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# > Einstufung von Organismen

## Modul 1: Bakterien

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*Die vorliegende Liste zur Gruppierung der Bakterien wurde im Jahr 2003 erstmals veröffentlicht und im Jahr 2010 überarbeitet.*

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| Name  | Group | Remarks            |
|---|-------|--------------------|
| <b>Abiotrophia</b>  |       |                    |
| Abiotrophia adiacens  | 2     |                    |
| old name      Streptococcus adiacens                        |       |                    |
| Abiotrophia balaena   | 2     | <a href="#">PV</a> |
| old name      Streptococcus balaenus                        |       |                    |
| Abiotrophia balaenopterae                                   | 2     |                    |
| Abiotrophia defectiva                                       | 2     |                    |
| old name      Streptococcus defectivus                      |       |                    |
| Abiotrophia elegans   | 2     |                    |
| old name      Streptococcus elegans                         |       |                    |
| <b>Acetanaerobacterium</b>                                  |       |                    |
| Acetanaerobacterium elongatum                               | 1     |                    |
| <b>Acetitomaculum</b>                                       |       |                    |
| Acetitomaculum ruminis                                      | 1     |                    |
| <b>Acetivibrio</b>  |       |                    |
| Acetivibrio cellulolyticus                                  | 1     |                    |
| lower priority syn-<br>onym      Acetivibrio cellulosolvens |       |                    |
| Acetivibrio cellulosolvens                                  |       |                    |
| refer to <a href="#">Acetivibrio cellulolyticus</a>         |       |                    |
| Acetivibrio ethanolgignens                                  | 2     | <a href="#">PV</a> |
| Acetivibrio multivorans                                     | 1     |                    |
| <b>Acetoanaerobium</b>                                      |       |                    |
| Acetoanaerobium noterae                                     | 1     |                    |
| <b>Acetobacter</b>  |       |                    |
| Acetobacter aceti   | 1     |                    |
| Acetobacter aceti subsp. aceti                              | 1     |                    |
| Acetobacter aceti subsp. liquefaciens                       |       |                    |
| refer to <a href="#">Acetobacter liquefaciens</a>           |       |                    |
| Acetobacter aceti subsp. orleanensis                        | 1     |                    |
| Acetobacter aceti subsp. xylinus                            |       |                    |
| refer to <a href="#">Acetobacter xylinus subsp. xylinus</a> |       |                    |
| Acetobacter cerevisiae                                      | 1     |                    |
| Acetobacter cibirongensis                                   | 1     |                    |
| Acetobacter diazotrophicus                                  | 1     |                    |
| Acetobacter estunensis                                      | 1     |                    |
| Acetobacter europaeus                                       | 1     |                    |
| Acetobacter hansenii  | 1     |                    |
| Acetobacter indonesiensis                                   | 1     |                    |
| Acetobacter intermedius                                     | 1     |                    |
| Acetobacter liquefaciens                                    | 1     |                    |
| old name      Acetobacter aceti subsp. liquefaciens         |       |                    |

| Name  | Group | Remarks |
|---|-------|---------|
| Acetobacter lovaniensis   | 1     |         |
| Acetobacter malorum   | 1     |         |
| Acetobacter methanolicus<br>refer to <a href="#">Acidomonas methanolica</a>     |       |         |
| Acetobacter oboediens   | 1     |         |
| Acetobacter orientalis  | 1     |         |
| Acetobacter orleanensis   | 1     |         |
| Acetobacter pasteurianus  | 1     |         |
| 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 syzygii   | 1     |         |
| Acetobacter tropicalis  | 1     |         |
| Acetobacter xylinus   | 1     |         |
| Acetobacter xylinus subsp. sucrofermentans                                      | 1     |         |
| Acetobacter xylinus subsp. xylinus<br>old name Acetobacter aceti subsp. xylinus | 1     |         |

### Acetobacterium

|                             |   |  |
|-----------------------------|---|--|
| Acetobacterium bakii        | 1 |  |
| Acetobacterium carbinolicum | 1 |  |
| Acetobacterium fimetarium   | 1 |  |
| Acetobacterium malicum      | 1 |  |
| Acetobacterium paludosum    | 1 |  |
| Acetobacterium tundrae      | 1 |  |
| Acetobacterium wieringae    | 1 |  |
| Acetobacterium woodii       | 1 |  |

### Acetofilamentum

|                         |   |  |
|-------------------------|---|--|
| Acetofilamentum rigidum | 1 |  |
|-------------------------|---|--|

### Acetogenium

|  |  |  |
|--|--|--|
| Acetogenium kivui<br>refer to <a href="#">Thermoanaerobacter kivui</a> |  |  |
|--|--|--|

### Acetohalobium

|                          |   |  |
|--------------------------|---|--|
| Acetohalobium arabaticum | 1 |  |
|--------------------------|---|--|

### Acetomicrobium

|                         |   |  |
|-------------------------|---|--|
| Acetomicrobium faecale  | 1 |  |
| Acetomicrobium flavidum | 1 |  |

### Acetonema

| Name  | Group | Remarks                                 |
|---|-------|---|
| Acetonema longum  | 1     |   |
| <b>Acetothermus</b>   |       |   |
| Acetothermus paucivorans  | 1     |   |
| <b>Acholeplasma</b>   |       |   |
| Acholeplasma axanthum   | 2     | <a href="#">PV</a>                      |
| Acholeplasma brassicae  | 2     | <a href="#">PI?</a> <a href="#">PP?</a> |
| Acholeplasma cavigenitalium   | 1     |   |
| Acholeplasma entomophilum<br>refer to <a href="#">Mesoplasma entomophilum</a>   |       |   |
| Acholeplasma equifetale   | 2     | <a href="#">PV</a>                      |
| Acholeplasma florum<br>refer to <a href="#">Mesoplasma florum</a>               |       |   |
| Acholeplasma granularum   | 2     | <a href="#">PV</a>                      |
| Acholeplasma hippikon   | 2     | <a href="#">PV</a>                      |
| Acholeplasma laidlawii  | 2     | <a href="#">PV</a>                      |
| Acholeplasma modicum  | 2     | <a href="#">PV</a>                      |
| Acholeplasma morum  | 2     | <a href="#">PV</a>                      |
| Acholeplasma multilocale  | 1     | <a href="#">PV?</a>                     |
| Acholeplasma oculi  | 2     | <a href="#">PV</a>                      |
| Acholeplasma palmae   | 1     | <a href="#">PI?</a> <a href="#">PP?</a> |
| Acholeplasma parvum   | 1     |   |
| Acholeplasma pleciae  | 2     |   |
| Acholeplasma seiffertii<br>refer to <a href="#">Mesoplasma seiffertii</a>       |       |   |
| Acholeplasma vituli   | 2     |   |
| <b>Achromatium</b>  |       |   |
| Achromatium oxaliferum  | 1     |   |
| <b>Achromobacter</b>  |       |   |
| Achromobacter denitrificans   | 1     |   |
| Achromobacter insolitus   | 1     |   |
| Achromobacter piechaudii<br>refer to <a href="#">Alcaligenes piechaudii</a>     |       |   |
| Achromobacter ruhlandii<br>refer to <a href="#">Alcaligenes ruhlandii</a>       |       |   |
| Achromobacter spanius   | 1     |   |
| Achromobacter xylosoxidans  | 1     |   |
| Achromobacter xylosoxidans subsp. denitrificans                                 | 1     |   |
| Achromobacter xylosoxidans subsp. xylosoxidans                                  | 1     |   |
| Achromobacter xylosoxydans<br>refer to <a href="#">Alcaligenes xylosoxydans</a> |       |   |
| <b>Acidaminobacter</b>  |       |   |
| Acidaminobacter hydrogenoformans  | 1     |   |

| Name                           | Group                                  | Remarks |
|--------------------------------|--|---------|
| <b>Acidaminococcus</b>         |  |         |
| Acidaminococcus fermentans     | 2                                      |         |
| <b>Acidianus</b>               |  |         |
| Acidianus ambivalens           | 1                                      |         |
| old name                       | Desulfurolobus ambivalens              |         |
| Acidianus brierleyi            | 1                                      |         |
| old name                       | Sulfolobus brierleyi                   |         |
| Acidianus infernus             | 1                                      |         |
| <b>Acidilobus</b>              |  |         |
| Acidilobus aceticus            | 1                                      |         |
| <b>Acidimicrobium</b>          |  |         |
| Acidimicrobium ferrooxidans    | 1                                      |         |
| <b>Acidiphilium</b>            |  |         |
| Acidiphilium acidophilum       | 1                                      |         |
| Acidiphilium aminolyticum      |  |         |
| refer to                       | <a href="#">Acidocella aminolytica</a> |         |
| Acidiphilium angustum          | 1                                      |         |
| Acidiphilium cryptum           | 1                                      |         |
| Acidiphilium facile            |  |         |
| refer to                       | <a href="#">Acidocella facilis</a>     |         |
| Acidiphilium multivorum        | 1                                      |         |
| Acidiphilium organovorum       | 1                                      |         |
| Acidiphilium rubrum            | 1                                      |         |
| <b>Acidisphaera</b>            |  |         |
| Acidisphaera rubrifaciens      | 1                                      |         |
| <b>Acidithiobacillus</b>       |  |         |
| Acidithiobacillus albertensis  | 1                                      |         |
| Acidithiobacillus caldus       | 1                                      |         |
| Acidithiobacillus ferrooxidans | 1                                      |         |
| Acidithiobacillus thiooxidans  | 1                                      |         |
| <b>Acidobacterium</b>          |  |         |
| Acidobacterium capsulatum      | 1                                      |         |
| <b>Acidocella</b>              |  |         |
| Acidocella aminolytica         | 1                                      |         |
| old name                       | Acidiphilium aminolyticum              |         |
| Acidocella facilis             | 1                                      |         |
| old name                       | Acidiphilium facile                    |         |
| <b>Acidomonas</b>              |  |         |
| Acidomonas methanolica         | 1                                      |         |
| old name                       | Acetobacter methanolicus               |         |

| Name                               | Group   | Remarks              |
|------------------------------------|---|----------------------|
| <b>Acidothermus</b>                |   |                      |
| Acidothermus cellulolyticus        | 1   |                      |
| <b>Acidovorax</b>                  |   |                      |
| Acidovorax anthurii                | 1   | <a href="#">PP</a>   |
| Acidovorax avenae                  | 1   | <a href="#">PP</a>   |
| Acidovorax avenae subsp. avenae    | 1   | <a href="#">PP</a>   |
| lower priority syn-<br>onym        | Pseudomonas rubrilineans                      |                      |
| old name                           | Pseudomonas avenae                            |                      |
| Acidovorax avenae subsp. cattleyae | 1   | <a href="#">PP</a>   |
| old name                           | Pseudomonas cattleyae                         |                      |
| Acidovorax avenae subsp. citrulli  | 1   | <a href="#">PP</a>   |
| old name                           | Pseudomonas pseudoalcaligenes subsp. citrulli |                      |
| Acidovorax defluvii                | 1   |                      |
| Acidovorax delafieldii             | 1   | <a href="#">PIIC</a> |
| old name                           | Pseudomonas corrugata                         |                      |
| old name                           | Pseudomonas delafieldii                       |                      |
| Acidovorax facilis                 | 1   |                      |
| old name                           | Pseudomonas facilis                           |                      |
| Acidovorax konjaci                 | 1   | <a href="#">PP</a>   |
| old name                           | Pseudomonas pseudoalcaligenes subsp. konjaci  |                      |
| Acidovorax temperans               | 1   | <a href="#">PIIC</a> |
| Acidovorax valerianellae           | 1   |                      |
| <b>Acinetobacter</b>               |   |                      |
| Acinetobacter baumannii            | 2   |                      |
| Acinetobacter baylyi               | 2   |                      |
| Acinetobacter calcoaceticus        | 2   |                      |
| Acinetobacter gernerii             | 2   |                      |
| Acinetobacter grimontii            | 2   |                      |
| Acinetobacter haemolyticus         | 2   |                      |
| Acinetobacter Iwoffii              | 2   | <a href="#">TA</a>   |
| Acinetobacter johnsonii            | 2   |                      |
| Acinetobacter junii                | 2   |                      |
| Acinetobacter parvus               | 2   |                      |
| Acinetobacter radioresistens       | 2   |                      |
| Acinetobacter schindleri           | 2   |                      |
| Acinetobacter tjernbergiae         | 2   |                      |
| Acinetobacter towneri              | 2   |                      |
| Acinetobacter ursingii             | 2   |                      |
| <b>Acrocarpospora</b>              |   |                      |
| Acrocarpospora macrocephala        | 1   |                      |
| Acrocarpospora pleiomorpha         | 1   |                      |

