
METHANOCULLEUS		
Methanoculleus bourgensis (Methanogenium bourgense)	1	
Methanoculleus marisnigri (Methanogenium marisnigri)	1	
Methanoculleus oldenburgensis		X
Methanoculleus olentangyi (Methanogenium olentangyi)	1	
Methanoculleus palmolei		X
Methanoculleus thermophilicus (Methanogenium thermophilicum)	1	

METHANOFOLLIS		
Methanofollis liminatans		X
Methanofollis tationis		X
METHANOGENIUM		
Methanogenium aggregans →		
Methanocorpusculum aggregans		
Methanogenium bourgense → Methanoculleus bourgensis		
Methanogenium cariaci	1	
Methanogenium frigidum	1	
Methanogenium frittonii	1	
Methanogenium liminatans	1	
Methanogenium marisnigri → Methanoculleus marisnigri		
Methanogenium olentangyi → Methanoculleus olentangyi		
Methanogenium organophilum	1	
Methanogenium tationis	1	
Methanogenium thermophilicum →		
Methanoculleus thermophilicus		
METHANOHALOBIUM		
Methanohalobium evestigatum	1	
METHANOHALOPHILUS		
Methanohalophilus halophilus (Methanococcus halophilus)	1	
Methanohalophilus mahii	1	
Methanohalophilus oregonensis	1	
Methanohalophilus portucalensis	1	
Methanohalophilus zhilinae	1	
METHANOLACINIA		
Methanolacinia paynteri (Methanomicrobium paynteri)	1	
METHANOLOBUS		
Methanolobus bombayensis	1	
Methanolobus siciliae → Methanosarcina siciliae		
Methanolobus taylorii	1	
Methanolobus tindarius	1	
Methanolobus vulcani	1	
METHANOMICROBIUM		
Methanomicrobium mobile (Methanobacterium mobile)	1	
Methanomicrobium paynteri → Methanolacinia paynteri		
METHANOPLANUS		
Methanoplanus endosymbiosus	1	
Methanoplanus limicola	1	

Methanoplanus petrolearius		X
METHANOPYRUS		
Methanopyrus kandleri	1	
METHANOSAETA		
Methanosaeta concilii (Methanothrix concilii)	1	
Methanosaeta thermoacetophila (Methanothrix thermoacetophila)	1	
METHANOSARCINA		
Methanosarcina acetivorans	1	
Methanosarcina barkeri	1	
Methanosarcina frisia (Methanococcus frisius) - syn.: Methanosarcina mazei	1	
Methanosarcina mazei (Methanococcus mazei)	1	
Methanosarcina methanica	1	
Methanosarcina siciliae (Methanolobus siciliae)	1	
Methanosarcina thermophila	1	
Methanosarcina vacuolata	1	
METHANOSPHAERA		
Methanosphaera cuniculi	1	
Methanosphaera stadtmanae	1	
METHANOSPIRILLUM		
Methanospirillum hungatei	1	
METHANOTHERMUS		
Methanothermus fervidus	1	
Methanothermus sociabilis	1	
METHANOTHRIX		
Methanothrix concilii → Methanosaeta concilii		
Methanothrix soehngenii	1	
Methanothrix thermoacetophila → Methanosaeta thermoacetophila		
Methanothrix thermophila	1	
METHYLOBACILLUS		
Methylobacillus flagellatus		X
Methylobacillus glycogenes	1	
METHYLOBACTER		
Methylobacter agilis → Methylomicrobium agile		
Methylobacter albus → Methylomicrobium album		

Methylobacter luteus (Methylococcus luteus)	1	
Methylobacter marinus	1	
Methylobacter pelagicus (Methylomonas pelagica) → Methylomicrobium pelagicum		
Methylobacter whittenburyi	1	
METHYLOBACTERIUM		
Methylobacterium aminovorans	1	
Methylobacterium extorquens (Protomonas extorquens)	1	
Methylobacterium fujisawaense	1	
Methylobacterium mesophilicum (Pseudomonas mesophila)	1	+
Methylobacterium organophilum	1	
Methylobacterium radiotolerans (Pseudomonas radoria)	1	
Methylobacterium rhodesianum	1	
Methylobacterium rhodinum (Pseudomonas rhodos)	1	
Methylobacterium thiocyanatum		X
Methylobacterium zatmanii	1	
METHYLOCALDUM		
Methylocaldum gracile		X
Methylocaldum szegediense		X
Methylocaldum tepidum		X
METHYLOCOCCUS		
Methylococcus bovis - syn.: Methylobacter luteus	1	
Methylococcus capsulatus	1	
Methylococcus chroococcus	1	
Methylococcus luteus → Methylobacter luteus		
Methylococcus mobilis	1	
Methylococcus thermophilus	1	
Methylococcus vinelandii - syn.: Methylobacter whittenburyi		
Methylococcus whittenburyi	1	
METHYLOCYSTIS		
Methylocystis echinoides	1	
Methylocystis parvus	1	
METHYLOMICROBIUM		
Methylomicrobium agile (Methylobacter agilis)	1	
Methylomicrobium album (Methylobacter albus)	1	
Methylomicrobium pelagicum (Methylobacter pelagicus)	1	
METHYLOMONAS		
Methylomonas aurantiaca	1	

Methylomonas fodinarum	1	
Methylomonas methanica	1	
Methylomonas pelagica → Methylomicrobium pelagicum		
METHYLOPHAGA		
Methylophaga marina	1	
Methylophaga sulfidovorans		X
Methylophaga thalassica	1	
METHYLOPHILUS		
Methylophilus methylotrophus	1	
METHYLOPILA		
Methylopila capsulata		X
METHYLORHABDUS		
Methylorhabdus multivorans	1	
METHYLOSINUS		
Methylosinus sporium	1	
Methylosinus trichosporium	1	
METHYLOSPAERA		
Methylosphaera hansonii		X
METHYLOVORUS		
Methylovorus glucosotrophus	1	
MICAVIBRIO		
Micavibrio admirandus	1	
MICROBACTERIUM		
Microbacterium arabinogalactanolyticum		X
Microbacterium arborescens	1	
Microbacterium aurantiacum		X
Microbacterium aurum	1	
Microbacterium barkeri	1	
Microbacterium chocolatum	1	
Microbacterium dextranolyticum	1	
Microbacterium esteraromaticum	1	
Microbacterium flavescens	1	
Microbacterium halophilum	1	
Microbacterium hominis		X
Microbacterium imperiale (Brevibacterium imperiale)	1	
Microbacterium keratanolyticum		X
Microbacterium ketosireducens	1	

Microbacterium kitamiense	1	
Microbacterium lacticum	1	
Microbacterium laevaniformans	1	
Microbacterium liquefaciens		X
Microbacterium luteolum		X
Microbacterium maritypicum		X
Microbacterium oxydans	1	
Microbacterium saperdae		X
Microbacterium schleiferi		X
Microbacterium terrae		X
Microbacterium terregens	1	
Microbacterium testaceum	1	
Microbacterium thalassium	1	
Microbacterium trichothecenolyticum		X

MICROBISPORA

Microbispora aerata → Microbispora rosea subsp. aerata		
Microbispora amethystogenes - syn.:		
Microbispora rosea subsp. rosea		
Microbispora bispora → Thermobispora bispora		
Microbispora chromogenes - syn.:		
Microbispora rosea subsp. rosea		
Microbispora corallina		X
Microbispora diastatica - syn.: Microbispora rosea subsp. rosea		
Microbispora echinospora → Actinomadura echinospora		
Microbispora indica - syn.: Microbispora rosea subsp. rosea		
Microbispora karnatakensis - syn.:		
Microbispora rosea subsp. rosea		
Microbispora mesophila		X
Microbispora parva - syn.: Microbispora rosea subsp. rosea		
Microbispora rosea → Microbispora rosea subsp. rosea		
Microbispora rosea subsp. Aerata		
(Microbispora aerata)	1	
Microbispora rosea subsp. rosea		
(Microbispora rosea)	1	
Microbispora thermodiastatica - syn.:		
Microbispora rosea subsp. aerata		
Microbispora thermorosea - syn.: Microbispora rosea subsp. aerata		
Microbispora viridis → Actinomadura rugatobispora		

MICROBULBIFER

Microbulbifer hydrolyticus	1	
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MICROCOCCUS

Micrococcus agilis → Arthrobacter agilis		
Micrococcus halobius → Nesterenkonia halobia		
Micrococcus kristinae → Kocuria kristinae		
Micrococcus luteus	1	
Micrococcus lylae	1	
Micrococcus nishinomiyaensis → Dermacoccus nishinomiyaensis		
Micrococcus roseus → Kocuria rosea		
Micrococcus sedentarius → Kytococcus sedentarius		
Micrococcus varians → Kocuria varians		

MICROCYCLUS → ANCYLOBACTER

Microcyclus aquaticus → Ancylobacter aquaticus		
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MICROELLOBOSPORIA → STREPTOMYCES

Microellobosporia cinerea → Streptomyces cinereus		
Microellobosporia flavea → Streptomyces flaveus		
Microellobosporia grisea - syn.: Streptomyces pseudoechinosporeus		
Microellobosporia violacea - syn.: Streptomyces yerevanensis		

MICROLUNATUS

Microlunatus phosphovorus	1	
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MICROMONOSPORA

Micromonospora aurantiaca	1	
Micromonospora brunnea	1	
Micromonospora carbonacea		X
Micromonospora carbonacea subsp. aurantiaca	1	
Micromonospora carbonacea subsp. carbonacea	1	
Micromonospora chalcea	1	
Micromonospora chersina		X
Micromonospora coerulea	1	
Micromonospora echinospora		X
Micromonospora echinospora subsp. echinospora	1	
Micromonospora echinospora subsp. ferruginea	1	
Micromonospora echinospora subsp. pallida	1	
Micromonospora gallica - syn.: Streptomyces yerevanensis		
Micromonospora halophytica		X
Micromonospora halophytica subsp. halophytica – syn.: Streptomyces yerevanensis		
Micromonospora halophytica subsp. nigra - syn.: Streptomyces yerevanensis		
Micromonospora inositola	1	

Micromonospora olivasterospora	1
Micromonospora purpurea	1
Micromonospora purpureochromogenes	1
Micromonospora rhodorangea	1
Micromonospora rosaria	1
MICROPOLYSPORA	
Micropolyspora angiospora → Microtetraspora angiospora	
Micropolyspora brevicatena → Nocardia brevicatena	
Micropolyspora faeni - syn.: Faenia reactivirgula → Saccharopolyspora reactivirgula	
Micropolyspora internatus	1
Micropolyspora reactivirgula → Saccharopolyspora reactivirgula	
MICROSCILLA	
Microscilla marina	1
MICROSPHAERA	
Microsphaera multipartita	1
MICROTETRASPORA	
Microtetraspora africana (Nocardiopsis africana)	1
Microtetraspora angiospora (Micropolyspora angiospora)	1
Microtetraspora fastidiosa (Actinomadura fastidiosa)	1
Microtetraspora ferruginea (Actinomadura ferruginea)	1
Microtetraspora flexuosa (Actinomadura flexuosa)	1
Microtetraspora fusca	1
Microtetraspora glauca	1
Microtetraspora helvata (Actinomadura helvata)	1
Microtetraspora niveoalba	1
Microtetraspora polychroma (Actinomadura polychroma)	1
Microtetraspora pusilla (Actinomadura pusilla)	1
Microtetraspora recticatena (Actinomadura recticatena)	1
Microtetraspora roseola (Actinomadura roseola)	1
Microtetraspora roseoviolacea (Actinomadura roseoviolacea)	1
Microtetraspora rubra (Actinomadura rubra)	1
Microtetraspora salmonea (Actinomadura salmonea)	1
Microtetraspora spiralis (Actinomadura spiralis)	1
Microtetraspora turkmeniaca (Actinomadura turkmeniaca)	1
Microtetraspora tyrrhenii	1
Microtetraspora viridis → Actinomadura viridis	
MICROVIRGULA	
Microvirgula aerodenitrificans (some strains Group 1)	2

MITSUOKELLA

Mitsuokella dentalis → Prevotella dentalis

Mitsuokella multacida (Bacteroides multacidus) 2

MOBILUNCUS

Mobiluncus curtisii X

Mobiluncus curtisii subsp. curtisii 2

Mobiluncus curtisii subsp. holmesii 2

Mobiluncus mulieris 2

MOELLERELLA

Moellerella wisconsensis 2

MOORELLA

Moorella glycerini 1

Moorella thermacetica (Clostridium thermaceticum) 1

Moorella thermautotrophica (Clostridium
thermautotrophicum) 1**MORAXELLA**

Moraxella anatipestifer → Riemerella anatipestifer

Moraxella atlantae 2

Moraxella boevrei 1

Moraxella bovis 1

Moraxella canis 1 +

Moraxella caprae 2 t

Moraxella (Branhamella) catarrhalis 2

Moraxella (Branhamella) caviae = Neisseria caviae 1

Moraxella (Branhamella) cuniculi (Neisseria cuniculi) 1

Moraxella equi 2 t

Moraxella lacunata 2

Moraxella lincolnii 1 +

Moraxella nonliquefaciens 2

Moraxella osloensis 2

Moraxella (Branhamella) ovis = Neisseria ovis 2 t

Moraxella phenylpyruvica → Psychrobacter
phenylpyruvicus

Moraxella saccharolytica 2

Moraxella urethralis → Oligella urethralis

MORGANELLA

Morganella morganii X

Morganella morganii subsp. morganii
= Proteus morganii 2

Morganella morganii subsp. sibonii 2

MORITELLA

Moritella japonica	1	
Moritella marina	1	
Moritella yayanosii	1	

MOROCOCCUS

Morococcus cerebrosus	2	
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MYCOBACTERIUM

Mycobacterium abscessus (Mycobacterium chelonae subsp. abscessus)	2	
Mycobacterium africanum	3	
Mycobacterium agri	1	
Mycobacterium aichiense	1	
Mycobacterium alvei	1	
Mycobacterium aquae		X
Mycobacterium asiaticum	2	
Mycobacterium aurum	1	
Mycobacterium austroafricanum	2	
Mycobacterium avium → Mycobacterium avium subsp. avium		
Mycobacterium avium subsp. avium (Mycobacterium avium)	2	
Mycobacterium avium subsp. paratuberculosis (Mycobacterium paratuberculosis)	2	
Mycobacterium avium subsp. silvaticum	2	
Mycobacterium bohemicum		X
Mycobacterium bovis (ausser BCG-Stamm)	3	
Mycobacterium branderi	2	
Mycobacterium brumae	1	
Mycobacterium canettii	3	
Mycobacterium celatum	2	
Mycobacterium chelonae subsp. abscessus → Mycobacterium abscessus		
Mycobacterium chelonae (Mycobacterium chelonae subsp. chelonae)	2	
Mycobacterium chelonae subsp. chelonae → Mycobacterium chelonae		
Mycobacterium chitae	1	
Mycobacterium chlorphenolicum (Rhodococcus chlorphenolicus)	1	
Mycobacterium chubuense	1	
Mycobacterium confluentis	1	
Mycobacterium conspicuum	2	
Mycobacterium cookii	1	

Mycobacterium diernhoferi	1	
Mycobacterium duvalii	1	+
Mycobacterium fallax	1	
Mycobacterium farcinogenes	2	t
Mycobacterium flavescens	2	
Mycobacterium fortuitum	2	
Mycobacterium fortuitum subsp. acetamidolyticum	2	
Mycobacterium fortuitum subsp. fortuitum	2	
Mycobacterium gadium	1	+
Mycobacterium gastri	2	
Mycobacterium genavense	2	
Mycobacterium gilvum	1	
Mycobacterium goodii		X
Mycobacterium gordonae	1	+
Mycobacterium haemophilum	2	
Mycobacterium hassiacum	1	
Mycobacterium heidelbergense	2	
Mycobacterium hiberniae	1	
Mycobacterium hodleri	1	
Mycobacterium interjectum	2	
Mycobacterium intermedium	2	
Mycobacterium intracellulare	2	
Mycobacterium kansasii	2	
Mycobacterium komossense	1	
Mycobacterium lentiflavum	2	
Mycobacterium leprae	3	
Mycobacterium lepraemurium	2	t
Mycobacterium madagascariense	1	
Mycobacterium mageritense	1	+
Mycobacterium malmoense	2	
Mycobacterium marinum	2	
Mycobacterium microti	3**	
Mycobacterium moriokaense	1	+
Mycobacterium mucogenicum	2	
Mycobacterium neoaurum	1	+
Mycobacterium nonchromogenicum	1	+
Mycobacterium novocastrense	2	
Mycobacterium obuense	1	+
Mycobacterium parafortuitum	1	
Mycobacterium paratuberculosis →		
Mycobacterium avium subsp. paratuberculosis		
Mycobacterium peregrinum	1	+
Mycobacterium phlei	1	
Mycobacterium porcinum	2	t
Mycobacterium poriferae	1	
Mycobacterium pulveris	1	

<i>Mycobacterium rhodesiae</i>	1	+
<i>Mycobacterium scrofulaceum</i>	2	
<i>Mycobacterium senegalense</i>	2	t
<i>Mycobacterium shimoidei</i>	2	
<i>Mycobacterium simiae</i>	2	
<i>Mycobacterium smegmatis</i>	1	
<i>Mycobacterium sphagni</i>	1	
<i>Mycobacterium szulgai</i>	2	
<i>Mycobacterium terrae</i>	1	+
<i>Mycobacterium thermoresistibile</i>	1	+
<i>Mycobacterium tokaiense</i>	1	
<i>Mycobacterium triplex</i>	2?	
<i>Mycobacterium triviale</i>	1	+
<i>Mycobacterium tuberculosis</i>	3	
<i>Mycobacterium tuberculosis</i> subsp. <i>caprae</i>	2	
<i>Mycobacterium tuberculosis</i> subsp. <i>tuberculosis</i>	2	
<i>Mycobacterium tusciae</i>	2	
<i>Mycobacterium ulcerans</i>	3**	
<i>Mycobacterium vaccae</i>	2	t
<i>Mycobacterium wolinskyi</i>	2	
<i>Mycobacterium xenopi</i>	2	
MYCOPLANA		
<i>Mycoplana bullata</i>	1	
<i>Mycoplana dimorpha</i>	1	
<i>Mycoplana ramosa</i>	1	
<i>Mycoplana segnis</i>	1	
MYCOPLASMA		
<i>Mycoplasma adleri</i>	2	t
<i>Mycoplasma agalactiae</i>	2	t
<i>Mycoplasma alkalescens</i>	2	t
<i>Mycoplasma alvi</i>	1	
<i>Mycoplasma anatis</i>	2	t
<i>Mycoplasma anseris</i>	1	
<i>Mycoplasma arginini</i>	2	t
<i>Mycoplasma arthritis</i>	2	t
<i>Mycoplasma auris</i>	1	t?
<i>Mycoplasma bovigenitalium</i>	2	t
<i>Mycoplasma bovirhinis</i>	2	t
<i>Mycoplasma bovis</i>	2	t
<i>Mycoplasma bovoculi</i>	2	t
<i>Mycoplasma buccale</i>	1	+
<i>Mycoplasma buteonis</i>	2	t
<i>Mycoplasma californicum</i>	2	t
<i>Mycoplasma canadense</i>	2	t