| Name   | Group | Remarks             |
|--|-------|---------------------|
| <b>Actinoalloteichus</b>                                   |       |                     |
| Actinoalloteichus cyanogriseus                             | 1     |                     |
| <b>Actinobacillus</b>                                      |       |                     |
| Actinobacillus actinomycetemcomitans                       |       |                     |
| refer to <a href="#">Haemophilus actinomycetemcomitans</a> |       |                     |
| Actinobacillus arthritidis                                 | 2     |                     |
| Actinobacillus capsulatus                                  | 2     | <a href="#">PV</a>  |
| Actinobacillus delphinicola                                | 2     | <a href="#">PV?</a> |
| Actinobacillus equuli                                      | 2     | <a href="#">PV</a>  |
| Actinobacillus equuli subsp. equuli                        | 2     |                     |
| Actinobacillus equuli subsp. haemolyticus                  | 2     |                     |
| Actinobacillus hominis                                     | 2     |                     |
| Actinobacillus indolicus                                   | 2     |                     |
| Actinobacillus lignieresii                                 | 2     | <a href="#">PV</a>  |
| Actinobacillus minor                                       | 2     |                     |
| Actinobacillus muris                                       | 2     | <a href="#">PV</a>  |
| Actinobacillus pleuropneumoniae                            | 2     | <a href="#">PV</a>  |
| old name Haemophilus pleuropneumoniae                      |       |                     |
| Actinobacillus porcinus                                    | 2     |                     |
| Actinobacillus rossii                                      | 2     | <a href="#">PV</a>  |
| Actinobacillus scotiae                                     | 2     | <a href="#">PV</a>  |
| Actinobacillus seminis                                     | 2     | <a href="#">PV</a>  |
| Actinobacillus succinogenes                                | 2     | <a href="#">PV</a>  |
| Actinobacillus suis  | 2     | <a href="#">PV</a>  |
| Actinobacillus ureae                                       | 2     |                     |
| old name Pasteurella ureae                                 |       |                     |
| <b>Actinobaculum</b>                                       |       |                     |
| Actinobaculum schaalii                                     | 2     |                     |
| Actinobaculum suis   | 2     | <a href="#">PV</a>  |
| old name Actinomyces suis                                  |       |                     |
| old name Eubacterium suis                                  |       |                     |
| Actinobaculum urinale                                      | 2     |                     |
| <b>Actinobispora</b>                                       |       |                     |
| Actinobispora alaniniphila                                 | 1     |                     |
| Actinobispora aurantiaca                                   | 1     |                     |
| Actinobispora xinjiangensis                                | 1     |                     |
| Actinobispora yunnanensis                                  | 1     |                     |
| <b>Actinocorallia</b>                                      |       |                     |
| Actinocorallia aurantiaca                                  | 1     |                     |
| Actinocorallia glomerata                                   | 1     |                     |
| Actinocorallia herbida                                     | 1     |                     |
| Actinocorallia libanotica                                  | 1     |                     |

| Name                                  | Group | Remarks  |
|---------------------------------------|-------|--|
| Actinocorallia longicatena            | 1     |  |
| <b>Actinokineospora</b>               |       |  |
| Actinokineospora auranticolor         | 1     |  |
| Actinokineospora diospyrosa           | 1     |  |
| Actinokineospora enzanensis           | 1     |  |
| Actinokineospora globicatena          | 1     |  |
| Actinokineospora inagensis            | 1     |  |
| Actinokineospora riparia              | 1     |  |
| Actinokineospora terrae               | 1     |  |
| <b>Actinomadura</b>                   |       |  |
| Actinomadura africana                 |       |  |
| refer to                              |       | <a href="#">Microtetraspora africana</a>       |
| Actinomadura atramentaria             | 1     |  |
| Actinomadura aurantiaca               | 1     |  |
| Actinomadura carminata                | 1     |  |
| Actinomadura catellatispora           | 1     |  |
| Actinomadura citrea                   | 1     |  |
| Actinomadura coerulea                 | 1     |  |
| Actinomadura coeruleofusca            |       |  |
| refer to                              |       | <a href="#">Saccharothrix coeruleofusca</a>    |
| Actinomadura coeruleoviolacea         |       |  |
| refer to                              |       | <a href="#">Saccharothrix coeruleoviolacea</a> |
| Actinomadura cremea                   | 1     |  |
| Actinomadura cremea subsp. cremea     | 1     |  |
| Actinomadura cremea subsp. rifamycini | 1     |  |
| Actinomadura echinospora              | 1     |  |
| old name                              |       | Microbispora echinospora                       |
| Actinomadura fastidiosa               |       |  |
| refer to                              |       | <a href="#">Microtetraspora fastidiosa</a>     |
| Actinomadura ferruginea               |       |  |
| refer to                              |       | <a href="#">Microtetraspora ferruginea</a>     |
| Actinomadura fibrosa                  | 1     |  |
| Actinomadura flava                    |       |  |
| refer to                              |       | <a href="#">Saccharothrix flava</a>            |
| Actinomadura flexuosa                 |       |  |
| refer to                              |       | <a href="#">Microtetraspora flexuosa</a>       |
| Actinomadura formosensis              | 1     |  |
| Actinomadura fulvescens               | 1     |  |
| Actinomadura glauciflava              | 1     |  |
| Actinomadura glomerata                | 1     |  |
| Actinomadura hibisca                  | 1     |  |
| Actinomadura kijaniata                | 1     |  |
| Actinomadura latina                   | 1     |  |



| Name  | Group | Remarks |
|---|-------|---------|
| <i>Actinomadura libanotica</i>  | 1     |         |
| <i>Actinomadura livida</i>  | 1     |         |
| <i>Actinomadura longicatena</i>   | 1     |         |
| <i>Actinomadura longispora</i><br>refer to <a href="#">Saccharothrix longispora</a>         |       |         |
| <i>Actinomadura luteofluorescens</i>  | 1     |         |
| <i>Actinomadura macra</i>   | 2     |         |
| <i>Actinomadura madurae</i>   | 2     |         |
| <i>Actinomadura malachitica</i><br>refer to <a href="#">Actinomadura viridis</a>            |       |         |
| <i>Actinomadura mexicana</i>  | 2     |         |
| <i>Actinomadura namibiensis</i>   | 2     |         |
| <i>Actinomadura napierensis</i>   | 1     |         |
| <i>Actinomadura nitritigenes</i>  | 1     |         |
| <i>Actinomadura oligospora</i>  | 1     |         |
| <i>Actinomadura pelletieri</i>  | 2     |         |
| <i>Actinomadura polychroma</i><br>refer to <a href="#">Microtetraspora polychroma</a>       |       |         |
| <i>Actinomadura pusilla</i><br>refer to <a href="#">Microtetraspora pusilla</a>             |       |         |
| <i>Actinomadura recticatena</i><br>refer to <a href="#">Microtetraspora recticatena</a>     |       |         |
| <i>Actinomadura roseola</i><br>refer to <a href="#">Microtetraspora roseola</a>             |       |         |
| <i>Actinomadura roseoviolacea</i><br>refer to <a href="#">Microtetraspora roseoviolacea</a> |       |         |
| <i>Actinomadura rubra</i><br>refer to <a href="#">Microtetraspora rubra</a>                 |       |         |
| <i>Actinomadura rubrobrunea</i><br>old name <i>Excellospora rubrobrunea</i>                 | 1     |         |
| <i>Actinomadura rugatobispora</i><br>old name <i>Microbispora viridis</i>                   | 1     |         |
| <i>Actinomadura salmonea</i><br>refer to <a href="#">Microtetraspora salmonea</a>           |       |         |
| <i>Actinomadura spadix</i>  | 1     |         |
| <i>Actinomadura spiralis</i><br>refer to <a href="#">Microtetraspora spiralis</a>           |       |         |
| <i>Actinomadura turkmeniaca</i><br>refer to <a href="#">Microtetraspora turkmeniaca</a>     |       |         |
| <i>Actinomadura umbrina</i>   | 1     |         |
| <i>Actinomadura verrucosospora</i>  | 1     |         |
| <i>Actinomadura vinacea</i>   | 1     |         |
| <i>Actinomadura viridilutea</i>   | 1     |         |
| <i>Actinomadura viridis</i><br>lower priority syn-<br>onym <i>Actinomadura malachitica</i>  | 1     |         |

| Name                               | Group                   | Remarks            |
|------------------------------------|-------------------------|--------------------|
| old name                           | Microtetraspora viridis |                    |
| Actinomadura yumaensis             | 1                       |                    |
| Actinomyces bovis                  | 2                       | <a href="#">PV</a> |
| Actinomyces bowdenii               | 2                       |                    |
| Actinomyces denticolens            | 2                       |                    |
| Actinomyces europaeus              | 2                       |                    |
| Actinomyces georgiae               | 2                       |                    |
| Actinomyces gerencseriae           | 2                       |                    |
| Actinomyces graevenitzii           | 2                       |                    |
| Actinomyces hordeovulneris         | 2                       | <a href="#">PV</a> |
| Actinomyces howellii               | 2                       |                    |
| Actinomyces humiferus              | 2                       |                    |
| Actinomyces hyovaginalis           | 2                       | <a href="#">PV</a> |
| Actinomyces israelii               | 2                       |                    |
| Actinomyces meyeri                 | 2                       |                    |
| Actinomyces naeslundii             | 2                       |                    |
| Actinomyces neuii                  | 2                       |                    |
| Actinomyces neuii subsp. anitratus | 2                       |                    |
| Actinomyces neuii subsp. neuii     | 2                       |                    |
| Actinomyces odontolyticus          | 2                       |                    |
| Actinomyces radingae               | 2                       |                    |
| Actinomyces slackii                | 2                       |                    |
| Actinomyces turicensis             | 2                       |                    |
| Actinomyces viscosus               | 2                       |                    |
| Microtetraspora helvata            | 1                       |                    |

### Actinomyces

|                           |  |  |
|---------------------------|--|--|
| Actinomyces bernardiae    |  |  |
| refer to                  | <a href="#">Arcanobacterium bernardiae</a> |  |
| Actinomyces canis         | 2  |  |
| Actinomyces cardiffensis  | 2  |  |
| Actinomyces catuli        | 2  |  |
| Actinomyces coleocanis    | 2  |  |
| Actinomyces dentalis      | 2  |  |
| Actinomyces funkei        | 2  |  |
| Actinomyces hongkongensis | 2  |  |
| Actinomyces marimammalium | 2  |  |
| Actinomyces nasicola      | 2  |  |
| Actinomyces oricola       | 2  |  |
| Actinomyces pyogenes      |  |  |
| refer to                  | <a href="#">Arcanobacterium pyogenes</a>   |  |
| Actinomyces radidentis    | 2  |  |
| Actinomyces suimastitidis | 2  |  |
| Actinomyces suis          |  |  |

| Name  | Group | Remarks |
|---|-------|---------|
| refer to <a href="#">Actinobaculum suis</a> |       |         |
| Actinomyces urogenitalis                    | 2     |         |
| Actinomyces vaccimaxillae                   | 2     |         |