<i>Mycoplasma canis</i>	2	t
<i>Mycoplasma capricolum</i> subsp. <i>capricolum</i>	2	t
<i>Mycoplasma capricolum</i> subsp. <i>capripneumoniae</i>	2	t
<i>Mycoplasma caviae</i>	2	
<i>Mycoplasma cavipharyngis</i>	1	
<i>Mycoplasma citelli</i>	1	
<i>Mycoplasma cloacale</i>	1	t?
<i>Mycoplasma collis</i>	2	t
<i>Mycoplasma columbinasale</i>	2	t
<i>Mycoplasma columbinum</i>	1	
<i>Mycoplasma columborale</i>	1	
<i>Mycoplasma conjunctivae</i>	2	t
<i>Mycoplasma corogypsi</i>	2	t
<i>Mycoplasma cottewii</i>	1	t?
<i>Mycoplasma cricetuli</i>	1	t?
<i>Mycoplasma crocodyli</i>	2	t
<i>Mycoplasma cynos</i>	2	t
<i>Mycoplasma dispar</i>	2	t
<i>Mycoplasma edwardii</i>	2	t
<i>Mycoplasma elephantis</i>	1	t?
<i>Mycoplasma ellychniae</i>	1	
<i>Mycoplasma equigenitalium</i>	2	t
<i>Mycoplasma equirhinis</i>	2	t
<i>Mycoplasma falconis</i>	2	t
<i>Mycoplasma fastidiosum</i>	1	
<i>Mycoplasma faucium</i>	1	
<i>Mycoplasma felifaucium</i>	1	
<i>Mycoplasma feliminutum</i>	1	t?
<i>Mycoplasma felis</i>	2	t
<i>Mycoplasma fermentans</i>	2	
<i>Mycoplasma flocculare</i>	2	t
<i>Mycoplasma gallinaceum</i>	1	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 hominis</i>	2	
<i>Mycoplasma hyopharyngis</i>	1	t?
<i>Mycoplasma hyopneumoniae</i>	2	t
<i>Mycoplasma hyorhinis</i>	2	t
<i>Mycoplasma hyosynoviae</i>	2	t
<i>Mycoplasma imitans</i>	2	t
<i>Mycoplasma indiense</i>	1	t?

<i>Mycoplasma iners</i>	1	t?
<i>Mycoplasma iowae</i>	2	t
<i>Mycoplasma lactucae</i> → <i>Mesoplasma lactucae</i>		
<i>Mycoplasma lagogenitalium</i>	1	
<i>Mycoplasma leonicaptivi</i>	1	t?
<i>Mycoplasma leopharyngis</i>	1	t?
<i>Mycoplasma lipofaciens</i>	2	t
<i>Mycoplasma lipophilum</i>	1	+
<i>Mycoplasma lucivorax</i>	1	
<i>Mycoplasma luminosum</i>	1	
<i>Mycoplasma maculosum</i>	2	t
<i>Mycoplasma metaleucae</i>	1	
<i>Mycoplasma meleagridis</i>	2	t
<i>Mycoplasma mirum</i>	1	
<i>Mycoplasma moatsii</i>	1	t?
<i>Mycoplasma mobile</i>	1	t?
<i>Mycoplasma molare</i>	1	t?
<i>Mycoplasma muris</i>	1	t?
<i>Mycoplasma mustelae</i>	1	t?
<i>Mycoplasma mycoides</i> subsp. <i>capri</i>	2	t
<i>Mycoplasma mycoides</i> subsp. <i>mycoides</i> LC	2	t
<i>Mycoplasma mycoides</i> subst. <i>mycoides</i> SC	3	t
<i>Mycoplasma neurolyticum</i>	2	t
<i>Mycoplasma opalescens</i>	1	t?
<i>Mycoplasma orale</i>	1	+
<i>Mycoplasma ovipneumoniae</i>	2	t
<i>Mycoplasma oxoniensis</i>	1	t?
<i>Mycoplasma penetrans</i>	2	
<i>Mycoplasma phocacerebrale</i>	2	t
<i>Mycoplasma phocarhinis</i>	2	t
<i>Mycoplasma phocidae</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	t?
<i>Mycoplasma somnilux</i>	1	
<i>Mycoplasma spermatophilum</i>	1	+
<i>Mycoplasma spumans</i>	2	t
<i>Mycoplasma sturni</i>	2	t?
<i>Mycoplasma sualvi</i>	1	t?
<i>Mycoplasma subdolum</i>	1	t?
<i>Mycoplasma suis</i> → <i>Mycoplasma</i>		

hyopneumoniae		
Mycoplasma synoviae	2	t
Mycoplasma testudinis	1	
Mycoplasma verecundum	2	t
Mycoplasma yeatsii	1	t?
MYCOPLASMA LIKE ORGANISMS [MLO]		
Apple proliferation mycoplasma [MLO]	2	Q p
Apricot chlorotic leafroll mycoplasma [MLO]	2	Q p
Elm phloëm necrosis mycoplasma [MLO]	3	Q p
Grapevine flavescence dorée [MLO]	2	Q p
Palm lethal yellowing mycoplasma [MLO]	3	Q p
Peach rosette virus [MLO]	3	Q p
Peach X-disease virus [MLO]	3	Q p
Peach yellows virus [MLO]	3	Q p
Pear decline mycoplasma [MLO]	2	Q p
Potato stolbur [MLO]	2	Q p
Strawberry witches' broom mycoplasma [MLO]	3	Q p
MYROIDES		
Myroides odoratimimus	2	
Myroides odoratus (Flavobacterium odoratum)	2	
MYXOCOCCUS		
Myxococcus coralloides	1	
Myxococcus disciformis → Angiococcus disciformis		
Myxococcus flavescens	1	
Myxococcus fulvus	1	
Myxococcus macrosporus	1	
Myxococcus stipitatus	1	
Myxococcus virescens	1	
Myxococcus xanthus	1	
NANNOCYSTIS		
Nannocystis exedens	1	
NATRIALBA		
Natrialba asiatica	1	
Natrialba magadii (Natronobacterium magadii)	1	
NATRINEMA		
Natrinema pallidum		X
Natrinema pellirubrum		X

NATRONIELLA		
Natroniella acetigena	1	
NATRONINCOLA		
Natronincola histidinovorans		X
NATRONOBACTERIUM		
Natronobacterium gregoryi	1	
Natronobacterium magadii → Natrialba magadii		
Natronobacterium pharaonis (Halobacterium pharaonis)		
Natronomonas pharaonis		
Natronobacterium vacuolatum → Halorubrum vacuolatum		
NATRONOCOCCUS		
Natronococcus amylolyticus	1	
Natronococcus occultus	1	
NATRONOMONAS		
Natronomonas pharaonis (Natronobacterium pharaonis)	1	
NATRONORUBRUM		
Natronorubrum bangense		X
Natronorubrum tibetense		X
NEISSERIA		
Neisseria animalis	1	
Neisseria canis	1	+
Neisseria caviae = Moraxella (Branhamella) caviae	1	
Neisseria cinerea	1	+
Neisseria cuniculi → Moraxella cuniculi		
Neisseria denitrificans	1	
Neisseria dentiae	1	
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	2	
Neisseria macacae	1	
Neisseria meningitidis	2	
Neisseria mucosa	2	
Neisseria ovis = Moraxella (Branhamella) ovis	2	t
Neisseria perflava	1	+
Neisseria polysaccharea	1	

Neisseria sicca	2	TA
Neisseria subflava	2	
Neisseria weaveri	2	
NEORICKETTSIA		
Neorickettsia helminthoeca	2	t
NEPTUNOMONAS		
Neptunomonas naphthovorans		X
NESTERENKONIA		
Nesterenkonia halobia (Micrococcus halobius)	1	
NEVSKIA		
Nevskia ramosa	1	
NITROBACTER		
Nitrobacter alkalicus	1	
Nitrobacter winogradskyi	1	
NITROCOCCUS		
Nitrococcus mobilis	1	
NITROSOCOCCUS		
Nitrosococcus nitrosus	1	
Nitrosococcus oceani	1	
NITROSOLOBUS → NITROSOSPIRA		
Nitrosolobus multiformis → Nitrospira multiformis		
NITROSOMONAS		
Nitrosomonas europaea	1	
NITROSOSPIRA		
Nitrospira briensis	1	
Nitrospira multiformis (Nitrosolobus multiformis)	1	
Nitrospira tenuis ("Nitrosovibrio tenuis")	1	
NITROSPINA		
Nitrospina gracilis	1	
NITROSPIRA		
Nitrospira marina	1	
NOCARDIA		
Nocardia amarae → Gordonia amarae		

<i>Nocardia asteroides</i>	2	
<i>Nocardia autotrophica</i> → <i>Pseudonocardia autotrophica</i>		
<i>Nocardia brasiliensis</i>	2	
<i>Nocardia brevicatena</i> (<i>Micropolyspora brevicatena</i>)	1	+
<i>Nocardia calcarea</i> → <i>Rhodococcus erythropolis</i>		
<i>Nocardia carnea</i>	1	
<i>Nocardia cellulans</i> → <i>Cellulomonas cellulans</i>		
<i>Nocardia coeliaca</i>	1	
<i>Nocardia corynebacterioides</i>	1	
<i>Nocardia crassostreae</i>		X
<i>Nocardia farcinica</i>	2	
<i>Nocardia flavorosea</i>		X
<i>Nocardia globerula</i> → <i>Rhodococcus globerulus</i>		
<i>Nocardia hydrocarbonoxydans</i> → <i>Pseudonocardia hydrocarbonoxydans</i>		
<i>Nocardia mediterranei</i> → <i>Amycolatopsis mediterranei</i>		
<i>Nocardia nova</i>	2	
<i>Nocardia orientalis</i> → <i>Amycolatopsis orientalis</i>		
<i>Nocardia otitidiscaviarum</i>	2	
<i>Nocardia petroleophila</i> → <i>Pseudonocardia petroleophila</i>		
<i>Nocardia pinensis</i> → <i>Skermania piniformis</i>		
<i>Nocardia pseudobrasiliensis</i>	2	
<i>Nocardia restricta</i> → <i>Rhodococcus equi</i>		
<i>Nocardia rugosa</i>	1	
<i>Nocardia salmonicida</i>	2	t
<i>Nocardia saturna</i> → <i>Pseudonocardia saturna</i>		
<i>Nocardia seriolae</i>	2	t
<i>Nocardia sulphurea</i>	1	
<i>Nocardia transvalensis</i>	2	
<i>Nocardia uniformis</i>		X
<i>Nocardia vaccinii</i>	1	p?
NOCARDIOIDES		
<i>Nocardioides albus</i>	1	
<i>Nocardioides fastidiosus</i> → <i>Aeromicrobium fastidiosum</i>		
<i>Nocardioides jensenii</i> (<i>Pimelobacter jensenii</i>)	1	
<i>Nocardioides luteus</i>	1	
<i>Nocardioides nitrophenolicus</i>	1	
<i>Nocardioides plantarum</i>	1	
<i>Nocardioides pyridinolyticus</i>	1	
<i>Nocardioides simplex</i> (<i>Arthrobacter simplex</i> ; <i>Pimelobacter simplex</i>)	1	
NOCARDIOPSIS		
<i>Nocardiosis africana</i> (<i>Actinomadura africana</i>) → <i>Microtetraspora africana</i>		

Nocardiopsis alba		X
Nocardiopsis alba subsp. alba	1	
Nocardiopsis alba subsp. prasina → Nocardiopsis prasina		
Nocardiopsis alborubida - syn.: Nocardiopsis dassonvillei		
Nocardiopsis antarctica - syn.: Nocardiopsis dassonvillei		
Nocardiopsis coeruleofusca (Actinomadura coeruleofusca) → Saccharothrix coeruleofusca		
Nocardiopsis dassonvillei	2	
Nocardiopsis dassonvillei subsp. dassonvillei	2	
Nocardiopsis dassonvillei subsp. prasina → Nocardiopsis alba subsp. prasina		
Nocardiopsis flava (Actinomadura flava) → Saccharothrix flava		
Nocardiopsis halophila	1	
Nocardiopsis listeri	1	
Nocardiopsis longispora (Actinomadura longispora) → Saccharothrix longispora		
Nocardiopsis lucentensis	1	
Nocardiopsis mutabilis → Saccharothrix mutabilis subsp. mutabilis		
Nocardiopsis prasina (Nocardiopsis alba subsp. prasina)	1	
Nocardiopsis synnemataformans	1	+
Nocardiopsis syringae → Saccharothrix syringae		
NONOMURAEA		
Nonomuraea africana		X
Nonomuraea angiospora		X
Nonomuraea fastidiosa		X
Nonomuraea ferruginea		X
Nonomuraea flexuosa		X
Nonomuraea helvata		X
Nonomuraea longicatena		X
Nonomuraea polychroma		X
Nonomuraea pusilla		X
Nonomuraea recticatena		X
Nonomuraea roseola		X
Nonomuraea roseoviolacea		X
Nonomuraea rubra		X
Nonomuraea salmonea		X
Nonomuraea spiralis		X
Nonomuraea turkmeniaca		X
OBESUMBACTERIUM		

Obesumbacterium proteus	1	
OCEANOSPIRILLUM		
Oceanospirillum beijerinckii		X
Oceanospirillum beijerinckii subsp. beijerinckii	1	
Oceanospirillum beijerinckii subsp. pelagicum (Oceanospirillum pelagicum)	1	
Oceanospirillum commune = Marinomonas communis	1	
Oceanospirillum hiroschimense → Oceanospirillum maris subsp. hiroschimense		
Oceanospirillum jannaschii	1	
Oceanospirillum japonicum	1	
Oceanospirillum kriegii	1	
Oceanospirillum linum	1	
Oceanospirillum maris		X
Oceanospirillum maris subsp. hiroschimense (Oceanospirillum hiroschimense)	1	
Oceanospirillum maris subsp. maris	1	
Oceanospirillum maris subsp. williamsae	1	
Oceanospirillum minutulum	1	
Oceanospirillum multiglobuliferum	1	
Oceanospirillum pelagicum → Oceanospirillum beijerinckii subsp. pelagicum		
Oceanospirillum pusillum	1	
Oceanospirillum vagum = Marinomonas vaga	1	
OCHROBACTRUM		
Ochrobactrum anthropi	2	TA
Ochrobactrum intermedium		X
OCTADECABACTER		
Octadecabacter antarcticus		X
Octadecabacter arcticus		X
OENOCOCCUS		
Oenococcus oeni (Leuconostoc oeni)	1	
OERSKOVIA CELLULOMONAS		
Oerskovia turbata Cellulomonas turbata		
Oerskovia xanthineolytica - syn.: Cellulomonas cellulans		
OLIGELLA		
Oligella ureolytica	1	+
Oligella urethralis (Moraxella urethralis)	1	+
OLIGOTROPHA		

Oligotropha carboxidovorans	1	
ORENIA		
Orenia marismortui (Sporohalobacter marismortui)	1	
ORIBACULUM → PORPHYROMONAS		
Oribaculum catoniae → Porphyromonas catoniae		
ORIENTIA		
Orientia tsutsugamushi (Rickettsia tsutsugamushi)	3	
ORNITHINOCOCCUS		
Ornithinicoccus hortensis		X
ORNITHOBACTERIUM		
Ornithobacterium rhinotracheale	2	t
OSCILLOCHLORIS		
Oscillochloris chrysea	1	
Oscillochloris trichoides	1	
OSCILLOSPIRA		
Oscillospira guilliermondii	1	
OXALOBACTER		
Oxalobacter formigenes	1	
Oxalobacter vibrioformis	1	
OXALOPHAGUS		
Oxalophagus oxalicus (Clostridium oxalicum)	1	
OXOBACTER		
Oxobacter pfennigii (Clostridium pfennigii)	1	
PAENIBACILLUS		
Paenibacillus alginolyticus (Bacillus alginolyticus)	1	
Paenibacillus alvei (Bacillus alvei)	1	+
Paenibacillus amylolyticus (Bacillus amylolyticus)	1	
Paenibacillus apiarius	1	
Paenibacillus azotofixans (Bacillus azotofixans)	1	
Paenibacillus campinasensis		X
Paenibacillus chibensis	1	
Paenibacillus chondroitinus (Bacillus chondroitinus)	1	
Paenibacillus curdlanolyticus (Bacillus curdlanolyticus)	1	

Paenibacillus dendritiformis			X
Paenibacillus durus (Clostridium durum) - syn.:			
Paenibacillus azotofixans			
Paenibacillus glucanolyticus (Bacillus glucanolyticus)	1		
Paenibacillus gordonae (Bacillus gordonae) - syn.:			
Paenibacillus validus			
Paenibacillus illinoisensis	1		
Paenibacillus kobensis (Bacillus kobensis)	1		
Paenibacillus larvae (Bacillus larvae)	2		n
Paenibacillus larvae subsp. larvae	1		n
Paenibacillus larvae subsp. pulvifaciens (Paenibacillus pulvifaciens)	1		n
Paenibacillus lautus (Bacillus lautus)	1		
Paenibacillus lentimorbus			X
Paenibacillus macerans (Bacillus macerans)	1		+
Paenibacillus macquariensis (Bacillus macquariensis)	1		
Paenibacillus pabuli (Bacillus pabuli)	1		
Paenibacillus peoriae (Bacillus peoriae)	1		
Paenibacillus polymyxa (Bacillus polymyxa)	1		
Paenibacillus popilliae	2		
Paenibacillus pulvifaciens (Bacillus pulvifaciens) →			
Paenibacillus larvae subsp. pulvifaciens			
Paenibacillus thiaminolyticus (Bacillus thiaminolyticus)	1		+
Paenibacillus validus (Bacillus validus)	1		
PANTOEA			
Pantoea agglomerans (Enterobacter agglomerans)	2		p?
Pantoea ananatis (Erwinia ananatis)	1		p
Pantoea citrea	1		
Pantoea dispersa	1		+
Pantoea punctata	1		
Pantoea stewartii	2		Q p
Pantoea stewartii subsp. indologenes	1		p
Pantoea stewartii subsp. stewartii (Erwinia stewartii)	2		Q p
Pantoea terrea	1		
PARACHLAMYDIA			
Parachlamydia acanthamoebae			X
PARACOCCLUS			
Paracoccus alcaliphilus	1		
Paracoccus alkenifer			X
Paracoccus aminophilus	1		
Paracoccus aminovorans	1		
Paracoccus carotinifaciens			X
Paracoccus denitrificans = Thiosphaera pantotropha	1		