### Actinoplanes

|   |   |  |
|---|---|--|
| Actinoplanes armeniacus   |   |  |
| refer to <a href="#">Streptomyces armeniacus</a>                  |   |  |
| Actinoplanes auranticolor   | 1 |  |
| old name Amorphosporangium auranticolor                           |   |  |
| Actinoplanes brasiliensis   | 1 |  |
| Actinoplanes caeruleus  |   |  |
| refer to <a href="#">Couchioplanes caeruleus subsp. caeruleus</a> |   |  |
| Actinoplanes campanulatus   | 1 |  |
| old name Ampullariella campanulata                                |   |  |
| Actinoplanes capillaceus  | 1 |  |
| Actinoplanes consettensis   | 1 |  |
| Actinoplanes cyaneus  | 1 |  |
| Actinoplanes deccanensis  | 1 |  |
| Actinoplanes derwentensis   | 1 |  |
| Actinoplanes digitatis  | 1 |  |
| old name Ampullariella digitata                                   |   |  |
| Actinoplanes durhamensis  | 1 |  |
| Actinoplanes ferrugineus  | 1 |  |
| Actinoplanes friulienensis  | 1 |  |
| Actinoplanes globisporus  | 1 |  |
| old name Amorphosporangium globisporum                            |   |  |
| Actinoplanes humidus  | 1 |  |
| Actinoplanes italicus   | 1 |  |
| Actinoplanes lobatus  | 1 |  |
| old name Ampullariella lobata                                     |   |  |
| Actinoplanes minutisporangius                                     | 1 |  |
| Actinoplanes missouriensi   | 1 |  |
| Actinoplanes missouriensis  | 1 |  |
| Actinoplanes palleronii   | 1 |  |
| Actinoplanes philippinensis                                       | 1 |  |
| Actinoplanes rectilineatus  | 1 |  |
| Actinoplanes regularis  | 1 |  |
| old name Ampullariella regularis                                  |   |  |
| Actinoplanes utahensis  | 1 |  |

### Actinopolymorpha

|                                |   |  |
|--------------------------------|---|--|
| Actinopolymorpha singaporensis | 2 |  |
|--------------------------------|---|--|

### Actinopolyspora

|                             |   |  |
|-----------------------------|---|--|
| Actinopolyspora halophila   | 1 |  |
| Actinopolyspora mortivallis | 1 |  |

| Name   | Group | Remarks                  |
|--|-------|--------------------------|
| <b>Actinosynnema</b>   |       |                          |
| Actinosynnema mirum  | 1     |                          |
| Actinosynnema pretiosum  | 1     |                          |
| Actinosynnema pretiosum subsp. auranticum                      | 1     |                          |
| Actinosynnema pretiosum subsp. pretiosum                       | 1     |                          |
| <b>Adhaeribacter</b>   |       |                          |
| Adhaeribacter aquaticus  | 1     |                          |
| <b>Advenella</b>   |       |                          |
| Advenella incenata   | 1     |                          |
| <b>Aegyptianella</b>   |       |                          |
| Aegyptianella pullorum   | 2     | <a href="#">PV</a>       |
| <b>Aequorivita</b>   |       |                          |
| Aequorivita antarctica   | 1     |                          |
| Aequorivita crocea   | 1     |                          |
| Aequorivita lipolytica   | 1     |                          |
| Aequorivita sublithincola                                      | 1     |                          |
| <b>Aerococcus</b>  |       |                          |
| Aerococcus christensenii                                       | 2     |                          |
| Aerococcus sanguinicola  | 2     |                          |
| Aerococcus urinae  | 2     |                          |
| Aerococcus urinaeequi  | 2     |                          |
| Aerococcus urinaehominis                                       | 2     |                          |
| Aerococcus viridans  | 2     | <a href="#">TA</a>       |
| <b>Aeromicrobium</b>   |       |                          |
| Aeromicrobium alkaliterrae                                     | 1     |                          |
| Aeromicrobium erythreum  | 1     |                          |
| Aeromicrobium fastidiosum<br>old name Nocardioides fastidiosus | 1     |                          |
| Aeromicrobium marinum  | 1     |                          |
| <b>Aeromonas</b>   |       |                          |
| Aeromonas allosaccharophila                                    | 2     |                          |
| Aeromonas bestiarum  | 2     |                          |
| Aeromonas caviae   | 2     |                          |
| Aeromonas culicicola   | 2     |                          |
| Aeromonas encheleia  | 2     | <a href="#">PIIC PV?</a> |
| Aeromonas enteropelogenes                                      | 2     | <a href="#">PIIC</a>     |
| Aeromonas eucrenophila   | 2     | <a href="#">PIIC</a>     |
| Aeromonas hydrophila   | 2     |                          |
| Aeromonas hydrophila subsp. anaerogenes                        | 2     |                          |
| Aeromonas hydrophila subsp. dhakensis                          | 2     |                          |

| Name  | Group | Remarks              |
|---|-------|----------------------|
| <i>Aeromonas hydrophila</i> subsp. <i>hydrophila</i>  | 2     |                      |
| <i>Aeromonas hydrophila</i> subsp. <i>proteolytica</i><br>refer to <a href="#">Vibrio proteolyticus</a> |       |                      |
| <i>Aeromonas hydrophila</i> subsp. <i>ranae</i>   | 2     |                      |
| <i>Aeromonas ichthiosmia</i>  | 2     | <a href="#">PIIC</a> |
| <i>Aeromonas jandaei</i>  | 2     |                      |
| <i>Aeromonas media</i>  | 2     |                      |
| <i>Aeromonas molluscorum</i>  | 2     |                      |
| <i>Aeromonas popoffii</i>   | 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     | <a href="#">PV</a>   |
| <i>Aeromonas salmonicida</i> subsp. <i>masoucida</i>  | 2     | <a href="#">PV</a>   |
| <i>Aeromonas salmonicida</i> subsp. <i>pectinolytica</i>  | 2     |                      |
| <i>Aeromonas salmonicida</i> subsp. <i>salmonicida</i>  | 2     | <a href="#">PV</a>   |
| <i>Aeromonas salmonicida</i> subsp. <i>smithia</i>  | 2     | <a href="#">PV</a>   |
| <i>Aeromonas schubertii</i>   | 2     |                      |
| <i>Aeromonas simiae</i>   | 2     |                      |
| <i>Aeromonas sobria</i>   | 2     |                      |
| <i>Aeromonas trota</i>  | 2     |                      |
| <i>Aeromonas tructi</i>   | 2     |                      |
| <i>Aeromonas veronii</i>  | 2     |                      |
| <b>Aeropyrum</b>  |       |                      |
| <i>Aeropyrum camini</i>   | 1     |                      |
| <i>Aeropyrum pernix</i>   | 1     |                      |
| <b>Aestuariibacter</b>  |       |                      |
| <i>Aestuariibacter halophilus</i>   | 1     |                      |
| <i>Aestuariibacter salexigens</i>   | 1     |                      |
| <b>Afipia</b>   |       |                      |
| <i>Afipia birgiae</i>   | 2     |                      |
| <i>Afipia broomeae</i>  | 2     |                      |
| <i>Afipia clevelandensis</i>  | 2     |                      |
| <i>Afipia felis</i>   | 2     |                      |
| <i>Afipia massiliensis</i>  | 2     |                      |
| <b>Agitococcus</b>  |       |                      |
| <i>Agitococcus lubricus</i>   | 1     |                      |
| <b>Agreia</b>   |       |                      |
| <i>Agreia bicolorata</i>  | 1     |                      |
| <i>Agreia pratensis</i>   | 1     |                      |

| Name  | Group | Remarks                                 |
|---|-------|---|
| <b>Agrobacterium</b>  |       |   |
| Agrobacterium atlanticum  | 1     |   |
| Agrobacterium ferrugineum   | 1     |   |
| Agrobacterium gelatinovorum   | 1     |   |
| Agrobacterium larrymoorei   | 2     |   |
| Agrobacterium meteorium   | 1     |   |
| Agrobacterium radiobacter<br>refer to <a href="#">Agrobacterium tumefaciens</a>                                   |       |   |
| Agrobacterium radiobacter<br>refer to <a href="#">Agrobacterium tumefaciens non-pathogenic laboratory strains</a> |       |   |
| Agrobacterium rhizogenes  | 1     |   |
| Agrobacterium rubi  | 1     | <a href="#">PP</a>                      |
| Agrobacterium stellulatum   | 1     |   |
| Agrobacterium tumefaciens<br>lower priority synonym Agrobacterium radiobacter                                     | 2     | <a href="#">PIIC</a> <a href="#">PP</a> |
| Agrobacterium tumefaciens non-pathogenic laboratory strains<br>lower priority synonym Agrobacterium radiobacter   | 1     | <a href="#">PIIC</a> <a href="#">PP</a> |
| Agrobacterium vitis   | 1     | <a href="#">PP</a>                      |
| <b>Agrococcus</b>   |       |   |
| Agrococcus baldri   | 1     |   |
| Agrococcus citreus  | 1     |   |
| Agrococcus jenensis   | 1     |   |
| <b>Agromonas</b>  |       |   |
| Agromonas oligotrophica   | 1     |   |
| <b>Agromyces</b>  |       |   |
| Agromyces albus   | 1     |   |
| Agromyces aurantiacus   | 1     |   |
| Agromyces bracchium   | 1     |   |
| 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 hippuratus  | 1     |   |
| Agromyces italicus  | 1     |   |
| Agromyces lapidis   | 1     |   |
| Agromyces luteolus  | 1     |   |
| Agromyces mediolanus<br>old name Corynebacterium mediolanum   | 1     |   |

| Name  | Group | Remarks |
|---|-------|---------|
| Agromyces neolithicus   | 1     |         |
| Agromyces ramosus   | 1     |         |
| Agromyces rhizosphaerae   | 1     |         |
| Agromyces salentinus  | 1     |         |
| Agromyces subbeticus  | 1     |         |
| Corynebacterium mediolanum<br>refer to <a href="#">Agromyces mediolanus</a> |       |         |

**Albibacter**

|                          |   |  |
|--------------------------|---|--|
| Albibacter methylovorans | 1 |  |
|--------------------------|---|--|

**Albidovulum**

|                          |   |  |
|--------------------------|---|--|
| Albidovulum inexpectatum | 1 |  |
|--------------------------|---|--|

**Alcaligenes**

|  |   |                      |
|--|---|----------------------|
| Alcaligenes defragrans   | 2 |                      |
| Alcaligenes denitrificans  | 1 |                      |
| old name Alcaligenes xylosoxydans subsp. denitrificans   |   |                      |
| old name Alcaligenes denitrificans subsp. denitrificans  |   |                      |
| old name Alcaligenes denitrificans subsp. xylosoxydans   |   |                      |
| Alcaligenes denitrificans subsp. denitrificans<br>refer to <a href="#">Alcaligenes denitrificans</a> |   |                      |
| Alcaligenes denitrificans subsp. xylosoxydans<br>refer to <a href="#">Alcaligenes denitrificans</a>  |   |                      |
| Alcaligenes denitrificans subsp. xylosoxydans<br>refer to <a href="#">Alcaligenes xylosoxydans</a>   |   |                      |
| Alcaligenes faecalis   | 2 |                      |
| Alcaligenes faecalis subsp. faecalis   | 2 |                      |
| Alcaligenes faecalis subsp. parafaecalis   | 2 |                      |
| Alcaligenes latus  | 1 |                      |
| Alcaligenes piechaudii   | 2 |                      |
| old name Achromobacter piechaudii  |   |                      |
| Alcaligenes ruhlandii  | 1 | <a href="#">PIIC</a> |
| old name Achromobacter ruhlandii   |   |                      |
| Alcaligenes xylosoxidans   | 1 |                      |
| Alcaligenes xylosoxidans subsp. denitrificans  | 1 |                      |
| Alcaligenes xylosoxidans subsp. xylosoxidans   | 1 |                      |
| Alcaligenes xylosoxydans   | 1 |                      |
| old name Alcaligenes xylosoxydans subsp. xylosoxydans  |   |                      |
| old name Achromobacter xylosoxydans  |   |                      |
| old name Alcaligenes denitrificans subsp. xylosoxydans   |   |                      |
| Alcaligenes xylosoxydans subsp. denitrificans<br>refer to <a href="#">Alcaligenes denitrificans</a>  |   |                      |
| Alcaligenes xylosoxydans subsp. xylosoxydans<br>refer to <a href="#">Alcaligenes xylosoxydans</a>    |   |                      |