Paracoccus halodenitrificans → Halomonas halodenitrificans		
Paracoccus kocurii	1	
Paracoccus marcusii		X
Paracoccus methylutens		X
Paracoccus pantotrophus		X
Paracoccus solventivorans		X
Paracoccus thiocyanatus	1	
Paracoccus versutus (Thiobacillus versutus, Thiobacillus rapidicrescens)	1	
PARACRAUROCOCCUS		
Paracraurococcus ruber		X
PASTEURELLA		
Pasteurella aerogenes	1	+
Pasteurella anatis	1	
Pasteurella avium (Haemophilus avium)	1	
Pasteurella bettyae (Pasteurella bettii)	2	
Pasteurella caballi	2	t
Pasteurella canis	2	
Pasteurella dagmatis	2	
Pasteurella gallicida → Pasteurella multocida subsp. gallicida		
Pasteurella gallinarum	2	t
Pasteurella granulomatis	2	t
Pasteurella haemolytica	2	
Pasteurella langaensis	1	
Pasteurella lymphangitidis	2	t
Pasteurella mairii (Pasteurella mairi)	2	t
Pasteurella multocida		X
Pasteurella multocida subsp. gallicida (Pasteurella gallicida)	2	
Pasteurella multocida subsp. multocida	2	
Pasteurella multocida subsp. septica	2	
Pasteurella piscicida → Photobacterium damsela subsp. piscicida		
Pasteurella pneumotropica	2	
Pasteurella stomatis	2	
Pasteurella testudinis	2	t
Pasteurella trehalosi	2	t
Pasteurella ureae → Actinobacillus ureae		
Pasteurella volantium	1	+
PASTEURIA		
Pasteuria nishizawae	1	n

Pasteuria penetrans	1	n
Pasteuria ramosa - syn.: Pirellula staleyi		
Pasteuria thornei	1	n
PECTINATUS		
Pectinatus cerevisiiphilus	1	
Pectinatus frisingensis	1	
PECTOBACTERIUM - syn.: ERWINIA		
Pectobacterium cacticida – syn.: Erwinia cacticida		
Pectobacterium carnegieana - syn.: Erwinia carnegieana		
Pectobacterium carotovorum - syn.: Erwinia carotovora		
Pectobacterium chrysanthemi - syn.: Erwinia chrysanthemi		
Pectobacterium cypripedii - syn.: Erwinia cypripedii		
Pectobacterium rhapontici - syn.: Erwinia rhapontici		
PEDIOCOCCUS		
Pediococcus acidilactici	1	
Pediococcus damnosus	1	
Pediococcus dextrinicus	1	
Pediococcus halophilus → Tetragenococcus halophilus	1	
Pediococcus inopinatus	1	
Pediococcus parvulus	1	
Pediococcus pentosaceus	1	
Pediococcus urinaeequi	1	
PEDOBACTER		
Pedobacter africanus		X
Pedobacter heparinus		X
Pedobacter piscium		X
Pedobacter saltans		X
PEDOMICROBIUM		
Pedomicrobium americanum	1	
Pedomicrobium australicum	1	
Pedomicrobium ferrugineum	1	
Pedomicrobium manganicum	1	
PELCZARIA		
Pelczaria aurantia	1	
PELISTEGA		
Pelistega europaea		X
PELOBACTER		
Pelobacter acetylenicus	1	

Pelobacter acidigallici	1
Pelobacter carbinolicus	1
Pelobacter massiliensis	1
Pelobacter propionicus	1
Pelobacter venetianus	1

PELODICTYON

Pelodictyon clathratiforme	1
Pelodictyon luteolum	1
Pelodictyon phaeoclathratiforme	1
Pelodictyon phaeum	1

PEPTOCOCCUS

Peptococcus anaerobius → Peptostreptococcus anaerobius	
Peptococcus asaccharolyticus → Peptostreptococcus asaccharolyticus	
Peptococcus glycinophilus – syn.: Peptostreptococcus micros	
Peptococcus heliotrinreducens → Peptostreptococcus heliotrinreducens	
Peptococcus indolicus → Peptostreptococcus indolicus	
Peptococcus magnus → Peptostreptococcus magnus	
Peptococcus niger	2
Peptococcus prevotii → Peptostreptococcus prevotii	
Peptococcus saccharolyticus → Staphylococcus saccharolyticus	

PEPTOSTREPTOCOCCUS

Peptostreptococcus anaerobius (Peptococcus anaerobius)	2	
Peptostreptococcus asaccharolyticus (Peptococcus asaccharolyticus)	2	
Peptostreptococcus barnesae	1	+
Peptostreptococcus harei	2	
Peptostreptococcus heliotrinreducens (Peptococcus heliotrinreducens)	1	+
Peptostreptococcus hydrogenalis	1	+
Peptostreptococcus indolicus (Peptococcus indolicus)	2	t
Peptostreptococcus ivorii	2	
Peptostreptococcus lacrimalis	2	
Peptostreptococcus lactolyticus	1	+
Peptostreptococcus magnus (Peptococcus magnus)	2	
Peptostreptococcus micros	2	
Peptostreptococcus octavius	1	+
Peptostreptococcus parvulus → Atopobium parvulum		
Peptostreptococcus prevotii (Peptococcus prevotii)	2	
Peptostreptococcus productus → Ruminococcus productus		

Peptostreptococcus tetradius	1	+
Peptostreptococcus vaginalis	2	
PERSICOBACTER		
Persicobacter diffluens (Cytophaga diffluens)	1	
PETROTOGA		
Petrotoga miotherma	1	
Petrotoga mobilis		X
PFENNIGIA		
Pfennigia purpurea		X
PHAEOSPIRILLUM		
Phaeospirillum fulvum		X
Phaeospirillum molischianum		X
PHASCOLARCTOBACTERIUM		
Phascolarctobacterium faecium	1	
PHENYLOBACTERIUM		
Phenylobacterium immobile	1	
PHOTOBACTERIUM		
Photobacterium angustum	1	
Photobacterium damselaе	2	
Photobacterium damselaе subsp. damselaе (Listonella damselaе)	2	
Photobacterium damselaе subsp. piscicida (Pasteurella piscicida)	2	t
Photobacterium fischeri = Vibrio fischeri	1	
Photobacterium histaminum	1	
Photobacterium iliopiscarium		X
Photobacterium leiognathi	1	
Photobacterium logei → Vibrio logei		
Photobacterium phosphoreum	1	
Photobacterium profundum		X
PHOTORHABDUS		
Photorhabdus asymbiotica		X
Photorhabdus luminescens (Xenorhabdus luminescens)	1	n
PHYLLOBACTERIUM		
Phyllobacterium myrsinacearum	1	
Phyllobacterium rubiacearum	1	

PICROPHILUS		
Picrophilus oshimae	1	
Picrophilus torridus	1	
PILIMELIA		
Pilimelia anulata	1	
Pilimelia columellifera		X
Pilimelia columellifera subsp. columellifera	1	
Pilimelia columellifera subsp. pallida	1	
Pilimelia terevasa	1	
PILLOTINA		
Pillotina calotermitidis	1	
PIMELOBACTER → NOCARDIOIDES resp. TERRABACTER		
Pimelobacter jensenii → Nocardioides jensenii		
Pimelobacter simplex → Nocardioides simplex		
Pimelobacter tumescens → Terrabacter tumescens		
PIRELLA → PIRELLULA		
Pirella marina → Pirellula marina		
Pirella staleyi → Pirellula staleyi		
PIRELLULA		
Pirellula marina (Pirella marina)	1	
Pirellula staleyi (Pirella staleyi)	1	
PISCIRICKETTSIA		
Piscirickettsia salmonis	2	t
PLANCTOMYCES		
Planctomyces bekefii	1	
Planctomyces brasiliensis	1	
Planctomyces guttaeformis	1	
Planctomyces limnophilus	1	
Planctomyces maris	1	
Planctomyces stranskae	1	
PLANOBISPORA		
Planobispora longispora	1	
Planobispora rosea	1	
PLANOCOCCUS		
Planococcus citreus	1	
Planococcus halophilus → Marinococcus halophilus		
Planococcus kocurii	1	

Planococcus mcmeekinii		X
Planococcus okeanokoites (Flavobacterium okeanokoites)	1	
PLANOMONOSPORA		
Planomonospora alba	1	
Planomonospora parontospora		X
Planomonospora parontospora subsp. antibiotica	1	
Planomonospora parontospora subsp. parontospora	1	
Planomonospora sphaerica	1	
Planomonospora venezuelensis	1	
PLANOPOLYSPORA		
Planopolyspora crispa		
PLANOTETRASPORA		
Planotetraspora mira	1	
PLESIOMONAS		
Plesiomonas shigelloides	2	
POLARIBACTER		
Polaribacter filamentus		X
Polaribacter franzmannii		X
Polaribacter glomeratus		X
Polaribacter irgensii		X
POLAROMONAS		
Polaromonas vacuolata	1	
POLYANGIUM		
Polyangium aureum	1	
Polyangium cellulsum	1	
Polyangium fumosum	1	
Polyangium luteum	1	
Polyangium minor	1	
Polyangium parasiticum	1	
Polyangium rugiseptum	1	
Polyangium solediatum	1	
Polyangium spumosum	1	
Polyangium vitellinum	1	
POLYNUCLEOBACTER		
Polynucleobacter necessarius	1	
PORPHYROBACTER		
Porphyrobacter neustonensis	1	

Porphyrobacter tepidarius	1	
PORPHYROMONAS		
Porphyromonas asaccharolytica (Bacteroides asaccharolyticus)	2	
Porphyromonas cangingivalis	2	t
Porphyromonas canoris	2	t
Porphyromonas cansulci	2	t
Porphyromonas catoniae (Oribaculum catoniae)	2	
Porphyromonas circumdentaria	2	t
Porphyromonas crevioricanis	2?	t
Porphyromonas endodontalis (Bacteroides endodontalis)	2	
Porphyromonas gingivalis (Bacteroides gingivalis)	2	
Porphyromonas gingivicanis	2?	t
Porphyromonas levii (Bacteroides levii)	2	
Porphyromonas macacae (Bacteroides macacae)	2	t
Porphyromonas salivosa (Bacteroides salivosus) - syn.: Porphyromonas macacae		
PRAGIA		
Pragia fontium	1	
PRAUSERELLA		
Prauserella rugosa		X
PREVOTELLA		
Prevotella albensis	2	
Prevotella bivia (Bacteroides bivius)	2	
Prevotella brevis (Prevotella ruminicola subsp. brevis, Bacteroides ruminicola subsp. brevis)	2	
Prevotella bryantii	2	
Prevotella buccae (Bacteroides buccae)	2	
Prevotella buccalis (Bacteroides buccalis)	2	
Prevotella corporis (Bacteroides corporis)	2	
Prevotella dentalis (Mitsuokella dentalis)	1	+
Prevotella denticola (Bacteroides denticola)	2	
Prevotella disiens (Bacteroides disiens)	2	
Prevotella enoeca	1	+
Prevotella heparinolytica (Bacteroides heparinolyticus)	1	+
Prevotella intermedia (Bacteroides intermedius)	2	
Prevotella loescheii (Bacteroides loescheii)	2	
Prevotella melaninogenica (Bacteroides melaninogenicus, Bacteroides melaninogenicus subsp. melaninogenicus)	2	
Prevotella nigrescens	2	
Prevotella oralis (Bacteroides oralis)	2	

Prevotella oris (<i>Bacteroides oris</i>)	2	
Prevotella oulorum (<i>Bacteroides oulorum</i>)	1	
Prevotella pallens		X
Prevotella ruminicola (<i>Bacteroides ruminicola</i> subsp. <i>ruminicola</i>)	2	
Prevotella ruminicola subsp. <i>brevis</i> (<i>Bacteroides</i> <i>ruminicola</i> subsp. <i>brevis</i>) → <i>Prevotella brevis</i>		
Prevotella tannerae	2	
Prevotella veroralis (<i>Bacteroides veroralis</i>)	1	
Prevotella zoogloformans (<i>Bacteroides zoogloformans</i>)	1	+
PROCHLORON		
Prochloron didemni	1	
PROCHLOROTHRIX		
Prochlorothrix hollandica	1	
PROLINOBORUS		
Prolinoborus fasciculus (<i>Aquaspirillum fasciculus</i>)	1	
PROMICROMONOSPORA		
Promicromonospora citrea	1	
Promicromonospora enterophila	1	
Promicromonospora sukumoe	1	
PROPIONIBACTER		
Propionibacter pelophilus	1	
PROPIONIBACTERIUM		
Propionibacterium acidipropionici	1	
Propionibacterium acnes	2	
Propionibacterium avidum	2	
Propionibacterium cyclohexanicum	1	
Propionibacterium freudenreichii		X
Propionibacterium freudenreichii subsp. <i>freudenreichii</i>	1	
Propionibacterium freudenreichii subsp. <i>shermanii</i>	1	
Propionibacterium granulorum	2	
Propionibacterium innocuum → <i>Propioniferax innocua</i>		
Propionibacterium jensenii	1	+
Propionibacterium lymphophilum	2	
Propionibacterium propionicum (<i>Arachnia propionica</i>)	2	
Propionibacterium thoenii	1	
PROPIONIFERAX		
Propioniferax innocua (<i>Propionibacterium innocuum</i>)	1	

PROPIONIGENIUM

Propionigenium maris	1	
Propionigenium modestum	1	

PROPIONISPIRA

Propionispira arboris	1	p?
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PROPIONIVIBRIO

Propionivibrio dicarboxylicus	1	
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PROSTHECOBACTER

Prosthecobacter debontii	1?	
Prosthecobacter dejongeii	1	
Prosthecobacter fusiformis	1	
Prosthecobacter vanneervanii	1	

PROSTHECOCHLORIS

Prosthecochloris aestuarii	1	
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PROSTHECOMICROBIUM

Prosthecomicrobium enhydrium	1	
Prosthecomicrobium hirschii	1	
Prosthecomicrobium litoralum	1	
Prosthecomicrobium pneumaticum	1	

PROTEUS

Proteus inconstans = Providencia alcalifaciens/stuartii	2	
Proteus mirabilis	2	
Proteus morganii = Morganella morganii subsp. morganii	2	
Proteus myxofaciens	1	n?
Proteus penneri	2	
Proteus rettgeri = Providencia rettgeri	2	
Proteus vulgaris	2	

PROTOMONAS → METHYLOBACTERIUM

Protomonas extorquens → Methylobacterium extorquens

PROVIDENCIA

Providencia alcalifaciens = Proteus inconstans	2	
Providencia friedericiana - syn.: Providencia rustigianii		
Providencia heimbachae	1	+
Providencia rettgeri = Proteus rettgeri	2	
Providencia rustigianii	2	
Providencia stuartii = Proteus inconstans	2	

PSEUDAMINOBACTER		
Pseudaminobacter defluvii		X
Pseudaminobacter salicylatoxidans	1	
PSEUDOALTEROMONAS		
Pseudoalteromonas antarctica	1	
Pseudoalteromonas atlantica (Alteromonas atlantica)	1	
Pseudoalteromonas aurantia (Alteromonas aurantia)	1	
Pseudoalteromonas bacteriolytica	1	
Pseudoalteromonas carrageenovora (Alteromonas carrageenovora)	1	
Pseudoalteromonas citrea (Alteromonas citrea)	1	
Pseudoalteromonas denitrificans (Alteromonas denitrificans)	1	
Pseudoalteromonas espejiana (Alteromonas espejiana)	1	
Pseudoalteromonas haloplanktis (Alteromonas haloplanktis)	1	n
Pseudoalteromonas haloplanktis subsp. haloplanktis	1	n
Pseudoalteromonas haloplanktis subsp. tetraodonis (Alteromonas tetraodonis)	1	n
Pseudoalteromonas luteoviolacea (Alteromonas luteoviolacea)	1	
Pseudoalteromonas nigrifaciens (Alteromonas nigrifaciens)	1	
Pseudoalteromonas piscicida ("Pseudomonas" piscicida)	2	t
Pseudoalteromonas prydzensis		X
Pseudoalteromonas rubra (Alteromonas rubra)	1	
Pseudoalteromonas tunicata		X
Pseudoalteromonas undina (Alteromonas undina)	1	
PSEUDOAMYCOLATA → PSEUDONOCARDIA		
Pseudoamycolata halophobica → Pseudonocardia halophobica		
PSEUDOBYTYRIVIBRIO		
Pseudobutyrvibrio ruminis	1	
PSEUDOCAEDIBACTER		
Pseudocaedibacter conjugatus	1	
Pseudocaedibacter falsus	1	
Pseudocaedibacter minutus	1	
PSEUDOMONAS		
Pseudomonas abietaniphila	1	
Pseudomonas acidovorans → Comamonas acidovorans		
Pseudomonas aeruginosa	2	
Pseudomonas agarici	1	p
Pseudomonas alcaligenes	2	