**Alcanivorax**

|                         |   |  |
|-------------------------|---|--|
| Alcanivorax borkumensis | 1 |  |
|-------------------------|---|--|

| Name  | Group | Remarks |
|---|-------|---------|
| <i>Alcanivorax dieselolei</i>                                       | 1     |         |
| <i>Alcanivorax jadensis</i>   | 1     |         |
| <i>Alcanivorax venustensis</i>                                      | 1     |         |
| <b>Algicola</b>   |       |         |
| <i>Algicola bacteriolytica</i>                                      | 1     |         |
| <b>Algoriphagus</b>   |       |         |
| <i>Algoriphagus antarcticus</i>                                     | 1     |         |
| <i>Algoriphagus aquimarinus</i>                                     | 1     |         |
| <i>Algoriphagus chordae</i>   | 1     |         |
| <i>Algoriphagus halophilus</i>                                      | 1     |         |
| <i>Algoriphagus locisalis</i>                                       | 1     |         |
| <i>Algoriphagus ratkowskyi</i>                                      | 1     |         |
| <i>Algoriphagus winogradskyi</i>                                    | 1     |         |
| <i>Algoriphagus yeomjeoni</i>                                       | 1     |         |
| <b>Alicycliphilus</b>   |       |         |
| <i>Alicycliphilus denitrificans</i>                                 | 1     |         |
| <b>Alicyclobacillus</b>   |       |         |
| <i>Alicyclobacillus acidiphilus</i>                                 | 1     |         |
| <i>Alicyclobacillus acidocaldarius</i>                              | 1     |         |
| old name <i>Bacillus acidocaldarius</i>                             |       |         |
| <i>Alicyclobacillus acidocaldarius</i> subsp. <i>acidocaldarius</i> | 1     |         |
| <i>Alicyclobacillus acidocaldarius</i> subsp. <i>rittmannii</i>     | 1     |         |
| <i>Alicyclobacillus acidoterrestris</i>                             | 1     |         |
| old name <i>Bacillus acidoterrestris</i>                            |       |         |
| <i>Alicyclobacillus cycloheptanicus</i>                             | 1     |         |
| old name <i>Bacillus cycloheptanicus</i>                            |       |         |
| <i>Alicyclobacillus disulfidooxidans</i>                            | 1     |         |
| <i>Alicyclobacillus herbarius</i>                                   | 1     |         |
| <i>Alicyclobacillus hesperidum</i>                                  | 1     |         |
| <i>Alicyclobacillus pomorum</i>                                     | 1     |         |
| <i>Alicyclobacillus sendaiensis</i>                                 | 1     |         |
| <i>Alicyclobacillus tolerans</i>                                    | 1     |         |
| <i>Alicyclobacillus vulcanalis</i>                                  | 1     |         |
| <b>Alishewanella</b>  |       |         |
| <i>Alishewanella fetalis</i>  | 2     |         |
| <b>Alistipes</b>  |       |         |
| <i>Alistipes finegoldii</i>   | 1     |         |
| <i>Alistipes putredinis</i>   | 1     |         |
| <b>Alkalibacillus</b>   |       |         |
| <i>Alkalibacillus haloalkaliphilus</i>                              | 1     |         |



| Name                            | Group | Remarks  |
|---------------------------------|-------|--|
| Alkalibacillus salilacus        | 1     |  |
| <b>Alkalibacter</b>             |       |  |
| Alkalibacter saccharofermentans | 1     |  |
| <b>Alkalibacterium</b>          |       |  |
| Alkalibacterium iburiense       | 1     |  |
| Alkalibacterium olivapovliticus | 1     |  |
| Alkalibacterium psychrotolerans | 1     |  |
| <b>Alkalilimnicola</b>          |       |  |
| Alkalilimnicola halodurans      | 1     |  |
| <b>Allochromatium</b>           |       |  |
| Allochromatium minutissimum     | 1     |  |
| Allochromatium vinosum          | 1     |  |
| Allochromatium warmingii        | 1     |  |
| <b>Alloiococcus</b>             |       |  |
| Alloiococcus otitis             | 2     |  |
| <b>Allomonas</b>                |       |  |
| Allomonas enterica              | 2     |  |
| <b>Alterococcus</b>             |       |  |
| Alterococcus agarolyticus       | 2     |  |
| <b>Alteromonas</b>              |       |  |
| Alteromonas addita              | 1     |  |
| Alteromonas atlantica           |       |  |
| refer to                        |       | <a href="#">Pseudoalteromonas atlantica</a>      |
| Alteromonas aurantia            |       |  |
| refer to                        |       | <a href="#">Pseudoalteromonas aurantia</a>       |
| Alteromonas carrageenovora      |       |  |
| refer to                        |       | <a href="#">Pseudoalteromonas carrageenovora</a> |
| Alteromonas citrea              |       |  |
| refer to                        |       | <a href="#">Pseudoalteromonas citrea</a>         |
| Alteromonas colwelliana         |       |  |
| refer to                        |       | <a href="#">Shewanella colwelliana</a>           |
| Alteromonas communis            |       |  |
| refer to                        |       | <a href="#">Marinomonas communis</a>             |
| Alteromonas denitrificans       |       |  |
| refer to                        |       | <a href="#">Pseudoalteromonas denitrificans</a>  |
| Alteromonas distincta           | 1     |  |
| Alteromonas elyakovii           | 1     | <a href="#">PI?</a>                              |
| Alteromonas espejiana           |       |  |
| refer to                        |       | <a href="#">Pseudoalteromonas espejiana</a>      |
| Alteromonas fuliginea           | 1     |  |
| Alteromonas haloplanktis        |       |  |

| Name   | Group | Remarks |
|--|-------|---------|
| refer to <a href="#">Pseudoalteromonas haloplanktis</a>                    |       |         |
| <i>Alteromonas hanedai</i>   |       |         |
| refer to <a href="#">Shewanella hanedai</a>                                |       |         |
| <i>Alteromonas litorea</i>   | 1     |         |
| <i>Alteromonas luteoviolacea</i>   |       |         |
| refer to <a href="#">Pseudoalteromonas luteoviolacea</a>                   |       |         |
| <i>Alteromonas macleodii</i>   | 1     |         |
| <i>Alteromonas marina</i>  | 1     |         |
| <i>Alteromonas nigrifaciens</i>  |       |         |
| refer to <a href="#">Pseudoalteromonas nigrifaciens</a>                    |       |         |
| <i>Alteromonas putrefaciens</i>  |       |         |
| refer to <a href="#">Shewanella putrefaciens</a>                           |       |         |
| <i>Alteromonas rubra</i>   |       |         |
| refer to <a href="#">Pseudoalteromonas rubra</a>                           |       |         |
| <i>Alteromonas stellipolaris</i>   | 1     |         |
| <i>Alteromonas tetraodonis</i>   |       |         |
| refer to <a href="#">Pseudoalteromonas haloplanktis subsp. tetraodonis</a> |       |         |
| <i>Alteromonas undina</i>  |       |         |
| refer to <a href="#">Pseudoalteromonas undina</a>                          |       |         |
| <i>Alteromonas vaga</i>  |       |         |
| refer to <a href="#">Marinomonas vaga</a>                                  |       |         |

**Alysiella**

|                             |   |
|-----------------------------|---|
| <i>Alysiella crassa</i>     | 1 |
| <i>Alysiella filiformis</i> | 1 |

**Amaricoccus**

|                                  |   |
|----------------------------------|---|
| <i>Amaricoccus kaplicensis</i>   | 1 |
| <i>Amaricoccus macauensis</i>    | 1 |
| <i>Amaricoccus tamworthensis</i> | 1 |
| <i>Amaricoccus veronensis</i>    | 1 |

**Aminobacter**

|   |   |
|---|---|
| <i>Aminobacter aganoensis</i>           | 1 |
| <i>Aminobacter aminovorans</i>          | 1 |
| old name <i>Pseudomonas aminovorans</i> |   |
| <i>Aminobacter ciceronei</i>            | 1 |
| <i>Aminobacter lissarensis</i>          | 1 |
| <i>Aminobacter niigataensis</i>         | 1 |
| <i>Aminobacterium colombiense</i>       | 1 |
| <i>Aminomonas paucivorans</i>           | 2 |

**Aminobacterium**

|                              |   |
|------------------------------|---|
| <i>Aminobacterium mobile</i> | 1 |
|------------------------------|---|

**Ammonifex**

|                           |   |
|---------------------------|---|
| <i>Ammonifex degensii</i> | 1 |
|---------------------------|---|

| Name                           | Group | Remarks   |
|--------------------------------|-------|---|
| <b>Ammoniphilus</b>            |       |   |
| Ammoniphilus oxalaticus        | 1     |   |
| Ammoniphilus oxalivorans       | 1     |   |
| <b>Amoebobacter</b>            |       |   |
| Amoebobacter pedioformis       | 1     |   |
| Amoebobacter pendens           | 1     |   |
| Amoebobacter purpureus         | 1     |   |
| Amoebobacter roseus            | 1     |   |
| <b>Amorphosporangium</b>       |       |   |
| Amorphosporangium auranticolor |       |   |
| refer to                       |       | <a href="#">Actinoplanes auranticolor</a>         |
| Amorphosporangium globisporum  |       |   |
| refer to                       |       | <a href="#">Actinoplanes globisporus</a>          |
| <b>Amphibacillus</b>           |       |   |
| Amphibacillus fermentum        | 1     |   |
| Amphibacillus tropicus         | 1     |   |
| Amphibacillus xylanus          | 1     |   |
| <b>Ampullariella</b>           |       |   |
| Ampullariella campanulata      |       |   |
| refer to                       |       | <a href="#">Actinoplanes campanulatus</a>         |
| Ampullariella digitata         |       |   |
| refer to                       |       | <a href="#">Actinoplanes digitatis</a>            |
| Ampullariella lobata           |       |   |
| refer to                       |       | <a href="#">Actinoplanes lobatus</a>              |
| Ampullariella regularis        |       |   |
| refer to                       |       | <a href="#">Actinoplanes regularis</a>            |
| <b>Amycolata</b>               |       |   |
| Amycolata alni                 |       |   |
| refer to                       |       | <a href="#">Pseudonocardia alni</a>               |
| Amycolata autotrophica         |       |   |
| refer to                       |       | <a href="#">Pseudonocardia autotrophica</a>       |
| Amycolata hydrocarbonoxydans   |       |   |
| refer to                       |       | <a href="#">Pseudonocardia hydrocarbonoxydans</a> |
| Amycolata saturnea             |       |   |
| refer to                       |       | <a href="#">Pseudonocardia saturnea</a>           |
| <b>Amycolatopsis</b>           |       |   |
| Amycolatopsis alba             | 1     |   |
| Amycolatopsis albidoflavus     | 1     |   |
| Amycolatopsis azurea           | 1     |   |
| old name                       |       | Pseudonocardia azurea                             |
| Amycolatopsis balhimycina      | 1     |   |
| Amycolatopsis coloradensis     | 1     |   |

| Name   | Group | Remarks              |
|--|-------|----------------------|
| <i>Amycolatopsis decaplanina</i>   | 1     |                      |
| <i>Amycolatopsis eurytherma</i>  | 1     |                      |
| <i>Amycolatopsis fastidiosa</i>  | 1     |                      |
| <i>Amycolatopsis japonica</i>  | 1     |                      |
| <i>Amycolatopsis kentuckyensis</i>   | 1     |                      |
| <i>Amycolatopsis keratiniphila</i>   | 1     |                      |
| <i>Amycolatopsis keratiniphila</i> subsp. <i>keratiniphila</i>             | 2     |                      |
| <i>Amycolatopsis keratiniphila</i> subsp. <i>nogabecina</i>                | 2     |                      |
| <i>Amycolatopsis lexingtonensis</i>  | 1     |                      |
| <i>Amycolatopsis lurida</i>  | 1     |                      |
| <i>Amycolatopsis mediterranei</i><br>old name <i>Nocardia mediterranei</i> | 1     |                      |
| <i>Amycolatopsis methanolica</i>   | 1     |                      |
| <i>Amycolatopsis orientalis</i><br>old name <i>Nocardia orientalis</i>     | 1     |                      |
| <i>Amycolatopsis orientalis</i> subsp. <i>lurida</i>                       | 1     |                      |
| <i>Amycolatopsis orientalis</i> subsp. <i>orientalis</i>                   | 2     | <a href="#">PIIC</a> |
| <i>Amycolatopsis palatopharyngis</i>                                       | 2     |                      |
| <i>Amycolatopsis plumensis</i>   | 2     |                      |
| <i>Amycolatopsis rifamycinica</i>  | 1     |                      |
| <i>Amycolatopsis rubida</i>  | 1     |                      |
| <i>Amycolatopsis rugosa</i>  | 1     |                      |
| <i>Amycolatopsis sacchari</i>  | 1     |                      |
| <i>Amycolatopsis sulphurea</i>   | 1     |                      |
| <i>Amycolatopsis thermoflava</i>   | 1     |                      |
| <i>Amycolatopsis tolypomycina</i>  | 1     |                      |
| <i>Amycolatopsis vancoresmycina</i>  | 1     |                      |