<i>Pseudomonas aminovorans</i> → <i>Aminobacter aminovorans</i>		
<i>Pseudomonas amygdali</i>	1	p
<i>Pseudomonas andropogonis</i> → <i>Burkholderia andropogonis</i>		
<i>Pseudomonas anguilliseptica</i>	2	t
<i>Pseudomonas antimicrobica</i>	1	
<i>Pseudomonas asplenii</i>	1	p
<i>Pseudomonas aurantiaca</i>	1	
<i>Pseudomonas aureofaciens</i> - syn.: <i>Pseudomonas chlororaphis</i>		
<i>Pseudomonas avellanae</i> (<i>Pseudomonas syringae</i> pv. <i>avellanae</i>)	1	p
<i>Pseudomonas avenae</i> → <i>Acidovorax avenae</i> subsp. <i>avenae</i>		
<i>Pseudomonas azotoformans</i>	1	
<i>Pseudomonas balearica</i>	1	
<i>Pseudomonas beijerinckii</i>	1	
<i>Pseudomonas beteli</i>	1	
<i>Pseudomonas boreopolis</i>	1	
<i>Pseudomonas cannabina</i>		X
<i>Pseudomonas carboxydohydrogena</i>	1	
<i>Pseudomonas caricapapayae</i>	1	p?
<i>Pseudomonas caryophylli</i> → <i>Burkholderia caryophylli</i>		
<i>Pseudomonas cattleyae</i> → <i>Acidovorax avenae</i> subsp. <i>cattleyae</i>		
<i>Pseudomonas cepacia</i> → <i>Burkholderia cepacia</i>		
<i>Pseudomonas chlororaphis</i>	1	
<i>Pseudomonas cichorii</i>	1	p
<i>Pseudomonas cissicola</i> → <i>Xanthomonas cissicola</i>		
<i>Pseudomonas citronellolis</i>	1	
<i>Pseudomonas cocovenenans</i> → <i>Burkholderia cocovenenans</i>		
<i>Pseudomonas coronafaciens</i>	1	p
<i>Pseudomonas corrugata</i> → <i>Acidovorax delafieldii</i>		
<i>Pseudomonas delafieldii</i> → <i>Acidovorax delafieldii</i> “ <i>Pseudomonas denitrificans</i> ”		X
<i>Pseudomonas diminuta</i> → <i>Brevundimonas diminuta</i>		
<i>Pseudomonas doudoroffii</i>	1	
<i>Pseudomonas echinoides</i>	1	
<i>Pseudomonas elongata</i>	1	
<i>Pseudomonas facilis</i> → <i>Acidovorax facilis</i>		
<i>Pseudomonas ficuserectae</i>	1	p
<i>Pseudomonas flava</i> → <i>Hydrogenophaga flava</i>		
<i>Pseudomonas flavescens</i>	1	p
<i>Pseudomonas flectens</i>	1	
<i>Pseudomonas fluorescens</i>	1	+
<i>Pseudomonas fragi</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>		X
<i>Pseudomonas gladioli</i> → <i>Burkholderia gladioli</i>		
<i>Pseudomonas glathei</i>	1	
<i>Pseudomonas glumae</i> → <i>Burkholderia glumae</i>		
<i>Pseudomonas graminis</i>		X
<i>Pseudomonas halophila</i>	1	
<i>Pseudomonas hibiscicola</i>	1	p?
<i>Pseudomonas huttiensis</i>	1	
<i>Pseudomonas indigofera</i> → <i>Vogesella indigofera</i>		
<i>Pseudomonas iners</i>	1	
<i>Pseudomonas jessenii</i>		X
<i>Pseudomonas lanceolata</i>	1	
<i>Pseudomonas lemoignei</i>	1	
<i>Pseudomonas libanensis</i>		X
<i>Pseudomonas lundensis</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>		X
<i>Pseudomonas marginalis</i>	1	p
<i>Pseudomonas marina</i> → <i>Deleya marina</i>		
<i>Pseudomonas meliae</i>	1	p
<i>Pseudomonas mendocina</i>	2	
<i>Pseudomonas mephitica</i>	1	
<i>Pseudomonas mesophilica</i> → <i>Methylobacterium mesophilicum</i>		
<i>Pseudomonas migulae</i>		X
<i>Pseudomonas mixta</i> → <i>Telluria mixta</i>		
<i>Pseudomonas monteilii</i>	1	+
<i>Pseudomonas mucidolens</i>	1	
<i>Pseudomonas multiresinivorans</i>		X
<i>Pseudomonas nautica</i>	1	
<i>Pseudomonas nitroreducens</i>	1	
<i>Pseudomonas oleovorans</i>	1	
<i>Pseudomonas oryzihabitans</i>	2	
<i>Pseudomonas palleronii</i> → <i>Hydrogenophaga palleronii</i>		
<i>Pseudomonas paucimobilis</i> → <i>Sphingomonas paucimobilis</i>		
<i>Pseudomonas perfectomarina</i> - syn.: <i>Pseudomonas stutzeri</i>		
<i>Pseudomonas pertucinogena</i>	1	
<i>Pseudomonas phenazinium</i>	1	
<i>Pseudomonas pickettii</i> → <i>Burkholderia pickettii</i>		
<i>Pseudomonas pictorum</i>	1	

"Pseudomonas" piscicida → Pseudoalteromonas piscicida		
Pseudomonas plantarii → Burkholderia plantarii		
Pseudomonas pseudoalcaligenes	1	+p
Pseudomonas pseudoalcaligenes subsp. citrulli →		
Acidovorax avenae subsp. citrulli		
Pseudomonas pseudoalcaligenes subsp. konjaci →		
Acidovorax konjaci		
Pseudomonas pseudoflava → Hydrogenophaga pseudoflava		
Pseudomonas pseudomallei → Burkholderia pseudomallei		
Pseudomonas putida	1	+
Pseudomonas pyrrocinia	1	
Pseudomonas radiora → Methylobacterium radiotolerans		
Pseudomonas resinovorans	1	
Pseudomonas rhodesiae	1	
Pseudomonas rhodos → Methylobacterium rhodinum		
"Pseudomonas riboflavina" → Devosia riboflavina		
Pseudomonas rubrilineans - syn.:		
Acidovorax avenae subsp. avenae		
Pseudomonas rubrisubalbicans →		
Herbaspirillum rubrisubalbicans		
Pseudomonas saccharophila	1	
Pseudomonas savastanoi		
(Pseudomonas syringae subsp. savastanoi)	1	p
Pseudomonas solanacearum → Burkholderia		
solanacearum		
Pseudomonas spinosa	1	
Pseudomonas stanieri	1	
Pseudomonas straminae	1	
Pseudomonas stutzeri	1	+
Pseudomonas synxantha	1	
Pseudomonas syringae	1	p
Pseudomonas syringae pv. avellanae →		
Pseudomonas avellanae		
Pseudomonas syringae pv. persicae	2	Q p
Pseudomonas syringae pv. pisiae	2	Q p
Pseudomonas syringae subsp. savastanoi →		
Pseudomonas savastanoi		
Pseudomonas syzygii	1	p
Pseudomonas taeniospiralis → Hydrogenophaga		
taeniospiralis		
Pseudomonas taetrolens	1	
Pseudomonas testosteroni → Comamonas testosteroni		
Pseudomonas tolaasii	1	p
Pseudomonas tremae		X
Pseudomonas vancouverensis		X
Pseudomonas veronii	1	

Pseudomonas vesicularis → Brevundimonas vesicularis		
Pseudomonas viridiflava	1	p
Pseudomonas woodsii	1	p
PSEUDONOCARDIA		
Pseudonocardia alni (Amycolata alni)	1	
Pseudonocardia asaccharolytica		X
Pseudonocardia autotrophica (Amycolata autotrophica)	1	+
Pseudonocardia azurea → Amycolatopsis azurea		
Pseudonocardia compacta	1	
Pseudonocardia halophobica (Pseudoamycolata halophobica)	1	
Pseudonocardia hydrocarbonoxydans (Amycolata hydrocarbonoxydans)	1	
Pseudonocardia nitrificans	1	
Pseudonocardia petroleophila (Nocardia petroleophila)	1	
Pseudonocardia saturnea (Amycolata saturnea)	1	
Pseudonocardia spinosa	1	
Pseudonocardia sulfidoxydans		X
Pseudonocardia thermophila	1	
PSEUDORAMIBACTER		
Pseudoramibacter alactolyticus (Eubacterium alactolyticum)	2	
PSYCHROBACTER		
Psychrobacter frigidicola	1	
Psychrobacter glacincola	1	
Psychrobacter immobilis	1	+
Psychrobacter phenylpyruvicus (Moraxella phenylpyruvica)	2	
Psychrobacter urativorans	1	
PSYCHROFLEXUS		
Psychroflexus gondwanensis		X
Psychroflexus torquis		X
PSYCHROMONAS		
Psychromonas antarctica		X
PSYCHROSERPENS		
Psychroserpens burtonensis	1	
PYROBACULUM		
Pyrobaculum aerophilum	1	
Pyrobaculum islandicum	1	

<i>Pyrobaculum organotrophum</i>	1	
PYROCOCCUS		
<i>Pyrococcus furiosus</i>	1	
<i>Pyrococcus glycovorans</i>		X
<i>Pyrococcus horikoshii</i>		X
<i>Pyrococcus woesei</i>	1	
PYRODICTIUM		
<i>Pyrodictium abyssi</i>	1	
<i>Pyrodictium brockii</i>	1	
<i>Pyrodictium occultum</i>	1	
PYROLOBUS		
<i>Pyrolobus fumarii</i>		X
QUINELLA		
<i>Quinella ovalis</i>	1	
RAHNELLA		
<i>Rahnella aquatilis</i>	1	+
RALSTONIA		
<i>Ralstonia basilensis</i>		X
<i>Ralstonia eutropha</i> (<i>Alcaligenes eutrophus</i>)	1	
<i>Ralstonia gilardii</i>		X
<i>Ralstonia paucula</i>		X
<i>Ralstonia pickettii</i> (<i>Burkholderia pickettii</i>)	1	+
<i>Ralstonia solanacearum</i> (<i>Burkholderia solanacearum</i>)	2	Q p
RAROBACTER		
<i>Rarobacter faecitabidus</i>	1	
<i>Rarobacter incanus</i>	1	
RATHAYIBACTER		
<i>Rathayibacter iranicus</i> (<i>Clavibacter iranicus</i>)	1	p
<i>Rathayibacter rathayi</i> (<i>Clavibacter rathayi</i>)	1	p
<i>Rathayibacter toxicus</i>		X
<i>Rathayibacter tritici</i> (<i>Clavibacter tritici</i>)	1	p
RENIBACTERIUM		
<i>Renibacterium salmoninarum</i>	2	t

RHABDOCHROMATIUM

Rhabdochromatium marinum	1	
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RHIZOBACTER

Rhizobacter dauci	1	
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RHIZOBIUM

Rhizobium amorphae → Mesorhizobium amorphae		
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Rhizobium ciceri → Mesorhizobium ciceri		
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Rhizobium etli (Rhizobium leguminosarum biovar phaseoli Typ 1)	1	
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Rhizobium fredii → Sinorhizobium fredii		
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Rhizobium galegae	1	
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Rhizobium gallicum	1	
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Rhizobium giardinii	1	
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Rhizobium hainanense	1	
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Rhizobium huautlense		X
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Rhizobium huakuii → Mesorhizobium huakuii		
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Rhizobium japonicum → Bradyrhizobium japonicum		
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Rhizobium leguminosarum	1	
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Rhizobium leguminosarum biovar phaseoli Typ 1 → Rhizobium etli		
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Rhizobium loti → Mesorhizobium loti		
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Rhizobium lupini	1	
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Rhizobium mediterraneum → Mesorhizobium mediterraneum		
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Rhizobium meliloti → Sinorhizobium meliloti		
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Rhizobium mongolense		X
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Rhizobium phaseoli	1	
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Rhizobium plurifarum → Mesorhizobium plurifarum		
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Rhizobium tianshanense → Mesorhizobium tianshanense		
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Rhizobium trifolii	1	
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Rhizobium tropici	1	
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RHIZOMONAS

Rhizomonas suberifaciens	1	p
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RHODANOBACTER

Rhodanobacter lindaniclasticus		X
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RHODOBACTER

Rhodobacter adriaticus (Rhodopseudomonas adriatica) → Rhodovulum adriaticum		
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Rhodobacter azotoformans	1	
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Rhodobacter blasticus (Rhodopseudomonas blastica)	1	
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Rhodobacter capsulatus (Rhodopseudomonas capsulata)	1	
Rhodobacter euryhalinus → Rhodovulum euryhalinum		
Rhodobacter sphaeroides (Rhodopseudomonas sphaeroides)	1	
Rhodobacter sulfidophilus (Rhodopseudomonas sulfidophila) → Rhodovulum sulfidophilum		
Rhodobacter veldkampii	1	
RHODOBIUM		
Rhodobium marinum (Rhodopseudomonas marina)	1	
Rhodobium orientis	1	
RHODOCISTA		
Rhodocista centenaria (Rhodospirillum centenum)	1	
RHODOCOCCUS		
Rhodococcus aichiensis → Gordonia aichiensis		
Rhodococcus aurantiacus - syn.: Tsukamurella paurometabola		
Rhodococcus bronchialis → Gordonia bronchialis		
Rhodococcus chlorophenicus → Mycobacterium chlorophenicum		
Rhodococcus chubuensis - syn.: Gordonia sputi	2	
Rhodococcus coprophilus	1	
Rhodococcus corallinus - syn.: Gordonia rubropertinctus		
Rhodococcus equi (Corynebacterium equi)	2	
Rhodococcus erythropolis	1	+
Rhodococcus fascians (Corynebacterium fascians)	1	p
Rhodococcus globerulus (Nocardia globerula)	1	
Rhodococcus luteus - syn.: Rhodococcus fascians		
Rhodococcus marinonascens	1	
Rhodococcus maris → Dietzia maris		
Rhodococcus obuensis - syn.: Gordonia sputi		
Rhodococcus opacus	1	
Rhodococcus percolatus	1	
Rhodococcus rhodnii	1	
Rhodococcus rhodochrous	1	+
Rhodococcus roseus → Rhodococcus rhodochrous		
Rhodococcus ruber	1	
Rhodococcus rubripertinctus → Gordonia rubripertinctus		
Rhodococcus sputi → Gordonia sputi		
Rhodococcus terrae → Gordonia terrae		
Rhodococcus zopfii	1	
RHODOCYCLUS		
Rhodocyclus gelatinosus (Rhodopseudomonas gelatinosa) → Rubrivivax gelatinosus		

Rhodocyclus purpureus	1
Rhodocyclus tenuis (Rhodospirillum tenue)	1
RHODOFERAX	
Rhodoferax fermentans	1
RHODOMICROBIUM	
Rhodomicrobium vanniellii	1
RHODOPILA	
Rhodopila globiformis (Rhodopseudomonas globiformis)	1
RHODOPLANES	
Rhodoplanes elegans	1
Rhodoplanes roseus (Rhodopseudomonas rosea)	1
RHODOPSEUDOMONAS	
Rhodopseudomonas acidophila	1
Rhodopseudomonas adriatica → Rhodobacter adriaticus	
Rhodopseudomonas blastica → Rhodobacter blasticus	
Rhodopseudomonas capsulata → Rhodobacter capsulatus	
Rhodopseudomonas gelatinosa → Rhodocyclus gelatinosus	
Rhodopseudomonas globiformis → Rhodopila globiformis	
Rhodopseudomonas julia	1
Rhodopseudomonas marina → Rhodobium marinum	
Rhodopseudomonas palustris	1
Rhodopseudomonas rosea → Rhodoplanes roseus	
Rhodopseudomonas rutila - syn.:	
Rhodopseudomonas palustris	
Rhodopseudomonas sphaeroides → Rhodobacter sphaeroides	
Rhodopseudomonas sulfidophila → Rhodobacter sulfidophilus	
Rhodopseudomonas sulfoviridis → Blastochloris sulfoviridis	
Rhodopseudomonas viridis → Blastochloris viridis	
RHODOSPIRA	
Rhodospira trueperi	1
RHODOSPIRILLUM	
Rhodospirillum centenum	1
Rhodospirillum fulvum	1
Rhodospirillum molischianum	1
Rhodospirillum photometricum	1
Rhodospirillum rubrum	1

Rhodospirillum salexigens	1	
Rhodospirillum salinarum	1	
Rhodospirillum sodomense	1	
Rhodospirillum tenue → Rhodocyclus tenuis		
RHODOTHALASSIUM		
Rhodothalassium salexigens		X
RHODOTHERMUS		
Rhodothermus marinus	1	
Rhodothermus obamensis	1	
RHODOVIBRIO		
Rhodovibrio salinarum		X
Rhodovibrio sodomensis		X
RHODOVULUM		
Rhodovulum adriaticum (Rhodobacter adriaticus)	1	
Rhodovulum euryhalinum (Rhodobacter euryhalinus)	1	
Rhodovulum iodosum		X
Rhodovulum robiginosum		X
Rhodovulum strictum	1	
Rhodovulum sulfidophilum (Rhodobacter sulfidophilus)	1	
RICKETTSIA		
Rickettsia aeschlimannii	3	
Rickettsia africae	3	
Rickettsia akari	3**	
Rickettsia australis	3	
Rickettsia bellii	3	
Rickettsia canadensis	3**	
Rickettsia conorii	3	
Rickettsia helvetica	3	t
Rickettsia honei	3	
Rickettsia japonica	3	
Rickettsia massiliae	3	
Rickettsia montanensis	3**	t?
Rickettsia parkeri	2	t
Rickettsia peacockii	1	
Rickettsia prowazekii	3	
Rickettsia rhipicephali	2	t?
Rickettsia rickettsii	3	
Rickettsia sennetsu → Ehrlichia sennetsu		
Rickettsia sibirica	3	
Rickettsia slovaca		X
Rickettsia tsutsugamushi → Orientia tsutsugamushi		

Rickettsia typhi	3	
RICKETTSIELLA		
Rickettsiella chironomi	1	n
Rickettsiella grylli	1	n
Rickettsiella popilliae	1	n
Rickettsiella stethorae	1	n
RIEMERELLA		
Riemerella anatipestifer (Moraxella anatipestifer)	2	t
Riemerella columbina	2	
RIKENELLA		
Rikenella microfusum (Bacteroides microfusum)	1	
ROCHALIMAEA → BARTONELLA		
Rochalimaea elizabethae → Bartonella elizabethae		
Rochalimaea henselae → Bartonella henselae		
Rochalimaea quintana → Bartonella quintana		
Rochalimaea vinsonii → Bartonella vinsonii		
ROSEATELES		
Roseateles depolymerans		X
ROSEBURIA		
Roseburia cecicola	1	
ROSEIVIVAX		
Roseivivax halodurans		X
Roseivivax halotolerans		X
ROSEOBACTER		
Roseobacter algicola	1	
Roseobacter denitrificans	1	
Roseobacter gallaeciensis		X
Roseobacter litoralis	1	
ROSEOCOCCUS		
Roseococcus thiosulfatophilus	1	
ROSEOMONAS		
Roseomonas cervicalis		X
Roseomonas fauriae		X
Roseomonas gilardii		X
ROSEOSPIRA		