**Anaeroarcus**

|                                |   |  |
|--------------------------------|---|--|
| <i>Anaeroarcus burkinensis</i> | 1 |  |
|--------------------------------|---|--|

**Anaerobacter**

|                                    |   |  |
|------------------------------------|---|--|
| <i>Anaerobacter polyendosporus</i> | 1 |  |
|------------------------------------|---|--|

**Anaerobaculum**

|                                     |   |  |
|-------------------------------------|---|--|
| <i>Anaerobaculum mobile</i>         | 1 |  |
| <i>Anaerobaculum thermoterrenum</i> | 1 |  |

**Anaerobiospirillum**

|  |   |  |
|--|---|--|
| <i>Anaerobiospirillum succiniciproducens</i> | 2 |  |
| <i>Anaerobiospirillum thomasi</i>            | 2 |  |

**Anaerobranca**

|                                    |   |  |
|------------------------------------|---|--|
| <i>Anaerobranca californiensis</i> | 1 |  |
| <i>Anaerobranca gottschalkii</i>   | 1 |  |
| <i>Anaerobranca horikoshii</i>     | 1 |  |

| Name                          | Group                | Remarks            |
|-------------------------------|----------------------|--------------------|
| <b>Anaerococcus</b>           |                      |                    |
| Anaerococcus hydrogenalis     | 1                    |                    |
| Anaerococcus lactolyticus     | 1                    |                    |
| Anaerococcus octavius         | 1                    |                    |
| Anaerococcus prevotii         | 1                    |                    |
| Anaerococcus tetradius        | 1                    |                    |
| Anaerococcus vaginalis        | 1                    |                    |
| <b>Anaerofilum</b>            |                      |                    |
| Anaerofilum agile             | 1                    |                    |
| Anaerofilum pentosovorans     | 1                    |                    |
| <b>Anaerolinea</b>            |                      |                    |
| Anaerolinea thermophila       | 1                    |                    |
| <b>Anaeromusa</b>             |                      |                    |
| Anaeromusa acidaminophila     | 1                    |                    |
| <b>Anaeromyxobacter</b>       |                      |                    |
| Anaeromyxobacter dehalogenans | 1                    |                    |
| <b>Anaerophaga</b>            |                      |                    |
| Anaerophaga thermohalophila   | 1                    |                    |
| <b>Anaeroplasma</b>           |                      |                    |
| Anaeroplasma abactoclasticum  | 1                    |                    |
| Anaeroplasma bactoclasticum   | 1                    |                    |
| Anaeroplasma intermedium      | 1                    |                    |
| Anaeroplasma varium           | 1                    |                    |
| <b>Anaerorhabdus</b>          |                      |                    |
| Anaerorhabdus furcosus        | 2                    |                    |
| old name                      | Bacteroides furcosus |                    |
| <b>Anaerovibrio</b>           |                      |                    |
| Anaerovibrio burkinabensis    | 1                    |                    |
| Anaerovibrio glycerini        | 1                    |                    |
| Anaerovibrio lipolyticus      | 1                    |                    |
| <b>Anaerovorax</b>            |                      |                    |
| Anaerovorax odorimutans       | 1                    |                    |
| <b>Anaplasma</b>              |                      |                    |
| Anaplasma bovis               | 2                    |                    |
| Anaplasma caudatum            | 2                    | <a href="#">PV</a> |
| Anaplasma centrale            | 2                    | <a href="#">PV</a> |
| Anaplasma marginale           | 2                    | <a href="#">PV</a> |
| Anaplasma ovis                | 2                    | <a href="#">PV</a> |

| Name  | Group | Remarks |
|---|-------|---------|
| Anaplasma phagocytophilum                               | 2     |         |
| Anaplasma platys  | 2     |         |
| <b>Ancalochloris</b>                                    |       |         |
| Ancalochloris perfilievii                               | 1     |         |
| <b>Ancalomicrobium</b>                                  |       |         |
| Ancalomicrobium adetum                                  | 1     |         |
| <b>Ancylobacter</b>                                     |       |         |
| Ancylobacter aquaticus                                  | 1     |         |
| old name                      Microcyclus aquaticus     |       |         |
| Ancylobacter rudongensis                                | 1     |         |
| <b>Aneurinibacillus</b>                                 |       |         |
| Aneurinibacillus aneurinilyticus                        | 1     |         |
| old name                      Bacillus aneurinilyticus  |       |         |
| Aneurinibacillus danicus                                | 1     |         |
| Aneurinibacillus migulanus                              | 1     |         |
| old name                      Bacillus migulanus        |       |         |
| Aneurinibacillus terranovensis                          | 1     |         |
| Aneurinibacillus thermoaerophilus                       | 1     |         |
| old name                      Bacillus thermoaerophilus |       |         |
| <b>Angiococcus</b>                                      |       |         |
| Angiococcus disciformis                                 | 1     |         |
| old name                      Myxococcus disciformis    |       |         |
| <b>Angulomicrobium</b>                                  |       |         |
| Angulomicrobium amanitifforme                           | 1     |         |
| Angulomicrobium tetraedrale                             | 1     |         |
| <b>Anoxybacillus</b>                                    |       |         |
| Anoxybacillus ayderensis                                | 1     |         |
| Anoxybacillus contaminans                               | 1     |         |
| Anoxybacillus flavithermus                              | 1     |         |
| Anoxybacillus gonensis                                  | 1     |         |
| Anoxybacillus kestanbolensis                            | 1     |         |
| Anoxybacillus pushchinoensis                            | 1     |         |
| Anoxybacillus voinovskiensis                            | 1     |         |
| <b>Antarctobacter</b>                                   |       |         |
| Antarctobacter heliothermus                             | 1     |         |
| <b>Aquabacter</b>                                       |       |         |
| Aquabacter spiritensis                                  | 1     |         |
| <b>Aquabacterium</b>                                    |       |         |
| Aquabacterium citratiphilum                             | 1     |         |
| Aquabacterium commune                                   | 1     |         |

| Name  | Group | Remarks |
|---|-------|---------|
| <i>Aquabacterium parvum</i>   | 1     |         |
| <i>Aquamicrobium defluvii</i>   | 1     |         |
| <b>Aquaspirillum</b>  |       |         |
| <i>Aquaspirillum anulus</i>   | 1     |         |
| <i>Aquaspirillum arcticum</i>   | 1     |         |
| <i>Aquaspirillum autotrophicum</i>  | 1     |         |
| <i>Aquaspirillum bengal</i><br>refer to <a href="#">Aquaspirillum serpens</a>                             |       |         |
| <i>Aquaspirillum delicatum</i>  | 1     |         |
| <i>Aquaspirillum dispar</i>   | 1     |         |
| <i>Aquaspirillum fasciculus</i><br>refer to <a href="#">Prolinoborus fasciculus</a>                       |       |         |
| <i>Aquaspirillum giesbergeri</i><br>refer to <a href="#">Aquaspirillum serpens</a>                        |       |         |
| <i>Aquaspirillum gracile</i><br>refer to <a href="#">Aquaspirillum serpens</a>                            |       |         |
| <i>Aquaspirillum itersonii</i>  | 1     |         |
| <i>Aquaspirillum itersonii</i> subsp. <i>itersonii</i><br>refer to <a href="#">Aquaspirillum serpens</a>  |       |         |
| <i>Aquaspirillum itersonii</i> subsp. <i>nipponicum</i><br>refer to <a href="#">Aquaspirillum serpens</a> |       |         |
| <i>Aquaspirillum magnetotacticum</i><br>refer to <a href="#">Magnetospirillum magnetotacticum</a>         |       |         |
| <i>Aquaspirillum metamorphum</i>  | 1     |         |
| <i>Aquaspirillum peregrinum</i>   | 1     |         |
| <i>Aquaspirillum peregrinum</i> subsp. <i>integrum</i>  | 1     |         |
| <i>Aquaspirillum peregrinum</i> subsp. <i>peregrinum</i>  | 1     |         |
| <i>Aquaspirillum polymorphum</i>  | 1     |         |
| <i>Aquaspirillum psychrophilum</i>  | 1     |         |
| <i>Aquaspirillum putridiconchylum</i>   | 1     |         |
| <i>Aquaspirillum serpens</i>  | 1     |         |
| lower priority synonym <i>Aquaspirillum bengal</i>  |       |         |
| lower priority synonym <i>Aquaspirillum giesbergeri</i>   |       |         |
| lower priority synonym <i>Aquaspirillum gracile</i>   |       |         |
| lower priority synonym <i>Aquaspirillum itersonii</i> subsp. <i>itersonii</i>                             |       |         |
| lower priority synonym <i>Aquaspirillum itersonii</i> subsp. <i>nipponicum</i>                            |       |         |
| <i>Aquaspirillum sinuosum</i>   | 1     |         |
| <b>Aquicella</b>  |       |         |
| <i>Aquicella lusitana</i>   | 1     |         |
| <i>Aquicella siphonis</i>   | 1     |         |

| Name   | Group | Remarks                                       |
|--|-------|---|
| <b>Aquifex</b>   |       |   |
| Aquifex pyrophilus   | 1     |   |
| <b>Arachnia</b>  |       |   |
| Arachnia propionica<br>refer to  |       | <a href="#">Propionibacterium propionicum</a> |
| <b>Arcanobacterium</b>   |       |   |
| Arcanobacterium bernardiae<br>old name Actinomyces bernardiae                                  | 2     |   |
| Arcanobacterium haemolyticum<br>old name Corynebacterium haemolyticum                          | 2     |   |
| Arcanobacterium hippocoleae  | 2     |   |
| Arcanobacterium phocae   | 2     | <a href="#">PV?</a>                           |
| Arcanobacterium pluranimalium  | 2     |   |
| Arcanobacterium pyogenes<br>old name Actinomyces pyogenes<br>old name Corynebacterium pyogenes | 2     |   |
| Corynebacterium haemolyticum<br>refer to   |       | <a href="#">Arcanobacterium haemolyticum</a>  |
| Corynebacterium pyogenes<br>refer to   |       | <a href="#">Arcanobacterium pyogenes</a>      |
| <b>Archaeoglobus</b>   |       |   |
| Archaeoglobus fulgidus   | 1     |   |
| Archaeoglobus profundus  | 1     |   |
| Archaeoglobus veneficus  | 1     |   |
| <b>Archangium</b>  |       |   |
| Archangium gephyra   | 1     |   |
| <b>Arcicella</b>   |       |   |
| Arcicella aquatica   | 1     |   |
| <b>Arcobacter</b>  |       |   |
| Arcobacter butzleri<br>old name Campylobacter butzleri   | 2     |   |
| Arcobacter cibarius  | 2     |   |
| Arcobacter cryaerophilus<br>old name Campylobacter cryaerophilus                               | 2     | <a href="#">PV</a>                            |
| Arcobacter halophilus  | 2     |   |
| Arcobacter nitrofigilis<br>old name Campylobacter nitrofigilis                                 | 2     |   |
| Arcobacter skirrowii   | 2     | <a href="#">PIIC PV</a>                       |
| <b>Arhodomonas</b>   |       |   |
| Arhodomonas aquaeolei  | 1     |   |
| <b>Arsenophonus</b>  |       |   |