Roseospira mediosalina		X
ROSEOVARIUS		
Roseovarius tolerans		X
ROTHIA		
Rothia dentocariosa	1	+
RUBRIMONAS		
Rubrimonas cliftonensis		X
RUBRIVIVAX		
Rubrivivax gelatinosus (Rhodocyclus gelatinosus)	1	
RUBROBACTER		
Rubrobacter radiotolerans (Arthrobacter radiotolerans)	1	
Rubrobacter xylanophilus	1	
RUEGERIA		
Ruegeria algicola		X
Ruegeria atlantica		X
Ruegeria gelatinovorans		X
RUGAMONAS		
Rugamonas rubra	1	
RUMINO BACTER		
Ruminobacter amylophilus (Bacteroides amylophilus)	1	
RUMINOCOCCUS		
Ruminococcus albus	1	
Ruminococcus bromii	1	
Ruminococcus callidus	1	
Ruminococcus flavefaciens	1	
Ruminococcus gnavus	1	
Ruminococcus hansenii (Streptococcus hansenii)	1	
Ruminococcus hydrogenotrophicus	1	
Ruminococcus lactaris	1	
Ruminococcus obeum	1	
Ruminococcus palustris	1	
Ruminococcus pasteurii → Lactosphaera pasteurii		
Ruminococcus productus (Peptostreptococcus productus)	1	
Ruminococcus schinkii	1	
Ruminococcus torques	1	
RUNELLA		

<i>Runella slithyformis</i>	1	
SACCHAROBACTER		
<i>Saccharobacter fermentatus</i>	1	
SACCHAROCOCCUS		
<i>Saccharococcus thermophilus</i>	1	
SACCHAROMONOSPORA		
<i>Saccharomonospora azurea</i>	1	
<i>Saccharomonospora cyanea</i>	1	
<i>Saccharomonospora glauca</i>	1	
<i>Saccharomonospora viridis</i>	1	+
<i>Saccharomonospora xinjiangensis</i>		X
SACCHAROPOLYSPORA		
<i>Saccharopolyspora erythraea</i> (<i>Streptomyces erythraeus</i>)	1	
<i>Saccharopolyspora gregorii</i>	1	
<i>Saccharopolyspora hirsuta</i>		X
<i>Saccharopolyspora hirsuta</i> subsp. <i>hirsuta</i>	1	
<i>Saccharopolyspora hirsuta</i> subsp. <i>kobensis</i>	1	
<i>Saccharopolyspora hirsuta</i> subsp. <i>taberi</i> → <i>Saccharopolyspora taberi</i>		
<i>Saccharopolyspora hordei</i>	1	
<i>Saccharopolyspora rectivirgula</i> (<i>Faenia rectivirgula</i> ; <i>Micropolyspora faeni</i>)	1	+
<i>Saccharopolyspora spinisporotrichia</i>		X
<i>Saccharopolyspora spinosa</i>	1	
<i>Saccharopolyspora taberi</i> (<i>Saccharopolyspora hirsuta</i> subsp. <i>taberi</i>)	1	
SACCHAROTHRIX		
<i>Saccharothrix aerocolonigenes</i>	1	+
<i>Saccharothrix australiensis</i>	1	
<i>Saccharothrix coeruleofusca</i> (<i>Nocardiopsis coeruleofusca</i>)	1	
<i>Saccharothrix coeruleoviolacea</i> (<i>Actinomadura coeruleoviolacea</i>)	1	
<i>Saccharothrix cryophilis</i>	1	
<i>Saccharothrix espanaensis</i>	1	
<i>Saccharothrix flava</i> (<i>Nocardiopsis flava</i>)	1	
<i>Saccharothrix longispora</i> (<i>Nocardiopsis longispora</i>)	1	
<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	

Saccharothrix mutabilis subsp. mutabilis (Saccharothrix mutabilis)	1
Saccharothrix syringae (Nocardiopsis syringae)	1
Saccharothrix texasensis	1
Saccharothrix waywayandensis	1

SAGITTULA

Sagittula stellata	1
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SALIBACILLUS

Salibacillus salexigens		X
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SALINICOCCUS

Salinicoccus hispanicus (Marinococcus hispanicus)	1
Salinicoccus roseus	1

SALINIVIBRIO

Salinivibrio costicola (Vibrio costicola)	1
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SALMONELLA^a

Salmonella arizonae → Salmonella choleraesuis subsp. arizonae	
Salmonella bongori → Salmonella choleraesuis ("enterica") subsp. bongori	
Salmonella choleraesuis ("enterica") subsp. arizonae (Salmonella arizonae)	2
Salmonella choleraesuis ("enterica") subsp. bongori	2
Salmonella choleraesuis ("enterica") subsp. choleraesuis = Salmonella "enterica subsp. enterica" (Subsp. I) all serovars of subsp. I, e.g. Salmonella Paratyphi A,B,C, Salmonella Enteritidis in Group 2; exception: Salmonella Typhi. Salmonella "enterica subsp. enterica" Serovar Typhimurium → Salmonella Typhimurium	2
Salmonella choleraesuis ("enterica") subsp. diarizonae	2
Salmonella choleraesuis ("enterica") subsp. houtenae	2
Salmonella choleraesuis ("enterica") subsp. indica	2
Salmonella choleraesuis ("enterica") subsp. salamae	2
Salmonella Typhi	3**
Salmonella Typhimurium	2

Exceptions: Derivates of strain LT2 with stable mutations in the genes *aroA*, *galE* oder *cya* und *crp* (e.g. strains for Ames Test TA 98, TA 100, TA 1535, TA1530, TA 2631)

Nomenclature according to "Kauffmann-White scheme":
L.Le Minor and M.Y.Popoff, 1988. Antigen-Formulas of

Salmonella-Serovars, 5th revision. Institut Pasteur, Paris.

SANDARACINOBACTER		
Sandaracinobacter sibiricus	1	
SANGUIBACTER		
Sanguibacter inulinus	2	t?
Sanguibacter keddiei	2	t?
Sanguibacter suarezii	2	t?
SAPROSPIRA		
Saprospira grandis	1	
SARCINA		
Sarcina maxima	1	
Sarcina ventriculi	1	
SARCOBIUM → LEGIONELLA		
Sarcobium lyticum → Legionella lytica		
SCHWARTZIA		
Schwartzia succinivorans	1	
SEBALDELLA		
Sebaldella termitidis (Bacteroides termitidis)	1	
SELENOMONAS		
Selenomonas acidaminovorans	1	
Selenomonas artemidis	2	
Selenomonas diana	2	
Selenomonas flueggei	2	
Selenomonas infelix	2	
Selenomonas lactificex	1	
Selenomonas lipolytica		X
Selenomonas noxia	2	
Selenomonas ruminantium		X
Selenomonas ruminantium subsp. lactilytica	1	
Selenomonas ruminantium subsp. ruminantium	1	
Selenomonas sputigena	1	+
SELIBERIA		
Seliberia stellata	1	
SERPENS		
Serpens flexibilis	1	

SERPULA → SERPULINA

Serpula hyodysenteriae (Treponema hyodysenteriae) →
 Serpulina hyodysenteriae
 Serpula innocens (Treponema innocens) → Serpulina
 innocens

SERPULINA

Serpulina alvinipulli		X
Serpulina hyodysenteriae (Treponema hyodysenteriae, Serpula hyodysenteriae)	2	t
Serpulina innocens (Treponema innocens, Serpula innocens)	1	
Serpulina intermedia	2	t
Serpulina murdochii	1	
Serpulina pilosicoli	2	

SERRATIA

Serratia entomophila	1	n
Serratia ficaria	1	
Serratia fonticola	1	
Serratia grimesii	2	
Serratia liquefaciens - syn.: Serratia proteamaculans		
Serratia marcescens	2	
Serratia marinorubra - syn.: Serratia rubidaea		
Serratia odorifera	1	+
Serratia plymuthica	1	+
Serratia proteamaculans		X
Serratia proteamaculans subsp. proteamaculans	2	n
Serratia proteamaculans subsp. quinovora	1	
Serratia rubidaea	2	n

SHEWANELLA

Shewanella algae	2	
Shewanella amazonensis		X
Shewanella baltica		X
Shewanella benthica	1	
Shewanella colwelliana (Alteromonas colwelliana)	1	
Shewanella frigidimarina	1	
Shewanella gelidimarina	1	
Shewanella hanedai (Alteromonas hanedai)	1	
Shewanella oneidensis		X
Shewanella pealeana		X
Shewanella putrefaciens (Alteromonas putrefaciens)	1	+
Shewanella violacea		X
Shewanella woodyi	1	

SHIGELLA		
Shigella boydii	2	
Shigella dysenteriae (ausgenommen Serovar 1)	2	
Shigella dysenteriae (Serovar 1)		3**
Shigella flexneri	2	
Shigella sonnei	2	
SILICIBACTER		
Silicibacter lacuscaerulensis		X
SIMKANIA		
Simkania negevensis		X
SIMONSIELLA		
Simonsiella crassa	1	
Simonsiella muelleri	1	
Simonsiella steedae	1	
SINORHIZOBIUM		
Sinorhizobium arboris		X
Sinorhizobium fredii (Rhizobium fredii)	1	
Sinorhizobium kostiense		X
Sinrhizobium medicae	1	
Sinorhizobium meliloti (Rhizobium meliloti)	1	
Sinorhizobium saheli	1	
Sinorhizobium terangae	1	
Sinorhizobium xinjiangense - syn.: Rhizobium fredii		
SKERMANELLA		
Skermanella parooensis		X
SKERMANIA		
Skermania piniformis (Nocardia pinensis)	1	
SLACKIA		
Slackia exigua		X
Slackia heliotrinireducens		X
SMITHELLA		
Smithella propionica		X
SODALIS		
Sodalis glossinidius		X
SPHAEROBACTER		
Sphaerobacter thermophilus	1	

SPHAEROTILUS

Sphaerotilus natans	1	
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SPHINGOBACTERIUM

Sphingobacterium antarcticum	1	
Sphingobacterium faecium	1?	
Sphingobacterium heparinum (Cytophaga heparina)	1	
Sphingobacterium mizutaii → Flavobacterium mizutaii		
Sphingobacterium multivorum (Flavobacterium multivorum)	2	
Sphingobacterium piscium	1?	
Sphingobacterium spiritivorum (Flavobacterium spiritivorum)	2	
Sphingobacterium thalpophilum (Flavobacterium thalpophilum)	2	

SPHINGOMONAS

Sphingomonas adhaesiva	1	
Sphingomonas aromaticivorans	1	
Sphingomonas asaccharolytica	1	
Sphingomonas capsulata (Flavobacterium capsulatum)	1	
Sphingomonas chlorophenolica	1	
Sphingomonas echinoides		X
Sphingomonas herbicidovorans	1	
Sphingomonas macrogoltabidus	1?	
Sphingomonas mali	1	
Sphingomonas natatoria		X
Sphingomonas parapaucimobilis	2	
Sphingomonas paucimobilis (Pseudomonas paucimobilis)	2	
Sphingomonas pruni	1	
Sphingomonas rosa	1	
Sphingomonas sanguinis	1	+
Sphingomonas stygia	1	
Sphingomonas subarctica	1	
Sphingomonas suberifaciens		X
Sphingomonas subterranea	1	
Sphingomonas terrae	1	
Sphingomonas trueperi	1	
Sphingomonas ursincola		X
Sphingomonas xenophaga		X
Sphingomonas yanoikuyae	1	+

SPIRILLIPLANES

Spirilliplanes yamanashiensis	1	
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SPIRILLOSPORA		
Spirillospora albida	1	
Spirillospora rubra	1	
SPIRILLUM		
Spirillum volutans	1	
SPIROCHAETA		
Spirochaeta africana	1	
Spirochaeta alkalica	1	
Spirochaeta asiatica	1	
Spirochaeta aurantia		X
Spirochaeta aurantia subsp. aurantia	1	
Spirochaeta aurantia subsp. stricta	1	
Spirochaeta caldaria	1	
Spirochaeta halophila	1	
Spirochaeta isovalerica	1	
Spirochaeta litoralis	1	
Spirochaeta plicatilis	1	
Spirochaeta smaragdinae		X
Spirochaeta stenostrepta	1	
Spirochaeta thermophila	1	
Spirochaeta zuelzeriae	1	
SPIROPLASMA		
Spiroplasma alleghenense	1	n?
Spiroplasma apis	1	n
Spiroplasma cantharicola	1	n?
Spiroplasma chinense	1	
Spiroplasma chrysopicola	1	n?
Spiroplasma citri	1	p
Spiroplasma clarkii	1	n?
Spiroplasma corruscae	1	n?
Spiroplasma culicicola	1	
Spiroplasma diabroticae	1	n?
Spiroplasma diminutum	1	n?
Spiroplasma floricola	1	
Spiroplasma gladiatoris	1	n?
Spiroplasma helicoides	1	n?
Spiroplasma insolitum	1	n?
Spiroplasma ixodetis	1	n?
Spiroplasma kunkelii	1	p
Spiroplasma lampyridicola	1	n?
Spiroplasma leptinotarsae	1	
Spiroplasma lineolae	1	n?
Spiroplasma litorale	1	

<i>Spiroplasma melliferum</i>	1	n
<i>Spiroplasma mirum</i>	2	t
<i>Spiroplasma monobiae</i>	1	n?
<i>Spiroplasma montanense</i>	1	n?
<i>Spiroplasma phoeniceum</i>	1	p?
<i>Spiroplasma platyhelix</i>	1	n?
<i>Spiroplasma poulsonii</i>		X
<i>Spiroplasma sabaudiense</i>	1	
<i>Spiroplasma syrphidicola</i>	1	n?
<i>Spiroplasma tabanidicola</i>	1	n?
<i>Spiroplasma taiwanense</i>	1	
<i>Spiroplasma turonicum</i>		X
<i>Spiroplasma velocicrescens</i>	1	n?
SPIROSOMA		
<i>Spirosoma linguale</i>	1	
SPORICHTHYA		
<i>Sporichthya brevicatena</i>	2?	
<i>Sporichthya polymorpha</i>	1	
SPOROBACTER		
<i>Sporobacter termitidis</i>	1	
SPOROBACTERIUM		
<i>Sporobacterium olearium</i>	1	
SPOROCYTOPHAGA		
<i>Sporocytophaga myxococcoides</i>	1	
SPOROHALOBACTER		
<i>Sporohalobacter lortetii</i> (<i>Clostridium lortetii</i>)	1	
<i>Sporohalobacter marismortui</i> → <i>Orenia marismortui</i>		
SPOROLACTOBACILLUS		
<i>Sporolactobacillus inulinus</i>	1	
<i>Sporolactobacillus kofuensis</i>	1	
<i>Sporolactobacillus lactosus</i>	1	
<i>Sporolactobacillus nakayamae</i>		X
<i>Sporolactobacillus nakayamae</i> subsp. <i>nakayamae</i>	1	
<i>Sporolactobacillus nakayamae</i> subsp. <i>racemicus</i>	1	
<i>Sporolactobacillus terrae</i>	1	
SPROMUSA		
<i>Spromusa acidovorans</i>	1	
<i>Spromusa malonica</i>	1	

Sporomusa ovata	1	
Sporomusa paucivorans	1	
Sporomusa silvacetica	1	
Sporomusa sphaeroides	1	
Sporomusa termitida	1	
SPOROSARCINA		
Sporosarcina halophila → Halobacillus halophilus		
Sporosarcina ureae	1	
SPOROTOMACULUM		
Sporotomaculum hydroxybenzoicum		X
STALEYA		
Staleyia guttiformis		X
STAPHYLOCOCCUS		
Staphylococcus arlettae	1	
Staphylococcus aureus		X
Staphylococcus aureus subsp. anaerobius	2	
Staphylococcus aureus subsp. aureus	2	
Staphylococcus auricularis	1	
Staphylococcus capitis		X
Staphylococcus capitis subsp. capitis	1	+
Staphylococcus capitis subsp. ureolyticus	1	+
Staphylococcus caprae	2	
Staphylococcus carnosus	1	
Staphylococcus caseolyticus	1	
Staphylococcus chromogenes		
(Staphylococcus hyicus subsp. chromogenes)	1	
Staphylococcus cohnii		X
Staphylococcus cohnii subsp. cohnii	1	+
Staphylococcus cohnii subsp. urealyticus	1	+
Staphylococcus condimenti		X
Staphylococcus delphini	1	
Staphylococcus epidermidis	2	
Staphylococcus equorum	1	
Staphylococcus felis	2	t
Staphylococcus gallinarum	1	
Staphylococcus haemolyticus	2	
Staphylococcus hominis	1	+
Staphylococcus hyicus	2	t
Staphylococcus hyicus subsp. chromogenes →		
Staphylococcus chromogenes		
Staphylococcus intermedius	2	t
Staphylococcus kloosii	1	

Staphylococcus lentus (Staphylococcus sciuri subsp. lentus)	1	
Staphylococcus lugdunensis	2	
Staphylococcus lutrae	2	t
Staphylococcus muscae	1	
Staphylococcus pasteurii	2	
Staphylococcus piscifermentans	1	
Staphylococcus pulvereri	1	+
Staphylococcus saccharolyticus (Peptococcus saccharolyticus)	2	
Staphylococcus saprophyticus	2	
Staphylococcus saprophyticus subsp. bovis	2	t?
Staphylococcus saprophyticus subsp. saprophyticus	2	
Staphylococcus schleiferi		X
Staphylococcus schleiferi subsp. coagulans	2	t
Staphylococcus schleiferi subsp. schleiferi	2	
Staphylococcus sciuri		X
Staphylococcus sciuri subsp. carnaticus	1	
Staphylococcus sciuri subsp. lentus → Staphylococcus lentus		
Staphylococcus sciuri subsp. rodentium	1	
Staphylococcus sciuri subsp. sciuri	1	
Staphylococcus simulans	1	+
Staphylococcus succinus		X
Staphylococcus vitulinus	1	
Staphylococcus warneri	1	+
Staphylococcus xylosus	1	+
STAPHYLOTHERMUS		
Staphylothermus marinus	1	
STAPPIA		
Stappia aggregata		X
Stappia stellulata		X
STELLA		
Stella humosa	1	
Stella vacuolata	1	
STENOTROPHOMONAS		
Stenotrophomonas africana	2	
Stenotrophomonas maltophilia (Xanthomonas maltophilia)	2	
Stenotrophomonas nitritireducens		X
STETTERIA		
Stetteria hydrogenophila		X

STIBIOBACTER		
Stibiobacter senarmonii	1	
STIGMATELLA		
Stigmatella aurantiaca	1	
Stigmatella erecta	1	
STOMATOCOCCUS		
Stomatococcus mucilaginosus	1	+
STREPTOALLOTEICHUS		
Streptoalloteichus hindustanus	1	
STREPTOBACILLUS		
Streptobacillus moniliformis	2	
STREPTOCOCCUS		
Streptococcus acidominimus	2	
Streptococcus adjacens → Abiotrophia adiacens		
Streptococcus agalactiae	2	
Streptococcus alactolyticus	1	
Streptococcus anginosus	2	
Streptococcus bovis	2	
Streptococcus canis	2	
Streptococcus caprinus - syn.: Streptococcus gallolyticus		
Streptococcus casseliflavus → Enterococcus casseliflavus		
Streptococcus cecorum → Enterococcus cecorum		
Streptococcus constellatus	2	
Streptococcus cremoris → Lactococcus lactis subsp. cremoris		
Streptococcus criceti	1	
Streptococcus cristatus	1	+
Streptococcus defectivus → Abiotrophia defectiva		
Streptococcus difficilis	2	t
Streptococcus downei	1	
Streptococcus durans → Enterococcus durans		
Streptococcus dysgalactiae	2	t
Streptococcus dysgalactiae subsp. dysgalactiae	2	t
Streptococcus dysgalactiae subsp. equisimilis	2	
Streptococcus equi subsp. equi	2	
Streptococcus equi subsp. zooepidemicus	2	
Streptococcus equinus	2	
Streptococcus faecalis → Enterococcus faecalis		
Streptococcus faecium → Enterococcus faecium		
Streptococcus ferus	1	
Streptococcus gallinarum → Enterococcus gallinarum		

Streptococcus gallolyticus	2	
Streptococcus garvieae → Lactococcus garvieae		
Streptococcus gordonii	1	+
Streptococcus hansenii → Ruminococcus hansenii		
Streptococcus hyointestinalis	1	
Streptococcus hyovaginalis	1	t?
Streptococcus infantis		X
Streptococcus iniae	2	
Streptococcus intermedius	2	
Streptococcus intestinalis	1	
Streptococcus lactis → Lactococcus lactis subsp. lactis		
Streptococcus lactis subsp. cremoris →		
Lactococcus lactis subsp. cremoris		
Streptococcus lactis subsp. diacetylactis - syn.:		
Lactococcus lactis subsp. lactis		
Streptococcus macacae	1	
Streptococcus macedonicus		X
Streptococcus mitis	2	
Streptococcus morbillorum → Gemella morbillorum		
Streptococcus mutans	2	
Streptococcus oralis	2	
Streptococcus orisratti		X
Streptococcus parasanguinis	2	
Streptococcus parauberis	1	+
Streptococcus parvulus → Atopobium parvulum		
Streptococcus peroris		X
Streptococcus phocae	2	t
Streptococcus plantarum → Lactococcus plantarum		
Streptococcus pleomorphus	1	
Streptococcus pluranimalium		X
Streptococcus pneumoniae	2	
Streptococcus porcinus	2	
Streptococcus pyogenes	2	
Streptococcus raffinolactis → Lactococcus raffinolactis		
Streptococcus ratti	1	
Streptococcus saccharolyticus → Enterococcus saccharolyticus		
Streptococcus salivarius (Streptococcus salivarius subsp. salivarius)	2	
Streptococcus salivarius subsp. salivarius →		
Streptococcus salivarius		
Streptococcus salivarius subsp. thermophilus →		
Streptococcus thermophilus		
Streptococcus sanguinis	2	
Streptococcus shiloi - syn.: Streptococcus iniae		
Streptococcus sobrinus	2	

Streptococcus suis	2	
Streptococcus thermophilus		
(Streptococcus salivarius subsp. thermophilus)	1	
Streptococcus thoralensis	1	t?
Streptococcus uberis	1	+
Streptococcus vestibularis	1	
Streptococcus waius		X
STREPTOMYCES		
Streptomyces abikoensis (Streptovercillium abikoense)	1	
Streptomyces aburaviensis	1	
Streptomyces achromogenes		X
Streptomyces achromogenes subsp. achromogenes	1	
Streptomyces achromogenes subsp. rubradiris	1	
Streptomyces acidiscabies	1	p
Streptomyces acrimycini	1	
Streptomyces aculeolatus	1	
Streptomyces afghaniensis	1	
Streptomyces alanosinicus	1	
Streptomyces albaduncus	1	
Streptomyces albiaxialis	1	
Streptomyces albidochromogenes	1	
Streptomyces albidoflavus	1	
Streptomyces albireticuli (Streptovercillium albireticuli)	1	
Streptomyces albofaciens	1	
Streptomyces alboflavus	1	
Streptomyces albogriseolus	1	
Streptomyces albolongus	1	
Streptomyces alboniger	1	
Streptomyces albospinus	1	
Streptomyces albosporeus		X
Streptomyces albosporeus subsp. albosporeus	1	
Streptomyces albosporeus subsp. labilomyceticus	1	
Streptomyces alboverticillatus		
(Streptovercillium alboverticillatum)	1	
Streptomyces albovinaceus	1	
Streptomyces alboviridis	1	
Streptomyces albulus	1	
Streptomyces albus		X
Streptomyces albus subsp. albus	1	
Streptomyces albus subsp. pathocidicus	1	
Streptomyces almquistii	1	
Streptomyces althioticus	1	
Streptomyces amakusaensis	1	
Streptomyces ambofaciens	1	
Streptomyces aminophilus	1	

<i>Streptomyces anandii</i>	1	
<i>Streptomyces anthocyanicus</i>	1	
<i>Streptomyces antibioticus</i>	1	
<i>Streptomyces antimycoticus</i>	1	
<i>Streptomyces anulatus</i>	1	
<i>Streptomyces arabicus</i>	1	
<i>Streptomyces arduus</i> (<i>Streptoverticillium arduum</i>)	1	
<i>Streptomyces arenae</i>	1	
<i>Streptomyces argenteolus</i>		X
<i>Streptomyces armeniacus</i> (<i>Actinoplanes armeniacus</i>)	1	
<i>Streptomyces asterosporus</i>	1	
<i>Streptomyces atratus</i>	1	
<i>Streptomyces atroaurantiacus</i>	1	
<i>Streptomyces atroolivaceus</i>	1	
<i>Streptomyces atrovirens</i>	1	
<i>Streptomyces aurantiacus</i>	1	
<i>Streptomyces aurantiogriseus</i>	1	
<i>Streptomyces aureocirculatus</i>	1	
<i>Streptomyces aureofaciens</i>	1	
<i>Streptomyces aureorectus</i>	1	
<i>Streptomyces aureoversilis</i> (<i>Streptoverticillium aureoversile</i>)	1	
<i>Streptomyces aureovericillatus</i>	1	
<i>Streptomyces avellaneus</i>	1	
<i>Streptomyces avidinii</i>	1	
<i>Streptomyces azaticus</i> → <i>Kitasatospora azatica</i>		
<i>Streptomyces azureus</i>	1	
<i>Streptomyces baarnensis</i>	1	
<i>Streptomyces bacillaris</i>	1	
<i>Streptomyces badius</i>	1	
<i>Streptomyces baldaccii</i> (<i>Streptoverticillium baldaccii</i>)	1	
<i>Streptomyces bambergensis</i>	1	
<i>Streptomyces bellus</i>	1	
<i>Streptomyces bikiniensis</i>	1	
<i>Streptomyces biverticillatus</i> (<i>Streptoverticillium biverticillatum</i>) - syn.: <i>Streptomyces baldaccii</i>		
<i>Streptomyces blastmyceticus</i> (<i>Streptoverticillium blastmyceticum</i>)	1	
<i>Streptomyces bluensis</i>	1	
<i>Streptomyces bobili</i>	1	
<i>Streptomyces bottropensis</i>	1	
<i>Streptomyces brasiliensis</i> (<i>Elytrosporangium brasiliense</i>)	1	
<i>Streptomyces bungoensis</i>	1	
<i>Streptomyces cacaoi</i>		X
<i>Streptomyces caaoi</i> subsp. <i>asoensis</i>	1	
<i>Streptomyces cacaoi</i> subsp. <i>cacaoi</i>	1	

Streptomyces caelestis	1	
Streptomyces caeruleus	1	
Streptomyces californicus	1	
Streptomyces calvus	1	
Streptomyces canarius	1	
Streptomyces candidus	1	
Streptomyces canescens	1	
Streptomyces caniferus	1	
Streptomyces canus	1	
Streptomyces capillispiralis	1	
Streptomyces capoamus	1	
Streptomyces carpaticus	1	
Streptomyces carpinensis (Elytrosporangium carpinens)	1	
Streptomyces catenulae	1	
Streptomyces caviscabies	1	p
Streptomyces cavourensis		X
Streptomyces cavourensis subsp. cavourensis	1	
Streptomyces cavourensis subsp. washingtonensis	1	
Streptomyces cellostaticus	1	
Streptomyces celluloflavus	1	
Streptomyces cellulolyticus	1	
Streptomyces cellulosa	1	
Streptomyces champavatii	1	
Streptomyces chartreusis	1	
Streptomyces chattanoogensis	1	
Streptomyces chibaensis	1	
Streptomyces chrestomyceticus	1	
Streptomyces chromofuscus	1	
Streptomyces chryseus	1	
Streptomyces chrysomallus		X
Streptomyces chrysomallus subsp. chrysomallus	1	
Streptomyces chrysomallus subsp. fumigatus	1	
Streptomyces cinnamoneus		X
Streptomyces cinnamoneus subsp. albosporus (Streptoverticillium cinnamoneum subsp. albosporum)	1	
Streptomyces cinnamoneus subsp. cinnamoneus (Streptoverticillium cinnamoneum subsp. cinnamoneum)	1	
Streptomyces cinnamoneus subsp. lanosus (Streptoverticillium cinnamoneum subsp. lanosum)	1	
Streptomyces cinnamoneus subsp. sparsus (Streptoverticillium cinnamoneum subsp. sparsum)	1	
Streptomyces cinereorectus	1	

<i>Streptomyces cinereoruber</i>		X
<i>Streptomyces cinereoruber</i> subsp. <i>cinereoruber</i>	1	
<i>Streptomyces cinereoruber</i> subsp. <i>fructofermentans</i>	1	
<i>Streptomyces cinereospinus</i>	1	
<i>Streptomyces cinereus</i> (<i>Microellobosporia cinerea</i>)	1	
<i>Streptomyces cinerochromogenes</i>	1	
<i>Streptomyces cinnabarinus</i>	1	
<i>Streptomyces cinnamoneus</i>	1	
<i>Streptomyces cirratus</i>	1	
<i>Streptomyces ciscaucasicus</i>	1	
<i>Streptomyces citreofluorescens</i>	1	
<i>Streptomyces clavifer</i>	1	
<i>Streptomyces clavuligerus</i>	1	
<i>Streptomyces cochleatus</i> → <i>Kitasatospora cochleata</i>		
<i>Streptomyces coelescens</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 coerulescens</i>	1	
<i>Streptomyces collinus</i>	1	
<i>Streptomyces colombiensis</i>	1	
<i>Streptomyces corchorusii</i>	1	
<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>	1	
<i>Streptomyces cystargineus</i> = <i>Kitasatospora cystarginea</i>	1	
<i>Streptomyces daghestanicus</i>	1	
<i>Streptomyces diastaticus</i>		X
<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> - syn.: <i>Streptomyces netropsis</i>		
<i>Streptomyces djakartensis</i>	1	
<i>Streptomyces durhamensis</i>	1	
<i>Streptomyces echinatus</i>	1	
<i>Streptomyces echinoruber</i>	1	
<i>Streptomyces ederensis</i>	1	
<i>Streptomyces ehimensis</i> (<i>Streptoverticillium ehimensis</i>)	1	

<i>Streptomyces endus</i>	1	
<i>Streptomyces enissocaesilis</i>	1	
<i>Streptomyces erumpens</i>	1	
<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>		X
<i>Streptomyces eurythermus</i>	1	
<i>Streptomyces exfoliatus</i>	1	
<i>Streptomyces felleus</i>	1	
<i>Streptomyces fervens</i> - syn.: <i>Streptomyces baldaccii</i>		
<i>Streptomyces filamentosus</i>	1	
<i>Streptomyces filipinensis</i>	1	
<i>Streptomyces fimbriatus</i>	1	
<i>Streptomyces fimicarius</i>	1	
<i>Streptomyces finlayi</i>	1	
<i>Streptomyces flaveolus</i>	1	
<i>Streptomyces flaveus</i> (<i>Microellobosporia flavea</i>)	1	
<i>Streptomyces flavidofuscus</i>	1	
<i>Streptomyces flavidovirens</i>	1	
<i>Streptomyces flaviscleroticus</i> (<i>Chainia flava</i>)	1	
<i>Streptomyces flavofungini</i>	1	
<i>Streptomyces flavofuscus</i>		
(<i>Streptomyces globisporus</i> subsp. <i>flavofuscus</i>)	1	
<i>Streptomyces flavogriseus</i>	1	
<i>Streptomyces flavopersicus</i> - syn.: <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>	1	
<i>Streptomyces floridae</i>	1	
<i>Streptomyces fluorescens</i>	1	
<i>Streptomyces fradiae</i>	1	
<i>Streptomyces fragilis</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	
<i>Streptomyces galbus</i>	1	
<i>Streptomyces galilaeus</i>	1	
<i>Streptomyces gancidicus</i>	1	
<i>Streptomyces gardneri</i>	1	
<i>Streptomyces gelaticus</i>	1	
<i>Streptomyces geysiriensis</i>	1	
<i>Streptomyces ghanaensis</i>	1	

Streptomyces gibsonii	1	
Streptomyces glaucescens	1	
Streptomyces glaucosporus	1	
Streptomyces glaucus	1	
Streptomyces globisporus		X
Streptomyces globisporus subsp. caucasicus	1	
Streptomyces globisporus subsp. flavofuscus →		
Streptomyces flavofuscus		
Streptomyces globisporus subsp. globisporus	1	
Streptomyces globosus	1	
Streptomyces glomeratus	1	
Streptomyces glomeroaurantiacus	1	
Streptomyces gobitricini	1	
Streptomyces goshikiensis	1	
Streptomyces gougerotii	1	
Streptomyces gramineus	1	
Streptomyces graminofaciens	1	
Streptomyces griseinus	1	
Streptomyces griseoaurantiacus	1	
Streptomyces griseobrunneus	1	
Streptomyces griseocarneus		
(Streptovercillium griseocarneum)	1	
Streptomyces griseochromogenes	1	
Streptomyces griseoflavus	1	
Streptomyces griseofuscus	1	
Streptomyces griseoincarnatus	1	
Streptomyces griseoloalbus	1	
Streptomyces griseolosporeus = Kitasatospora griseola	1	
Streptomyces griseolus	1	
Streptomyces griseoluteus	1	
Streptomyces griseomycini	1	
Streptomyces griseoplanus	1	
Streptomyces griseorubens	1	
Streptomyces griseoruber	1	
Streptomyces griseorubiginosus	1	
Streptomyces griseosporeus	1	
Streptomyces griseostramineus	1	
Streptomyces griseovercillatus		
(Streptovercilliumgriseovercillatum)	1	
Streptomyces griseoviridis	1	
Streptomyces griseus		X
Streptomyces griseus subsp. alpha	1	
Streptomyces griseus subsp. cretosus	1	
Streptomyces griseus subsp. griseus	1	
Streptomyces griseus subsp. solvifaciens	1	
Streptomyces hachijoensis (Streptovercillium		

hachijoense)	1	
Streptomyces halstedii	1	
Streptomyces hawaiiensis	1	
Streptomyces heliomycini	1	
Streptomyces helveticus	1	
Streptomyces herbaricolor	1	
Streptomyces hirosheimensis (Streptoverticillium hirosheimense)	1	
Streptomyces hirsutus	1	
Streptomyces humidus	1	
Streptomyces humiferus	1	
Streptomyces hydrogenans	1	
Streptomyces hygrosopicus		X
Streptomyces hygrosopicus subsp. angustmyceticus	1	
Streptomyces hygrosopicus subsp. decoyicus	1	
Streptomyces hygrosopicus subsp. glebosus	1	
Streptomyces hygrosopicus subsp. hygrosopicus	1	
Streptomyces hygrosopicus subsp. ossamyceticus	1	
Streptomyces iakyrus	1	
Streptomyces indiaensis (Streptosporangium indianense)	1	
Streptomyces indigoferus	1	
Streptomyces intermedius	1	
Streptomyces inusitatus	1	
Streptomyces ipomoeae	1	
Streptomyces janthinus	1	
Streptomyces kanamyceticus	1	
Streptomyces kashimirensis (Streptoverticillium kashimirensis)	1	
Streptomyces katrae	1	
Streptomyces kentuckensis - syn.: Streptomyces netropsis		
Streptomyces kifunensis	1	
Streptomyces kishiwadensis (Streptoverticillium kishiwadense)	1	
Streptomyces kunmingensis (Chainia kunmingensis)	1	
Streptomyces kurssanovii	1	
Streptomyces labedae	1	
Streptomyces ladakanum - syn.: Streptomyces mobarraensis		
Streptomyces lanatus	1	
Streptomyces lateritius	1	
Streptomyces laurentii	1	
Streptomyces lavendofoliae	1	
Streptomyces lavendulae		X
Streptomyces lavendulae subsp. grasserius	1	
Streptomyces lavendulae subsp. lavendulae	1	
Streptomyces lavenduligriseus (Streptoverticillium lavenduligriseum)	1	