| Name   | Group | Remarks            |
|--|-------|--------------------|
| Arsenophonus nasoniae                                      | 1     | <a href="#">PI</a> |
| <b>Arthrobacter</b>  |       |                    |
| Arthrobacter agilis  | 1     |                    |
| old name                      Micrococcus agilis           |       |                    |
| Arthrobacter albus   | 1     |                    |
| Arthrobacter arilaitensis                                  | 1     |                    |
| Arthrobacter atrocyaneus                                   | 1     |                    |
| Arthrobacter aurescens                                     | 1     |                    |
| Arthrobacter bergerei                                      | 1     |                    |
| Arthrobacter castelli                                      | 1     |                    |
| Arthrobacter chlorophenolicus                              | 1     |                    |
| Arthrobacter citreus                                       | 1     |                    |
| Arthrobacter creatinolyticus                               | 2     |                    |
| Arthrobacter crystallopoietes                              | 1     |                    |
| Arthrobacter cumminsii                                     | 2     |                    |
| Arthrobacter duodecadis                                    | 1     |                    |
| Arthrobacter flavescens                                    |       |                    |
| refer to <a href="#">Aureobacterium flavescens</a>         |       |                    |
| Arthrobacter flavus  | 2     |                    |
| Arthrobacter gangotriensis                                 | 2     |                    |
| Arthrobacter globiformis                                   | 1     |                    |
| Arthrobacter histidinovorans                               | 1     |                    |
| Arthrobacter ilicis  | 1     | <a href="#">PP</a> |
| old name                      Corynebacterium ilicis       |       |                    |
| Arthrobacter kerguelensis                                  | 1     |                    |
| Arthrobacter koreensis                                     | 2     |                    |
| Arthrobacter methylotrophus                                | 1     |                    |
| Arthrobacter mysorens                                      | 1     |                    |
| Arthrobacter nicotianae                                    | 1     |                    |
| Arthrobacter nicotinovorans                                | 1     |                    |
| Arthrobacter nitroguajacolicus                             | 1     |                    |
| Arthrobacter oxydans                                       | 1     |                    |
| Arthrobacter parietis                                      | 1     |                    |
| Arthrobacter pascens                                       | 1     |                    |
| Arthrobacter picolinophilus                                |       |                    |
| refer to <a href="#">Rhodococcus erythropolis</a>          |       |                    |
| Arthrobacter pigmenti                                      | 1     |                    |
| Arthrobacter polychromogenes                               | 1     |                    |
| Arthrobacter protophormiae                                 | 1     |                    |
| old name                      Brevibacterium protophormiae |       |                    |
| Arthrobacter psychrolactophilus                            | 1     |                    |
| Arthrobacter psychrophenolicus                             | 1     |                    |
| Arthrobacter radiotolerans                                 |       |                    |
| refer to <a href="#">Rubrobacter radiotolerans</a>         |       |                    |

| Name   | Group | Remarks |
|--|-------|---------|
| <i>Arthrobacter ramosus</i>  | 1     |         |
| <i>Arthrobacter rhombi</i>   | 1     |         |
| <i>Arthrobacter roseus</i>   | 1     |         |
| <i>Arthrobacter russicus</i>   | 1     |         |
| <i>Arthrobacter scleromae</i>  | 1     |         |
| <i>Arthrobacter siderocapsulatus</i>   | 1     |         |
| <i>Arthrobacter simplex</i><br>refer to <a href="#">Nocardioides simplex</a>                                       |       |         |
| <i>Arthrobacter sulfonivorans</i>  | 1     |         |
| <i>Arthrobacter sulfureus</i>  | 1     |         |
| <i>Arthrobacter tecti</i>  | 1     |         |
| <i>Arthrobacter terregens</i><br>refer to <a href="#">Aureobacterium terregens</a>                                 |       |         |
| <i>Arthrobacter tumbae</i>   | 1     |         |
| <i>Arthrobacter tumescens</i><br>refer to <a href="#">Terrabacter tumescens</a>                                    |       |         |
| <i>Arthrobacter uratoxydans</i>  | 1     |         |
| <i>Arthrobacter ureafaciens</i>  | 1     |         |
| <i>Arthrobacter variabilis</i><br>refer to <a href="#">Corynebacterium variable</a>                                |       |         |
| <i>Arthrobacter viscosus</i>   | 1     |         |
| <i>Arthrobacter woluwensis</i>   | 2     |         |
| <i>Corynebacterium ilicis</i><br>refer to <a href="#">Arthrobacter ilicis</a>                                      |       |         |
| <b>Asteroleplasma</b>  |       |         |
| <i>Asteroleplasma anaerobium</i>   | 1     |         |
| <b>Asticcacaulis</b>   |       |         |
| <i>Asticcacaulis biprosthecium</i>   | 1     |         |
| <i>Asticcacaulis excentricus</i>   | 1     |         |
| <i>Asticcacaulis taihuensis</i>  | 1     |         |
| <b>Atopobacter</b>   |       |         |
| <i>Atopobacter phocae</i>  | 2     |         |
| <b>Atopobium</b>   |       |         |
| <i>Atopobium fossor</i>  | 2     |         |
| <i>Atopobium minutum</i><br>old name <i>Lactobacillus minutus</i>  | 2     |         |
| <i>Atopobium parvulum</i><br>old name <i>Peptostreptococcus parvulus</i><br>old name <i>Streptococcus parvulus</i> | 2     |         |
| <i>Atopobium rimae</i><br>old name <i>Lactobacillus rimae</i>  | 2     |         |
| <i>Atopobium vaginae</i>   | 2     |         |

| Name   | Group | Remarks |
|--|-------|---------|
| <b>Aurantimonas</b>                                |       |         |
| Aurantimonas coralicida                            | 1     |         |
| <b>Aureobacterium</b>                              |       |         |
| Aureobacterium arabinogalactanolyticum             | 1     |         |
| Aureobacterium barkeri                             | 1     |         |
| Aureobacterium esteraromaticum                     | 1     |         |
| old name            Flavobacterium esteraromaticum |       |         |
| Aureobacterium flavescens                          | 1     |         |
| old name            Arthrobacter flavescens        |       |         |
| Aureobacterium keratanolyticum                     | 1     |         |
| Aureobacterium liquefaciens                        | 1     |         |
| Aureobacterium luteolum                            | 1     |         |
| Aureobacterium resistens                           | 1     |         |
| Aureobacterium saperdae                            | 1     |         |
| old name            Brevibacterium saperdae        |       |         |
| old name            Curtobacterium saperdae        |       |         |
| Aureobacterium schleiferi                          | 1     |         |
| Aureobacterium terrae                              | 1     |         |
| Aureobacterium terregens                           | 1     |         |
| old name            Arthrobacter terregens         |       |         |
| Aureobacterium testaceum                           | 1     |         |
| old name            Brevibacterium testaceum       |       |         |
| old name            Curtobacterium testaceum       |       |         |
| Aureobacterium trichothecenolyticum                | 1     |         |
| <b>Avibacterium</b>                                |       |         |
| Avibacterium avium                                 | 2     |         |
| Avibacterium gallinarum                            | 2     |         |
| Avibacterium paragallinarum                        | 2     |         |
| Avibacterium volantium                             | 2     |         |
| <b>Azoarcus</b>                                    |       |         |
| Azoarcus anaerobius                                | 1     |         |
| Azoarcus buckelii                                  | 1     |         |
| Azoarcus communis                                  | 1     |         |
| Azoarcus evansii                                   | 1     |         |
| Azoarcus indigenus                                 | 1     |         |
| Azoarcus toluclasticus                             | 1     |         |
| Azoarcus tolulyticus                               | 1     |         |
| Azoarcus toluvorans                                | 1     |         |
| <b>Azomonas</b>                                    |       |         |
| Azomonas agilis                                    | 1     |         |
| Azomonas insignis                                  | 1     |         |
| Azomonas macrocytogenes                            | 1     |         |
| old name            Azomonotrichon macrocytogenes  |       |         |

| Name                                      | Group  | Remarks |
|---|--|---------|
| old name                                  | Azotobacter macrocytogenes                       |         |
| <b>Azomonotrichon</b>                     |  |         |
| Azomonotrichon macrocytogenes             |  |         |
| refer to                                  | <a href="#">Azomonas macrocytogenes</a>          |         |
| <b>Azorhizobium</b>                       |  |         |
| Azorhizobium caulinodans                  |  | 1       |
| <b>Azorhizophilus</b>                     |  |         |
| Azorhizophilus paspali                    |  | 1       |
| old name                                  | Azotobacter paspali                              |         |
| <b>Azospira</b>                           |  |         |
| Azospira oryzae                           |  | 1       |
| <b>Azospirillum</b>                       |  |         |
| Azospirillum amazonense                   |  | 1       |
| Azospirillum brasilense                   |  | 1       |
| Azospirillum doebereineriae               |  | 1       |
| Azospirillum halopraeferens               |  | 1       |
| Azospirillum irakense                     |  | 1       |
| Azospirillum largimobile                  |  | 1       |
| old name                                  | Conglomeromonas largomobilis subsp. largomobilis |         |
| Azospirillum lipoferum                    |  | 1       |
| Azospirillum oryzae                       |  | 1       |
| <b>Azotobacter</b>                        |  |         |
| Azotobacter armeniacus                    |  | 1       |
| Azotobacter beijerinckii                  |  | 1       |
| Azotobacter chroococcum                   |  | 1       |
| Azotobacter macrocytogenes                |  |         |
| refer to                                  | <a href="#">Azomonas macrocytogenes</a>          |         |
| Azotobacter nigricans                     |  | 1       |
| Azotobacter nigricans subsp. achromogenes |  | 1       |
| Azotobacter nigricans subsp. nigricans    |  | 1       |
| Azotobacter paspali                       |  |         |
| refer to                                  | <a href="#">Azorhizophilus paspali</a>           |         |
| Azotobacter salinestrus                   |  | 1       |
| Azotobacter vinelandii                    |  | 1       |
| <b>Bacillus</b>                           |  |         |
| Bacillus acidicola                        |  | 1       |
| Bacillus acidocaldarius                   |  |         |
| refer to                                  | <a href="#">Alicyclobacillus acidocaldarius</a>  |         |
| Bacillus acidoterrestris                  |  |         |
| refer to                                  | <a href="#">Alicyclobacillus acidoterrestris</a> |         |
| Bacillus aeolius                          |  | 1       |

| Name                       | Group | Remarks  |
|----------------------------|-------|--|
| Bacillus agaradhaerens     | 1     |  |
| Bacillus agri              | 1     | <a href="#">PIIC</a>                             |
| modern name                |       | Brevibacillus agri                               |
| Bacillus agri              |       |  |
| refer to                   |       | <a href="#">Brevibacillus agri</a>               |
| Bacillus alcalophilus      | 1     |  |
| Bacillus algicola          | 1     |  |
| Bacillus alginolyticus     |       |  |
| refer to                   |       | <a href="#">Paenibacillus alginolyticus</a>      |
| Bacillus alveayuensis      | 1     |  |
| Bacillus alvei             |       |  |
| refer to                   |       | <a href="#">Paenibacillus alvei</a>              |
| Bacillus amyloliquefaciens | 1     |  |
| Bacillus amylolyticus      |       |  |
| refer to                   |       | <a href="#">Paenibacillus amylolyticus</a>       |
| Bacillus aneurinilyticus   |       |  |
| refer to                   |       | <a href="#">Aneurinibacillus aneurinilyticus</a> |
| Bacillus anthracis         | 3     |  |
| Bacillus aquimaris         | 1     |  |
| Bacillus arenosi           | 1     |  |
| Bacillus arseniciselenatis | 1     |  |
| Bacillus arsenicus         | 1     |  |
| Bacillus arvi              | 1     |  |
| Bacillus asahii            | 1     |  |
| Bacillus atropheus         | 1     | <a href="#">PIIC</a>                             |
| Bacillus azotofixans       |       |  |
| refer to                   |       | <a href="#">Paenibacillus azotofixans</a>        |
| Bacillus azotoformans      | 1     |  |
| Bacillus badius            | 1     |  |
| Bacillus barbaricus        | 1     |  |
| Bacillus bataviensis       | 1     |  |
| Bacillus benzoevorans      | 1     |  |
| Bacillus bogoriensis       | 1     |  |
| Bacillus borstelensis      |       |  |
| refer to                   |       | <a href="#">Brevibacillus borstelensis</a>       |
| Bacillus brevis            |       |  |
| refer to                   |       | <a href="#">Brevibacillus brevis</a>             |
| Bacillus carboniphilus     | 1     |  |
| Bacillus centrosporus      |       |  |
| refer to                   |       | <a href="#">Brevibacillus centrosporus</a>       |
| Bacillus cereus            | 2     | <a href="#">PP?</a> <a href="#">PV?</a>          |
| Bacillus chitinolyticus    | 1     |  |
| Bacillus chondroitinus     |       |  |
| refer to                   |       | <a href="#">Paenibacillus chondroitinus</a>      |
| Bacillus choshinensis      |       |  |

| Name  | Group | Remarks                  |
|---|-------|--------------------------|
| refer to <a href="#">Brevibacillus choshinensis</a>                                   |       |                          |
| Bacillus cibi   | 1     |                          |
| Bacillus circulans  | 2     | <a href="#">PIIC PP?</a> |
| Bacillus clarkii  | 1     |                          |
| Bacillus clausii  | 1     |                          |
| Bacillus coagulans  | 2     | <a href="#">PIIC</a>     |
| Bacillus cohnii   | 1     |                          |
| Bacillus curdlanolyticus<br>refer to <a href="#">Paenibacillus curdlanolyticus</a>    |       |                          |
| Bacillus cycloheptanicus<br>refer to <a href="#">Alicyclobacillus cycloheptanicus</a> |       |                          |
| Bacillus decolorationis   | 1     |                          |
| Bacillus dipsosauri   | 1     |                          |
| Bacillus drenthensis  | 1     |                          |
| Bacillus edaphicus  | 1     |                          |
| Bacillus ehimensis  | 1     |                          |
| Bacillus fastidiosus  | 1     |                          |
| Bacillus firmus   | 1     |                          |
| Bacillus flexus   | 1     |                          |
| Bacillus fordii   | 1     |                          |
| Bacillus formosus<br>refer to <a href="#">Brevibacillus formosus</a>                  |       |                          |
| Bacillus fumarioli  | 1     |                          |
| Bacillus funiculus  | 1     |                          |
| Bacillus fusiformis   | 1     |                          |
| Bacillus galactophilus  | 1     |                          |
| Bacillus galactophilus<br>refer to <a href="#">Brevibacillus agri</a>                 |       |                          |
| Bacillus galactosidilyticus   | 1     |                          |
| Bacillus gelatini   | 1     |                          |
| Bacillus gibsonii   | 1     |                          |
| Bacillus globisporus  | 1     |                          |
| Bacillus globisporus marinus<br>refer to <a href="#">Bacillus marinus</a>             |       |                          |
| Bacillus globisporus subsp. globisporus   | 1     |                          |
| Bacillus globisporus subsp. marinus   | 1     |                          |
| Bacillus glucanolyticus<br>refer to <a href="#">Paenibacillus glucanolyticus</a>      |       |                          |
| Bacillus gordonae<br>refer to <a href="#">Paenibacillus validus</a>                   |       |                          |
| Bacillus halmapalus   | 1     |                          |
| Bacillus haloalkaliphilus   | 1     |                          |
| Bacillus halodenitrificans  | 1     |                          |
| Bacillus halodurans   | 1     |                          |

| Name   | Group | Remarks                  |
|--|-------|--------------------------|
| Bacillus halophilus  | 1     |                          |
| Bacillus herbersteinensis  | 1     |                          |
| Bacillus horikoshii  | 1     |                          |
| Bacillus horti   | 1     |                          |
| Bacillus humi  | 1     |                          |
| Bacillus hwajinpoensis   | 1     |                          |
| Bacillus indicus   | 1     |                          |
| Bacillus infernus  | 1     |                          |
| Bacillus insolitus   | 1     |                          |
| Bacillus jeotgali  | 1     |                          |
| Bacillus kaustophilus  | 1     |                          |
| Bacillus kobensis<br>refer to <a href="#">Paenibacillus kobensis</a>           |       |                          |
| Bacillus laevolacticus   | 1     |                          |
| Bacillus larvae<br>refer to <a href="#">Paenibacillus larvae</a>               |       |                          |
| Bacillus laterosporus<br>refer to <a href="#">Brevibacillus laterosporus</a>   |       |                          |
| Bacillus lautus<br>refer to <a href="#">Paenibacillus lautus</a>               |       |                          |
| Bacillus lentimorbus   | 1     | <a href="#">PI</a>       |
| Bacillus lentus  | 1     |                          |
| Bacillus licheniformis   | 1     | <a href="#">PIIC PP?</a> |
| Bacillus litoralis   | 1     |                          |
| Bacillus luciferensis  | 1     |                          |
| Bacillus macerans<br>refer to <a href="#">Paenibacillus macerans</a>           |       |                          |
| Bacillus macquariensis<br>refer to <a href="#">Paenibacillus macquariensis</a> |       |                          |
| Bacillus marinus<br>old name Bacillus globisporus marinus                      | 1     |                          |
| Bacillus marisflavi  | 1     |                          |
| Bacillus marismortui   | 1     |                          |
| Bacillus megaterium  | 1     | <a href="#">PIIC PP?</a> |
| Bacillus methanolicus  | 1     |                          |
| Bacillus migulanus<br>refer to <a href="#">Aneurinibacillus migulanus</a>      |       |                          |
| Bacillus mojavensis  | 1     |                          |
| Bacillus mucilaginosus   | 1     |                          |
| Bacillus muralis   | 1     |                          |
| Bacillus mycoides  | 1     |                          |
| Bacillus naganoensis   | 1     |                          |
| Bacillus nealsonii   | 1     |                          |
| Bacillus niacini   | 1     |                          |

| Name   | Group | Remarks                                 |
|--|-------|---|
| Bacillus novalis   | 1     |   |
| Bacillus oleronius   | 1     |   |
| Bacillus oshimensis  | 1     |   |
| Bacillus pabuli<br>refer to <a href="#">Paenibacillus pabuli</a>                           |       |   |
| Bacillus pallidus  | 1     |   |
| Bacillus pantothenicus   | 1     |   |
| Bacillus parabrevis<br>refer to <a href="#">Brevibacillus parabrevis</a>                   |       |   |
| Bacillus pasteurii   | 1     |   |
| Bacillus peoriae<br>refer to <a href="#">Paenibacillus peoriae</a>                         |       |   |
| Bacillus polymyxa<br>refer to <a href="#">Paenibacillus polymyxa</a>                       |       |   |
| Bacillus popilliae   | 1     | <a href="#">PI</a>                      |
| Bacillus pseudocaliphilus  | 1     |   |
| Bacillus pseudofirmus  | 1     |   |
| Bacillus pseudomycooides   | 2     |   |
| Bacillus psychrodurans   | 1     |   |
| Bacillus psychrophilus   | 1     |   |
| Bacillus psychrosaccharolyticus  | 1     |   |
| Bacillus psychrotolerans   | 1     |   |
| Bacillus pulvifaciens<br>refer to <a href="#">Paenibacillus larvae subsp. pulvifaciens</a> |       |   |
| Bacillus pumilus   | 1     | <a href="#">PIIC</a>                    |
| Bacillus reuszeri<br>refer to <a href="#">Brevibacillus reuszeri</a>                       |       |   |
| Bacillus salexigens  | 1     |   |
| Bacillus saliphilus  | 1     |   |
| Bacillus schlegelii  | 1     |   |
| Bacillus selenitireducens  | 1     |   |
| Bacillus shackletonii  | 1     |   |
| Bacillus silvestris  | 1     |   |
| Bacillus simplex   | 1     |   |
| Bacillus siralis   | 1     |   |
| Bacillus smithii   | 1     |   |
| Bacillus soli  | 1     |   |
| Bacillus sonorensis  | 1     |   |
| Bacillus sphaericus  | 1     | <a href="#">PI</a> <a href="#">PIIC</a> |
| Bacillus sporothermodurans   | 1     |   |
| Bacillus stearothermophilus  | 1     |   |
| Bacillus subterraneus  | 1     |   |
| Bacillus subtilis  | 1     | <a href="#">PIIC</a>                    |
| Bacillus subtilis subsp. spizizenii  | 1     | <a href="#">PIIC</a>                    |



| Name  | Group | Remarks                                 |
|---|-------|---|
| Bacillus subtilis subsp. subtilis   | 1     | <a href="#">PIIC</a>                    |
| Bacillus thermantarcticus   | 1     |   |
| Bacillus thermoaerophilus<br>refer to <a href="#">Aneurinibacillus thermoaerophilus</a> |       |   |
| Bacillus thermoamylovorans  | 1     |   |
| Bacillus thermocatenulatus  | 1     |   |
| Bacillus thermocloacae  | 1     |   |
| Bacillus thermocloaceae   | 1     |   |
| Bacillus thermodenitrificans  | 1     |   |
| Bacillus thermoglucosidasius  | 1     |   |
| Bacillus thermoleovorans  | 1     |   |
| Bacillus thermoruber<br>refer to <a href="#">Brevibacillus thermoruber</a>              |       |   |
| Bacillus thermosphaericus   | 1     |   |
| Bacillus thiaminolyticus<br>refer to <a href="#">Paenibacillus thiaminolyticus</a>      |       |   |
| Bacillus thuringiensis  | 1     | <a href="#">PI</a> <a href="#">PIIC</a> |
| Bacillus tusciae  | 1     |   |
| Bacillus validus<br>refer to <a href="#">Paenibacillus validus</a>                      |       |   |
| Bacillus vallismortis   | 1     |   |
| Bacillus vedderi  | 1     |   |
| Bacillus velezensis   | 1     |   |
| Bacillus vietnamensis   | 1     |   |
| Bacillus vireti   | 1     |   |
| Bacillus weihenstephanensis   | 1     |   |

### Bacterionema

|  |  |  |
|--|--|--|
| Bacterionema matruchotii<br>refer to <a href="#">Corynebacterium matruchotii</a> |  |  |
|--|--|--|

### Bacteriovorax

|                         |   |  |
|-------------------------|---|--|
| Bacteriovorax litoralis | 1 |  |
| Bacteriovorax marinus   | 1 |  |
| Bacteriovorax starrii   | 1 |  |