Streptomyces lavendulocolor	1	
Streptomyces levis	1	
Streptomyces libani		X
Streptomyces libani subsp. libani	1	
Streptomyces libani subsp. rufus	1	
Streptomyces lienomycini	1	
Streptomyces lilacinus (Streptoverticillium lilacinum)	1	
Streptomyces limosus	1	
Streptomyces lincolnensis	1	
Streptomyces lipmanii	1	
Streptomyces litmocidini	1	
Streptomyces lomondensis	1	
Streptomyces longisporoflavus	1	
Streptomyces longispororuber	1	
Streptomyces longisporus	1	
Streptomyces longwoodensis	1	
Streptomyces lucensis	1	
Streptomyces luridus	1	
Streptomyces lusitanus	1	
Streptomyces luteogriseus	1	
Streptomyces luteosporus (Streptoverticillium album)	1	
Streptomyces luteoverticillatus (Streptoverticillium luteoverticillatum)	1	
Streptomyces lydicus	1	
Streptomyces macrosporus	1	
Streptomyces malachitofuscus	1	
Streptomyces malachitospinus	1	
Streptomyces malaysiensis		X
Streptomyces mashuensis (Streptoverticillium mashuense)	1	
Streptomyces massaporeus	1	
Streptomyces matensis	1	
Streptomyces mauvecolor	1	
Streptomyces mediocidicus =Kitasatospora mediocidica	1	
Streptomyces mediolani	1	
Streptomyces megasporus	1	
Streptomyces melanogenes	1	
Streptomyces melanosporofaciens	1	
Streptomyces michiganensis	1	
Streptomyces microflavus	1	
Streptomyces minutiscleroticus (Chainia minutisclerotica)	1	
Streptomyces mirabilis	1	
Streptomyces misakiensis	1	
Streptomyces misionensis	1	
Streptomyces mobaraensis (Streptoverticillium mobaraense)	1	
Streptomyces monomycini	1	

Streptomyces morookaensis (Streptovercillium morookaense)	1
Streptomyces murinus	1
Streptomyces mutabilis	1
Streptomyces mutomycini	1
Streptomyces naganishii	1
Streptomyces narbonensis	1
Streptomyces nashvillensis	1
Streptomyces netropsis (Streptovercillium netropsis)	1
Streptomyces neyagawaensis	1
Streptomyces niger (Chainia nigra)	1
Streptomyces nigrescens	1
Streptomyces nigrifaciens	1
Streptomyces nitrosporeus	1
Streptomyces niveoruber	1
Streptomyces niveus	1
Streptomyces noboritoensis	1
Streptomyces nodosus	1
Streptomyces nogalater	1
Streptomyces nojiriensis	1
Streptomyces nursei	1
Streptomyces novaecaesareae	1
Streptomyces ochraceiscleroticus (Chainia ochracea)	1
Streptomyces odorifer	1
Streptomyces olivaceiscleroticus (Chainia olivacea)	1
Streptomyces olivaceoviridis	1
Streptomyces olivaceus	1
Streptomyces olivochromogenes	1
Streptomyces olivomycini (Streptovercillium olivomycini)	1
Streptomyces olivoreticuli (Streptovercillium olivoreticulum)	1
Streptomyces olivovercillatus (Streptovercillium olivovercillatum)	1
Streptomyces olivoviridis	1
Streptomyces omiyaensis	1
Streptomyces orinoci (Streptovercillium orinoci)	1
Streptomyces pactum	1
Streptomyces paracochleatus → Kitasatospora paracochleata	
Streptomyces paradoxus	1
Streptomyces parvisporogenes (Streptovercillium parvisporogenes)	1
Streptomyces parvulus	1
Streptomyces parvus	1
Streptomyces peucetius	1
Streptomyces phaeochromogenes	1

<i>Streptomyces phaeofaciens</i>	1	
<i>Streptomyces phaeopurpureus</i>	1	
<i>Streptomyces phaeoviridis</i>	1	
<i>Streptomyces phosalacineus</i> = <i>Kitasatospora phosalacinea</i>	1	
<i>Streptomyces pilosus</i>	1	
<i>Streptomyces platensis</i>	1	
<i>Streptomyces plicatus</i>	1	
<i>Streptomyces pluricoloescens</i>	1	
<i>Streptomyces polychromogenes</i>	1	
<i>Streptomyces poonensis</i> (<i>Chainia poonensis</i>)	1	
<i>Streptomyces praecox</i>	1	
<i>Streptomyces prasinopilosus</i>	1	
<i>Streptomyces prasinosporus</i>	1	
<i>Streptomyces prasinus</i>	1	
<i>Streptomyces prunicolor</i>	1	
<i>Streptomyces psammoticus</i>	1	
<i>Streptomyces pseudoechinosporeus</i>	1	
<i>Streptomyces pseudogriseolus</i>	1	
<i>Streptomyces pseudovenezuelae</i>	1	
<i>Streptomyces pulveraceus</i>	1	
<i>Streptomyces puniceus</i>	1	
<i>Streptomyces purpeofuscus</i>	1	
<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 racemochromogenes</i>	1	
<i>Streptomyces rameus</i>	1	
<i>Streptomyces ramulosus</i>	1	
<i>Streptomyces rangoonensis</i>	1	
<i>Streptomyces recifensis</i>	1	
<i>Streptomyces reactivicillatus</i> (<i>Streptoverticillium reactivicillatum</i>)	1	
<i>Streptomyces reactiviolaceus</i>	1	
<i>Streptomyces regensis</i>	1	
<i>Streptomyces resistomycificus</i>	1	
<i>Streptomyces reticuliscabiei</i>		X
<i>Streptomyces rimosus</i>		X
<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 roseiscleroticus</i> (<i>Chainia rosea</i>)	1	
<i>Streptomyces roseodiastaticus</i>	1	
<i>Streptomyces roseoflavus</i>	1	
<i>Streptomyces roseofulvus</i>	1	

Streptomyces roseolilacinus	1	
Streptomyces roseolus	1	
Streptomyces roseosporus	1	
Streptomyces roseoverticillatus		
(Streptoverticillium roseoverticillatum) - syn.:		
Streptomyces baldaccii		
Streptomyces roseoviolaceus	1	
Streptomyces roseoviridis	1	
Streptomyces ruber (Chainia rubra)	1	
Streptomyces rubiginosohelvolus	1	
Streptomyces rubiginosus	1	
Streptomyces rubrogriseus	1	
Streptomyces rutgersensis		X
Streptomyces rutgersensis subsp. castelarensis	1	
Streptomyces rutgersensis subsp. rutgersensis	1	
Streptomyces salmonis (Streptoverticillium salmonis)	1	
Streptomyces sampsonii	1	
Streptomyces sannanensis	1	
Streptomyces sapporonensis (Streptoverticillium sapporonense)	1	
Streptomyces scabiei	1	p
Streptomyces sclerotialus	1	
Streptomyces seoulensis	1	
Streptomyces septatus (Streptoverticillium septatum)	1	
Streptomyces setae =Kitasatospora setae	1	
Streptomyces setonii	1	
Streptomyces showdoensis	1	
Streptomyces sindenensis	1	
Streptomyces sioyaensis	1	
Streptomyces somaliensis	2	
Streptomyces sparsogenes	1	
Streptomyces spectabilis	1	
Streptomyces speleomycini	1	
Streptomyces spheroides	1	
Streptomyces spinoverrucosus	1	
Streptomyces spiralis (Elytrosporangium spirale)	1	
Streptomyces spiroverticillatus	1	
Streptomyces spitsbergensis - syn: Streptomyces baldaccii		
Streptomyces sporocinereus	1	
Streptomyces sporoclivatus	1	
Streptomyces spororaveus	1	
Streptomyces sporoverrucosus	1	
Streptomyces stelliscabiei	1	
Streptomyces stramineus	1	
Streptomyces subrutilus	1	
Streptomyces sulfonofaciens	1	

<i>Streptomyces sulphureus</i>	1	
<i>Streptomyces syringium</i> (<i>Streptoverticillium syringium</i>)	1	
<i>Streptomyces tanashiensis</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>		X
<i>Streptomyces thermocarboxydus</i>		X
<i>Streptomyces thermodiastaticus</i>	1	
<i>Streptomyces thermogriseus</i>		X
<i>Streptomyces thermolineatus</i>	1	
<i>Streptomyces thermonitrificans</i>	1	
<i>Streptomyces thermoviolaceus</i>		X
<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 thioluteus</i> (<i>Streptoverticillium thioluteum</i>)	1	
<i>Streptomyces torulosus</i>	1	
<i>Streptomyces toxytricini</i>	1	
<i>Streptomyces tricolor</i>	1	
<i>Streptomyces tubercidicus</i>	1	
<i>Streptomyces tuiirus</i>	1	
<i>Streptomyces turgidiscabies</i>	1	
<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 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 violarius</i>	1	
<i>Streptomyces violascens</i>	1	
<i>Streptomyces violatus</i>	1	
<i>Streptomyces violens</i> (<i>Chainia violens</i>)	1	
<i>Streptomyces virens</i>	1	

<i>Streptomyces virginiae</i>	1
<i>Streptomyces viridiflavus</i> (<i>Streptoverticillium viridiflavum</i>)	1
<i>Streptomyces viridiviolaceus</i>	1
<i>Streptomyces viridobrunneus</i>	1
<i>Streptomyces viridochromogenes</i>	1
<i>Streptomyces viridodiataticus</i>	1
<i>Streptomyces viridosporus</i>	1
<i>Streptomyces vitaminophilus</i> (<i>Actinosporangium vitaminophilum</i>)	1
<i>Streptomyces wedmorensis</i>	1
<i>Streptomyces werraensis</i>	1
<i>Streptomyces willmorei</i>	1
<i>Streptomyces xanthochromogenes</i>	1
<i>Streptomyces xanthocidicus</i>	1
<i>Streptomyces xantholiticus</i>	1
<i>Streptomyces xanthophaeus</i>	1
<i>Streptomyces yerevanensis</i>	1
<i>Streptomyces yokosukanensis</i>	1
<i>Streptomyces zaomycticus</i>	1

STREPTOSPORANGIUM

<i>Streptosporangium albidum</i> → <i>Kutzneria albida</i>	
<i>Streptosporangium album</i>	1
<i>Streptosporangium amethystogenes</i>	1
<i>Streptosporangium carneum</i>	1
<i>Streptosporangium claviforme</i>	
<i>Streptosporangium corrugatum</i>	1
<i>Streptosporangium fragile</i>	1
<i>Streptosporangium indianense</i> → <i>Streptomyces indiaensis</i>	
<i>Streptosporangium longisporum</i>	1
<i>Streptosporangium nondiastaticum</i>	1
<i>Streptosporangium pseudovulgare</i>	1
<i>Streptosporangium roseum</i> – syn: <i>Streptomyces indiaensis</i>	
<i>Streptosporangium violaceochromogenes</i> - syn.: <i>Streptomyces indianensis</i>	
<i>Streptosporangium viridialbum</i>	1
<i>Streptosporangium viridogriseum</i> → <i>Kutzneria</i> <i>viridogrisea</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

STREPTOVERTICILLIUM → STREPTOMYCES

<i>Streptoverticillium abikoense</i> → <i>Streptomyces abikoensis</i>	
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Streptovercillium albireticuli → *Streptomyces albireticuli*
Streptovercillium alboverticillatum → *Streptomyces alboverticillatus*
Streptovercillium album → *Streptomyces luteosporus*
Streptovercillium arduum → *Streptomyces arduus*
Streptovercillium aureoversile → *Streptomyces aureoversilis*
Streptovercillium baldaccii → *Streptomyces baldaccii*
Streptovercillium biverticillatum → *Streptomyces biverticillatus*
Streptovercillium blastmyceticum → *Streptomyces blastmyceticus*
Streptovercillium cinnamoneum
Streptovercillium cinnamoneum subsp. *albosporum* → *Streptomyces cinnamoneus* subsp. *albosporus*
Streptovercillium cinnamoneum subsp. *cinnamoneum* → *Streptomyces cinnamoneus* subsp. *cinnamoneus*
Streptovercillium cinnamoneum subsp. *lanosum* → *Streptomyces cinnamoneus* subsp. *lanosus*
Streptovercillium cinnamoneum subsp. *sparsum* → *Streptomyces cinnamoneus* subsp. *sparsus*
Streptovercillium distallicum → *Streptomyces distallicus*
Streptovercillium ehimense → *Streptomyces ehimensis*
Streptovercillium eurocidicum → *Streptomyces eurocidicus*
Streptovercillium fervens
Streptovercillium fervens subsp. *fervens* → *Streptomyces fervens*
Streptovercillium fervens subsp. *melrosporus* → *Streptomyces fervens*
Streptovercillium flavopersicum → *Streptomyces flavopersicus*
Streptovercillium griseocarneum → *Streptomyces griseocarneus*
Streptovercillium griseovercillatum → *Streptomyces griseovercillatus*
Streptovercillium hachijoense → *Streptomyces hachijoensis*
Streptovercillium hirosimense → *Streptomyces hirosimensis*
Streptovercillium kashimirensis → *Streptomyces kashimirensis*
Streptovercillium kentuckense → *Streptomyces kentuckensis*
Streptovercillium kishiwadense → *Streptomyces kishiwadensis*
Streptovercillium ladakanum → *Streptomyces ladakanum*
Streptovercillium lavenduligriseum →

Streptomyces lavenduligriseus
Streptovercillium lilacinum → *Streptomyces lilacinus*
Streptovercillium luteovercillatum →
Streptomyces luteovercillatus
Streptovercillium mashuense → *Streptomyces mashuensis*
Streptovercillium mobaraense → *Streptomyces mobaraensis*
Streptovercillium morookaense →
Streptomyces morookaensis
Streptovercillium netropsis → *Streptomyces netropsis*
Streptovercillium olivomycini → *Streptomyces olivomycini*
Streptovercillium olivoreticulum
Streptovercillium olivoreticulum subsp.
cellulophilum → *Streptomyces olivoreticuli*
Streptovercillium olivoreticulum subsp.
olivoreticulum → *Streptomyces olivoreticuli*
Streptovercillium olivovercillatum →
Streptomyces olivovercillatus
Streptovercillium orinoci → *Streptomyces orinoci*
Streptovercillium parvisporogenes →
Streptomyces parvisporogenes
Streptovercillium rediverticillatum →
Streptomyces rediverticillatus
Streptovercillium roseovercillatum →
Streptomyces roseovercillatus
Streptovercillium salmonis → *Streptomyces salmonis*
Streptovercillium sapporonense →
Streptomyces sapporonensis
Streptovercillium septatum → *Streptomyces septatus*
Streptovercillium syringium → *Streptomyces syringium*
Streptovercillium thioluteum → *Streptomyces thioluteus*
Streptovercillium viridiflavum → *Streptomyces*
viridiflavus

STYGIOLOBUS

Stygiolobus azoricus 1

SUCCINICLASTICUM

Succiniclasticum ruminis 1

SUCCINIMONAS

Succinimonas amylolytica 1

SUCCINISPIRA

Succinispira mobilis X

SUCCINIVIBRIO

Succinivibrio dextrinosolvens	1	+
SULFITOBACTER		
Sulfitobacter brevis		X
Sulfitobacter mediterraneus		X
Sulfitobacter pontiacus	1	
SULFOBACILLUS		
Sulfobacillus acidophilus	1	
Sulfobacillus disulfidooxidans	1	
Sulfobacillus thermosulfidooxidans	1	
SULFOLOBUS		
Sulfolobus acidocaldarius	1	
Sulfolobus brierleyi → Acidianus brierleyi		
Sulfolobus hakonensis	1	
Sulfolobus metallicus	1	
Sulfolobus shibatae	1	
Sulfolobus solfataricus	1	
Sulfolobus yangmingensis		X
SULFOPHOBOCOCCUS		
Sulfophobococcus zilligii	1	
SULFURISPHAERA		
Sulfurisphaera ohwakuensis		X
SULFUROCOCCUS		
Sulfurococcus mirabilis	1	
Sulfurococcus yellowstonensis	1	
SULFUROSPIRILLUM		
Sulfurospirillum arcachonense	1	
Sulfurospirillum arsenophilum	1	
Sulfurospirillum barnesii	1	
Sulfurospirillum deleyianum	1	
SUTTERELLA		
Sutterella wadsworthensis	2	
SUTTONELLA		
Suttonella indologenes (Kingella indologenes)	2	
SYMBIOTES		
Symbiotes lectularius	1	

SYNERGISTES		
Synergistes jonesii	1	
SYNTROPHOBACTER		
Syntrophobacter fumaroxidans		X
Synthrophobacter pfennigii		X
Synthrophobacter wolinii	1	
SYNTROPHOBOTULUS		
Syntrophobotulus glycolicus	1	
SYNTROPHOCOCCUS		
Syntrophococcus sucromutans	1	
SYNTROPHOMONAS		
Syntrophomonas sapovorans	1	
Synthrophomonas wolfei		X
Syntrophomonas wolfei subsp. saponavida	1	
Syntrophomonas wolfei subsp. wolfei	1	
SYNTROPHOSPORA		
Syntrophospora bryantii (<i>Clostridium bryantii</i>)	1	
SYNTROPHUS		
Syntrophus buswellii	1	
Syntrophus gentianae	1	
TATLOCKIA		
Tatlockia maceachernii (<i>Legionella maceachernii</i>)	2	
Tatlockia micdadei (<i>Legionella micdadei</i>)	2	
TATUMELLA		
Tatumella ptyseos	2	
TAYLORELLA		
Taylorella equigenitalis (<i>Haemophilus equigenitalis</i>)	2	t
TECTIBACTER		
Tectibacter vulgaris	1	
TELLURIA		
Telluria chitinolytica	1	
Telluria mixta (<i>Pseudomonas mixta</i>)	1	

TERRABACTER

Terrabacter tumescens (*Arthrobacter tumescens*;
Pimelobacter tumescens) 1

TERRACOCCLUS

Terracoccus luteus 1

TESSARACOCCLUS

Tessaracoccus bendigoensis X

TETRAGENOCOCCLUS

Tetragenococcus halophilus (*Pediococcus halophilus*) 1

Tetragenococcus muriaticus 1

THAUERA

Thauera aromatica 1

Thauera linalcolentis X

Thauera mechernichensis X

Thauera selenatis 1

Thauera terpenica X

THERMAEROBACTER

Thermaerobacter marianensis X

THERMANAEROVIBRIO

Thermanaerovibrio acidaminovorans X

THERMOACTINOMYCES

Thermoactinomyces candidus 1 +

Thermoactinomyces dichotomicus 1 +

Thermoactinomyces intermedius 1

Thermoactinomyces peptonophilus 1

Thermoactinomyces putidus 1

Thermoactinomyces sacchari 1 +

Thermoactinomyces thalpopophilus 1 +

Thermoactinomyces vulgaris 1 +

THERMOANAEROBACTER

Thermoanaerobacter acetoethylicus
 (*Thermobacteroides acetoethylicus*) 1

Thermoanaerobacter brockii (*Thermoanaerobium brockii*) 1

Thermoanaerobacter brockii subsp. brockii 1

Thermoanaerobacter brockii subsp. finnii
 (*Thermoanaerobacter finnii*) 1

Thermoanaerobacter brockii subsp. lactiethylicus 1

Thermoanaerobacter ethanolicus 1

Thermoanaerobacter finnii →		
Thermoanaerobacter brockii subsp. finnii		
Thermanaerobacter italicus		X
Thermoanaerobacter kivui (Acetogenium kivui)	1	
Thermoanaerobacter mathranii		X
Thermoanaerobacter siderophilus		X
Thermoanaerobacter sulfurophilus		X
Thermoanaerobacter thermocopriae		X
(Clostridium thermocopriae)	1	
Thermoanaerobacter thermohydrosulfuricus	1	
(Clostridium thermohydrosulfuricum)		
Thermoanaerobacter wiegeli	1	
THERMOANAEROBACTERIUM		
Thermoanaerobacterium aotearoense	1	
Thermoanaerobacterium saccharolyticum	1	
Thermoanaerobacterium thermosaccharolyticum		
(Clostridium thermosaccharolyticum)	1	
Thermoanaerobacterium thermosulfurigenes	1	
(Clostridium thermosulfurogenes)		
Thermoanaerobacterium xylanolyticum	1	
THERMOANAEROBIUM		
Thermoanaerobium acetigenum	1	
Thermoanaerobium brockii → Thermoanaerobacter brockii		
THERMOBACILLUS		
Thermobacillus xylanilyticus		X
THERMOBACTEROIDES		
Thermobacteroides acetoethylicus →		
Thermoanaerobacter acetoethylicus		
Thermobacteroides leptospartum	1	
Thermobacteroides proteolyticus →		
Coprothermobacter proteolyticus		
THERMOBIFIDA		
Thermobifida alba		X
Thermobifida fusca		X
THERMOBISPORA		
Thermobispora bispora (Microbispora bispora)	1	
THERMOBRACHIUM		
Thermobrachium celere	1	

THERMOCHROMATIUM		
Thermochromatium tepidum		X
THERMOCLADIUM		
Thermocladium modestius		X
THERMOCOCCUS		
Thermococcus aggregans		X
Thermococcus alcaliphilus	1	
Thermococcus barophilus		X
Thermococcus celer	1	
Thermococcus chitonophagus	1	
Thermococcus fumicolans	1	
Thermococcus gorgonarius		X
Thermococcus guaymasensis		X
Thermococcus hydrothermalis	1	
Thermococcus pacificus		X
Thermococcus peptonophilus	1	
Thermococcus profundus	1	
Thermococcus stetteri	1	
Thermococcus zilligii		X
THERMOCRINIS		
Thermocrinis ruber		X
THERMOCRISPUM		
Thermocrispum agreste	1	
Thermocrispum municipale	1	
THERMODESULFOBACTERIUM		
Thermodesulfobacterium commune	1	
Thermodesulfobacterium mobile (Desulfovibrio thermophilus)	1	
THERMODESULFORHABDUS		
Thermodesulforhabdus norvegicus	1	
THERMODESULFOVIBRIO		
Thermodesulfovibrio yellowstonii	1	
THERMOFILUM		
Thermofilum pendens	1	
THERMOHYDROGENIUM		
Thermohydrogenium kirishiense	1	

THERMOLEOPHILUM	
Thermoleophilum album	1
Thermoleophilum minutum	1
THERMOMICROBIUM	
Thermomicrobium fosteri	1
Thermomicrobium roseum	1
THERMOMONOSPORA	
Thermomonospora alba	1
Thermomonospora chromogena	1
Thermomonospora curvata	1
Thermomonospora formosensis	1
Thermomonospora fusca	1
Thermomonospora mesophila	1
Thermomonospora mesouiformis	1
THERMONEMA	
Thermonema lapsum	1
Thermonema rossianum	1
THERMOPLASMA	
Thermoplasma acidophilum	1
Thermoplasma volcanium	1
THERMOPROTEUS	
Thermoproteus neutrophilus	1
Thermoproteus tenax	1
THERMOSIPHO	
Thermosipho africanus	1
Thermosipho melanesiensis	1
THERMOSPHAERA	
Thermosphaera aggregans	1
THERMOSYNTROPHA	
Thermosyntropha lipolytica	1
THERMOTERRABACTERIUM	
Thermoterrabacterium ferrireducens	1
THERMOTHRIX	
Thermothrix azorensis	1
Thermothrix thiopara	1

THERMOTOGA

Thermotoga elfii	1
Thermotoga hypogea	1
Thermotoga maritima	1
Thermotoga neapolitana	1
Thermotoga thermarum	1

THERMUS

Thermus antranikianii		X
Thermus aquaticus	1	
Thermus brockianus	1	
Thermus chliarophilus → Meiothermus chliarophilus		
Thermus filiformis	1	
Thermus igniterrae	1	
Thermus oshimai	1	
Thermus ruber → Meiothermus ruber		
Thermus scotoductus	1	
Thermus silvanus → Meiothermus silvanus		
Thermus thermophilus	1	

THIOBACILLUS

Thiobacillus acidophilus	1	
Thiobacillus albertis	1	
Thiobacillus aquaesulis	1	
Thiobacillus caldus	1	
Thiobacillus concretivorus	1	
Thiobacillus delicatus	1	
Thiobacillus denitrificans	1	
Thiobacillus ferrooxidans	1	
Thiobacillus halophilus	1	
Thiobacillus hydrothermalis	1	
Thiobacillus intermedius → Thiomonas intermedia		
Thiobacillus neapolitanus	1	
Thiobacillus novellus	1	
Thiobacillus perometabolis → Thiomonas perometabolis		
Thiobacillus rapidicrescens → Paracoccus versutus		
Thiobacillus tepidarius	1	
Thiobacillus thermosulfatus → Thiomonas thermosulfata		
Thiobacillus thiooxidans	1	
Thiobacillus thioparus	1	
Thiobacillus thyasiris → Thiomicrospira thyasirae		
Thiobacillus versutus → Paracoccus versutus		

THIOBACTERIUM

Thiobacterium bovistum	1
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THIOCAPSA		
Thiocapsa halophila	1	
Thiocapsa pendens		X
Thiocapsa pfennigii	1	
Thiocapsa rosea		X
Thiocapsa roseopersicina	1	
THIOCOCCUS		
Thiococcus pfennigii		X
THIOCYSTIS		
Thiocystis gelatinosa	1	
Thiocystis minor		X
Thiocystis violacea	1	
Thiocystis violascens		X
THIODICTYON		
Thiodictyon bacillosum	1	
Thiodictyon elegans	1	
THIOHALOCAPSA		
Thiohalocapsa halophila		X
THIOLAMPROVUM		
Thiolamproyum pedioforme		X
THIOMARGARITA		
Thiomargarita namibiensis		X
THIOMICROSPIRA		
Thiomicrospira chilensis		X
Thiomicrospira crunogena	1	
Thiomicrospira denitrificans	1	
Thiomicrospira frisia		X
Thiomicrospira kuenenii		X
Thiomicrospira pelophila	1	
Thiomicrospira thyasirae (Thiobacillus thyasiris)	1	
THIOMONAS		
Thiomonas cuprina	1	
Thiomonas intermedia (Thiobacillus intermedius)	1	
Thiomonas perometabolis (Thiobacillus perometabolis)	1	
Thiomonas thermosulfata (Thiobacillus thermosulfatus)	1	
THIOPEDIA		

Thiopedia rosea	1	
THIOPLOCA		
Thioploca araucae	1	
Thioploca chileae	1	
Thioploca ingrca	1	
Thioploca schmidlei	1	
THIORHODOCOCCUS		
Thiorhodococcus minor		X
THIORHODOSPIRA		
Thiorhodospira sibirica		X
THIORHODOVIBRIO		
Thiorhodovibrio winogradskyi	1	
THIOSPHAERA → PARACOCCLUS		
Thiosphaera pantotropha → Paracoccus denitrificans		
THIOSPIRA		
Thiospira winogradskyi	1	
THIOSPIRILLUM		
Thiospirillum jenense	1	
THIOTHRIX		
Thiothrix defluvii		X
Thiothrix eikelboomii		X
Thiothrix fructosivorans		X
Thiothrix nivea	1	
Thiothrix unzii		X
THIOVULUM		
Thiovulum majus	1	
TINDALLIA		
Tindallia magadiensis		X
TISSIERELLA		
Tissierella creatinini	1?	
Tissierella creatinophila		X
Tissierella praeacuta (Bacteroides praeacutus)	2	
TOLUMONAS		
Tolumonas auensis	1	

TOXOTHRIX

Toxothrix trichogenes 1

TRABULSIELLA

Trabulsiella guamensis 1

TREPONEMA

Treponema amylovorum 2

Treponema brennaborense X

Treponema carateum 2

Treponema bryantii 1

Treponema denticola 2

Treponema hyodysenteriae → Serpula hyodysenteriae

Treponema innocens → Serpula innocens

Treponema lecithinolyticum 2

Treponema maltophilum 2

Treponema medium 2

Treponema minutum 1

Treponema pallidum 2

Treponema paraluisuniculi t

Treponema pectinovorum 2

Treponema pertenuae 2

Treponema phagedenis 1

Treponema refringens 1

Treponema saccharophilum 1

Treponema scoliodontum 1 +

Treponema socranskii X

Treponema socranskii subsp. buccale 2

Treponema socranskii subsp. paredis 2

Treponema socranskii subsp. socranskii 2

Treponema succinifaciens 1

Treponema vincentii 2

TRICHOCOCCUS

Trichococcus flocculiformis 1

TSUKAMURELLA

Tsukamurella inchonensis 2

Tsukamurella paurometabola
(Corynebacterium paurometabolum) 1 +

Tsukamurella pulmonis 2

Tsukamurella tyrosinosolvens 2

Tsukamurella wratislaviensis 1

TURICELLA

Turicella otitidis	2	
UREAPLASMA		
Ureaplasma canigenitalium	1	t?
Ureaplasma cati	1	
Ureaplasma diversum	2	t
Ureaplasma felinum	1	
Ureaplasma gallorale	2	t
Ureaplasma urealyticum	2	
VAGOCOCCUS		
Vagococcus fluvialis	1	
Vagococcus lutrae		X
Vagococcus salmoninarum	2	t
VAMPIROVIBRIO		
Vampirovibrio chlorellavorus	1	
VARIOVORAX		
Variovorax paradoxus (Alcaligenes paradoxus)	1	
VEILLONELLA		
Veillonella alcalescens - syn.: Veillonella parvula		
Veillonella alcalescens subsp. alcalescens - syn.:		
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 dispar (Veillonella alcalescens subsp. dispar)	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	
VERRUCOMICROBIUM		

Verrucomicrobium spinosum	1	
VERRUCOSISPORA		
Verrucosipora gifhornensis		X
VIBRIO		
Vibrio aerogenes		X
Vibrio aestuarianus	1	+n
Vibrio albensis - syn.: Vibrio cholerae		
Vibrio alginolyticus = Beneckea alginolytica	2	TA
Vibrio anguillarum → Listonella anguillarum		
Vibrio campbellii (Beneckea campbellii)	1	
Vibrio carchariae	2	t
Vibrio cholerae	2	
Vibrio cincinnatiensis	2	
Vibrio costicola → Salinivibrio costicola		
Vibrio damsela → Photobacterium damsela		
Vibrio diabolicus	1	
Vibrio diazotrophicus	1	
Vibrio fischeri = Photobacterium fischeri	1	
Vibrio fluvialis	2	
Vibrio furnissii	2	
Vibrio gazogenes (Beneckea gazogenes)	1	
Vibrio halioticoli		X
Vibrio harveyi (Beneckea harveyi; Lucibacterium harveyi)	1	
Vibrio hollisae	2	
Vibrio ichthyoenteri	2	t
Vibrio iliopiscarius	1	t?
Vibrio logei (Photobacterium logei)	1	n
Vibrio marinus	1	
Vibrio mediterranei	1	
Vibrio metschnikovii	2	
Vibrio mimicus	2	
Vibrio mytili 1		
Vibrio natriegens (Beneckea natriegens)	1	
Vibrio navarrensis	1	
Vibrio nereis (Beneckea nereis)	1	
Vibrio nigripulchritudo (Beneckea nigripulchritudo)	1	
Vibrio ordalii	2	t
Vibrio orientalis	1	
Vibrio parahaemolyticus = Beneckea parahaemolytica	2	
Vibrio pectenicida		X
Vibrio pelagius (Beneckea pelagia) → Listonella pelagia		
Vibrio penaeicida	1	n
Vibrio proteolyticus (Aeromonas hydrophila subsp. proteolytica)	1	

Vibrio rumoiensis		X
Vibrio salmonicida	2	t
Vibrio scophthalmi	1	
Vibrio splendidus (Beneckeia splendida)	1	
Vibrio succinogenes → Wolinella succinogenes		
Vibrio tapetis	1	n
Vibrio trachuri	2	t
Vibrio tubiashii	1	n
Vibrio vulnificus (Beneckeia vulnifica)	2	
VIRGIBACILLUS		
Virgibacillus pantothenicus		X
Virgibacillus proomii		X
VITREOSCILLA		
Vitreoscilla beggiatoides	1	
Vitreoscilla filiformis	1	
Vitreoscilla stercoraria	1	
VOGESELLA		
Vogesella indigofera (Pseudomonas indigofera)	1	
VOLCANIELLA → HALOMONAS		
Volcaniella eurihalina → Halomonas eurihalina		
WADDLIA		
Waddlia chondrophila	2	
WEEKSELLA		
Weeksella virosa	1	+
Weeksella zoohelcum → Bergeyella zoohelcum		
WEISSELLA		
Weissella confusa (Lactobacillus confusus)	1	
Weissella halotolerans (Lactobacillus halotolerans)	1	
Weissella hellenica	1	
Weissella kandleri (Lactobacillus kandleri)	1	
Weissella minor (Lactobacillus minor)	1	
Weissella paramesenteroides (Leuconostoc paramesenteroides)	1	
Weissella viridescens (Lactobacillus viridescens)	1	
WIGGLESWORTHIA		
Wigglesworthia glossinidia	1	

WILLIAMNSIA

Williamsia muralis			X
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WOLBACHIA

Wolbachia melophagi	1		
Wolbachia persica	1		
Wolbachia pipientis	1		

WOLINELLA

Wolinella curva → Campylobacter curvus			
Wolinella recta → Campylobacter rectus			
Wolinella succinogenes (Vibrio succinogenes)	1		

XANTHOBACTER

Xanthobacter agilis	1		
Xanthobacter autotrophicus	1		
Xanthobacter flavus	1		
Xanthobacter tagetidis	1		

XANTHOMONAS

Xanthomonas albilineans	1		p
Xanthomonas ampelina → Xylophilus ampelinus			
Xanthomonas arboricola	1		p
Xanthomonas arboricola pv. pruni	2		Q p
Xanthomonas arboricola pv. corylina	2		Q p
Xanthomonas axonopodis	1		p
Xanthomonas axonopodis pv. phaseoli	2		Q p
Xanthomonas bromi	1		p
Xanthomonas campestris	1		p
Xanthomonas campestris pv. oryzae	2		Q p
Xanthomonas campestris pv. orizicola	2		Q p
Xanthomonas cassavae	1		p
Xanthomonas cissicola (Pseudomonas cissicola)	1		p
Xanthomonas citri	1		p
Xanthomonas codiae	1		p
Xanthomonas cucurbitae	1		p
Xanthomonas fragariae	2		Q p
Xanthomonas hortorum	1		p
Xanthomonas hyacinthi	1		p
Xanthomonas (Pseudomonas) maltophilia →			
Stenotrophomonas maltophilia			
Xanthomonas melonis	1		p
Xanthomonas oryzae	1		p

Xanthomonas phaseoli	1	p
Xanthomonas pisi	1	p
Xanthomonas populi	1	p?
Xanthomonas sacchari	1	p
Xanthomonas theicola	1	p
Xanthomonas translucens	1	p
Xanthomonas translucens pv. translucens	2	Q p
Xanthomonas vasicola	1	p
Xanthomonas vesicatoria	1	p
Xanthomonas vesicatoria pv. vesicatoria	2	Q p

XENORHABDUS

Xenorhabdus beddingii		
(Xenorhabdus nematophilus subsp. beddingii)	1	n
Xenorhabdus bovienii		
(Xenorhabdus nematophilus subsp. bovienii)	1	n
Xenorhabdus japonicus		X
Xenorhabdus luminescens → Photorhabdus luminescens		
Xenorhabdus nematophilus (Xenorhabdus nematophilus subsp. nematophilus)	1	n
Xenorhabdus nematophilus subsp. beddingii → Xenorhabdus beddingii		
Xenorhabdus nematophilus subsp. bovienii → Xenorhabdus bovienii		
Xenorhabdus nematophilus subsp. nematophilus → Xenorhabdus nematophilus		
Xenorhabdus nematophilus subsp. poinarii → Xenorhabdus poinarii		
Xenorhabdus poinarii		
(Xenorhabdus nematophilus subsp. poinarii)	1	

XYLELLA

Xylella fastidiosa	3	Q p
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XYLOPHILUS

Xylophilus ampelinus (Xanthomonas ampelina)	2	Q p
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YERSINIA

Yersinia aldovae	1	
Yersinia bercovieri	1	
Yersinia enterocolitica	2	
Yersinia frederiksenii	2	
Yersinia intermedia	2	
Yersinia kristensenii	2	

Yersinia mollaretii	1		
Yersinia pestis		3	
Yersinia philomiragia → Francisella philomiragia			
Yersinia pseudotuberculosis	2		
Yersinia pseudotuberculosis subsp. pestis		3?	
Yersinia pseudotuberculosis subsp. pseudotuberculosis	2		
Yersinia rohdei	1		+
Yersinia ruckeri	2		t

YOKENELLA - syn.: KOSERELLA

Yokenella regensburgei - syn.: Koserella trabulsii

ZAVARZINIA

Zavarzinia compransoris 1

ZOOGLOEA

Zoogloea ramigera 1

Zoogloea resiniphila 1

ZYMOBACTER

Zymobacter palmae 1

ZYMOMONAS

Zymomonas mobilis 1

ZYMOPHILUS

Zymophilus paucivorans 1

Zymophilus raffinivorans 1