### Bacteroides

|  |   |  |
|--|---|--|
| Bacteroides amylophilus<br>refer to <a href="#">Ruminobacter amylophilus</a> |   |  |
| Bacteroides bivius   | 2 |  |
| Bacteroides bivius<br>refer to <a href="#">Prevotella bivia</a>              |   |  |
| Bacteroides buccae<br>refer to <a href="#">Prevotella buccae</a>             |   |  |
| Bacteroides buccalis<br>refer to <a href="#">Prevotella buccalis</a>         |   |  |

| Name   | Group | Remarks              |
|--|-------|----------------------|
| Bacteroides caccae   | 2     |                      |
| Bacteroides capillosus   | 2     |                      |
| Bacteroides capillus<br>refer to <a href="#">Prevotella buccae</a>                               |       |                      |
| Bacteroides cellulosolvens   | 1     |                      |
| Bacteroides coagulans  | 2     |                      |
| Bacteroides corporis<br>refer to <a href="#">Prevotella corporis</a>                             |       |                      |
| Bacteroides denticola<br>refer to <a href="#">Prevotella denticola</a>                           |       |                      |
| Bacteroides disiens<br>refer to <a href="#">Prevotella disiens</a>                               |       |                      |
| Bacteroides distasonis   | 2     |                      |
| Bacteroides eggerthii  | 2     |                      |
| Bacteroides endodontalis<br>refer to <a href="#">Porphyromonas endodontalis</a>                  |       |                      |
| Bacteroides forsythus  | 2     |                      |
| Bacteroides fragilis   | 2     | <a href="#">TA</a>   |
| Bacteroides furcosus<br>refer to <a href="#">Anaerorhabdus furcosus</a>                          |       |                      |
| Bacteroides galacturonicus   | 2     | <a href="#">PIIC</a> |
| Bacteroides gingivalis<br>refer to <a href="#">Porphyromonas gingivalis</a>                      |       |                      |
| Bacteroides gracilis<br>refer to <a href="#">Campylobacter gracilis</a>                          |       |                      |
| Bacteroides helcogenes   | 2     | <a href="#">PV</a>   |
| Bacteroides heparinolyticus<br>refer to <a href="#">Prevotella heparinolytica</a>                |       |                      |
| Bacteroides hypermegalalis<br>refer to <a href="#">Megamonas hypermegale</a>                     |       |                      |
| Bacteroides intermedius<br>refer to <a href="#">Prevotella intermedia</a>                        |       |                      |
| Bacteroides levii<br>refer to <a href="#">Porphyromonas levii</a>                                |       |                      |
| Bacteroides loescheii<br>refer to <a href="#">Prevotella loescheii</a>                           |       |                      |
| Bacteroides macacae<br>refer to <a href="#">Porphyromonas macacae</a>                            |       |                      |
| Bacteroides massiliensis   | 2     |                      |
| Bacteroides melaninogenicus<br>refer to <a href="#">Prevotella melaninogenica</a>                |       |                      |
| Bacteroides melaninogenicus subsp. macacae<br>refer to <a href="#">Porphyromonas macacae</a>     |       |                      |
| Bacteroides melaninogenicus subsp. intermedius<br>refer to <a href="#">Prevotella intermedia</a> |       |                      |
| Bacteroides melaninogenicus subsp. melaninogenicus   |       |                      |

| Name  | Group | Remarks              |
|---|-------|----------------------|
| refer to <a href="#">Prevotella melaninogenica</a>                    |       |                      |
| Bacteroides merdae  | 2     | <a href="#">PIIC</a> |
| Bacteroides microfusum  |       |                      |
| refer to <a href="#">Rikenella microfusum</a>                         |       |                      |
| Bacteroides multiacidus   |       |                      |
| refer to <a href="#">Mitsuokella multiacida</a>                       |       |                      |
| Bacteroides nodosus   |       |                      |
| refer to <a href="#">Dichelobacter nodosus</a>                        |       |                      |
| Bacteroides nordii  | 2     |                      |
| Bacteroides ochraceus   |       |                      |
| refer to <a href="#">Capnocytophaga ochracea</a>                      |       |                      |
| Bacteroides oralis  |       |                      |
| refer to <a href="#">Prevotella oralis</a>                            |       |                      |
| Bacteroides oris  |       |                      |
| refer to <a href="#">Prevotella oris</a>                              |       |                      |
| Bacteroides oulorum   |       |                      |
| refer to <a href="#">Prevotella oulorum</a>                           |       |                      |
| Bacteroides ovatus  | 2     |                      |
| Bacteroides pectinophilus   | 1     | <a href="#">PIIC</a> |
| Bacteroides pentosaceus   |       |                      |
| refer to <a href="#">Prevotella buccae</a>                            |       |                      |
| Bacteroides plebeius  | 2     |                      |
| Bacteroides pneumosintes  |       |                      |
| refer to <a href="#">Dialister pneumosintes</a>                       |       |                      |
| Bacteroides polypragmatus   | 1     |                      |
| Bacteroides praeacutus  |       |                      |
| refer to <a href="#">Tissierella praeacuta</a>                        |       |                      |
| Bacteroides putredinis  | 2     |                      |
| Bacteroides pyogenes  | 2     | <a href="#">PV</a>   |
| Bacteroides ruminicola  |       |                      |
| refer to <a href="#">Prevotella brevis</a>                            |       |                      |
| Bacteroides ruminicola subsp. brevis                                  |       |                      |
| refer to <a href="#">Prevotella brevis</a>                            |       |                      |
| Bacteroides ruminicola subsp. ruminicola                              |       |                      |
| refer to <a href="#">Prevotella ruminicola</a>                        |       |                      |
| Bacteroides salivus   |       |                      |
| refer to <a href="#">Porphyromonas macacae</a>                        |       |                      |
| Bacteroides splanchnicus  | 2     |                      |
| Bacteroides stercoris   | 2     |                      |
| Bacteroides succinogenes  |       |                      |
| refer to <a href="#">Fibrobacter succinogenes subsp. succinogenes</a> |       |                      |
| Bacteroides suis  | 2     | <a href="#">PV</a>   |
| Bacteroides tectus  | 2     | <a href="#">PV</a>   |
| Bacteroides termitidis  |       |                      |
| refer to <a href="#">Sebaldella termitidis</a>                        |       |                      |
| Bacteroides thetaiotaomicron  | 2     |                      |

| Name   | Group | Remarks              |
|--|-------|----------------------|
| Bacteroides uniformis  | 2     |                      |
| Bacteroides ureolyticus  | 2     |                      |
| Bacteroides veroralis<br>refer to <a href="#">Prevotella veroralis</a>               |       |                      |
| Bacteroides vulgatus   | 2     | <a href="#">PIIC</a> |
| Bacteroides xyloxyticus  | 1     |                      |
| Bacteroides zooglyphiformans<br>refer to <a href="#">Prevotella zooglyphiformans</a> |       |                      |
| <b>Bactoderma</b>  |       |                      |
| Bactoderma alba  | 1     |                      |
| Bactoderma rosea   | 1     |                      |
| <b>Balneatrix</b>  |       |                      |
| Balneatrix alpica  | 2     |                      |
| <b>Balneimonas</b>   |       |                      |
| Balneimonas flocculans   | 2     |                      |
| <b>Bartonella</b>  |       |                      |
| Bartonella alsatica  | 2     |                      |
| Bartonella bacilliformis   | 2     |                      |
| Bartonella birtlesii   | 2     |                      |
| Bartonella bovis   | 2     |                      |
| Bartonella capreoli  | 2     |                      |
| Bartonella chomelii  | 2     |                      |
| Bartonella clarridgeiae  | 2     |                      |
| Bartonella doshiae   | 2     | <a href="#">PV</a>   |
| Bartonella elizabethae<br>old name <i>Rochalimaea elizabethae</i>                    | 2     |                      |
| Bartonella grahamii  | 2     | <a href="#">PV</a>   |
| Bartonella henselae<br>old name <i>Rochalimaea henselae</i>                          | 2     |                      |
| Bartonella koehlerae   | 2     |                      |
| Bartonella peromysci<br>old name <i>Grahamella peromysci</i>                         | 2     | <a href="#">PV</a>   |
| Bartonella quintana<br>old name <i>Rochalimaea quintana</i>                          | 2     |                      |
| Bartonella schoenbuchensis   | 2     |                      |
| Bartonella talpae<br>old name <i>Grahamella talpae</i>                               | 2     | <a href="#">PV</a>   |
| Bartonella taylorii  | 2     | <a href="#">PV</a>   |
| Bartonella tribocorum  | 2     |                      |
| Bartonella vinsonii<br>old name <i>Rochalimaea vinsonii</i>                          | 2     | <a href="#">PV</a>   |
| Bartonella vinsonii subsp. berkhoffii  | 2     | <a href="#">PV</a>   |

| Name   | Group | Remarks            |
|--|-------|--------------------|
| <i>Bartonella vinsonii</i> subsp. <i>vinsonii</i>                                    | 2     | <a href="#">PV</a> |
| <b>Bdellovibrio</b>  |       |                    |
| <i>Bdellovibrio bacteriovorus</i>  | 1     |                    |
| <i>Bdellovibrio starrii</i>  | 1     |                    |
| <i>Bdellovibrio stolpii</i>  | 1     |                    |
| <b>Beggiatoa</b>   |       |                    |
| <i>Beggiatoa alba</i>  | 1     |                    |
| <b>Beijerinckia</b>  |       |                    |
| <i>Beijerinckia derxii</i>   | 1     |                    |
| <i>Beijerinckia derxii</i> subsp. <i>derxii</i>                                      | 1     |                    |
| <i>Beijerinckia derxii</i> subsp. <i>venezuelae</i>                                  | 1     |                    |
| <i>Beijerinckia fluminensis</i>  | 1     |                    |
| <i>Beijerinckia indica</i>   | 1     |                    |
| <i>Beijerinckia indica</i> subsp. <i>indica</i>                                      | 1     |                    |
| <i>Beijerinckia indica</i> subsp. <i>lactiogenes</i>                                 | 1     |                    |
| <i>Beijerinckia mobilis</i>  | 1     |                    |
| <b>Beneckea</b>  |       |                    |
| <i>Beneckea alginolytica</i><br>equal synonym <i>Vibrio alginolyticus</i>            | 2     | <a href="#">TA</a> |
| <i>Beneckea alginolytica</i><br>refer to <a href="#">Vibrio alginolyticus</a>        |       |                    |
| <i>Beneckea campbellii</i><br>refer to <a href="#">Vibrio campbellii</a>             |       |                    |
| <i>Beneckea harveyi</i><br>refer to <a href="#">Vibrio harveyi</a>                   |       |                    |
| <i>Beneckea natriegens</i><br>refer to <a href="#">Vibrio natriegens</a>             |       |                    |
| <i>Beneckea nereis</i><br>refer to <a href="#">Vibrio nereis</a>                     |       |                    |
| <i>Beneckea nigripulchritudo</i><br>refer to <a href="#">Vibrio nigripulchritudo</a> |       |                    |
| <i>Beneckea parahaemolytica</i><br>equal synonym <i>Vibrio parahaemolyticus</i>      | 2     |                    |
| <i>Beneckea parahaemolytica</i><br>refer to <a href="#">Vibrio parahaemolyticus</a>  |       |                    |
| <i>Beneckea pelagia</i><br>refer to <a href="#">Listonella pelagia</a>               |       |                    |
| <i>Beneckea splendida</i><br>refer to <a href="#">Vibrio splendidus</a>              |       |                    |
| <i>Beneckea vulnifica</i><br>refer to <a href="#">Vibrio vulnificus</a>              |       |                    |
| <b>Bergeyella</b>  |       |                    |
| <i>Bergeyella zoohelcum</i>  | 2     |                    |

| Name   |  | Group | Remarks              |
|--|--|-------|----------------------|
| old name   | Weeksella zoohelcum  |       |                      |
| <b>Bifidobacterium</b>                           |  |       |                      |
| Bifidobacterium adolescentis                     |  | 1     | <a href="#">PIIC</a> |
| Bifidobacterium angulatum                        |  | 1     |                      |
| Bifidobacterium animalis                         |  | 1     |                      |
| Bifidobacterium animalis subsp. animalis         |  | 1     |                      |
| Bifidobacterium animalis subsp. lactis           |  | 1     |                      |
| Bifidobacterium asteroides                       |  | 1     |                      |
| Bifidobacterium bifidum                          |  | 1     |                      |
| Bifidobacterium boum                             |  | 1     |                      |
| Bifidobacterium breve                            |  | 1     | <a href="#">PIIC</a> |
| Bifidobacterium catenulatum                      |  | 1     |                      |
| Bifidobacterium choerinum                        |  | 1     |                      |
| Bifidobacterium coryneforme                      |  | 1     |                      |
| Bifidobacterium cuniculi                         |  | 1     |                      |
| Bifidobacterium denticolens                      |  | 2     | <a href="#">PIIC</a> |
| Bifidobacterium dentium                          |  | 2     |                      |
| Bifidobacterium gallicum                         |  | 1     |                      |
| Bifidobacterium gallinarum                       |  | 1     |                      |
| Bifidobacterium globosum                         |  |       |                      |
| refer to   | <a href="#">Bifidobacterium pseudolongum subsp. globosum</a> |       |                      |
| Bifidobacterium indicum                          |  | 1     |                      |
| Bifidobacterium infantis                         |  | 1     |                      |
| Bifidobacterium inopinatum                       |  | 2     | <a href="#">PIIC</a> |
| 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     |  | 1     |                      |
| old name   | Bifidobacterium globosum                                     |       |                      |
| Bifidobacterium pseudolongum subsp. pseudolongum |  | 1     |                      |
| Bifidobacterium psychraerophilum                 |  | 1     |                      |
| Bifidobacterium pullorum                         |  | 1     |                      |
| Bifidobacterium ruminantium                      |  | 1     |                      |
| Bifidobacterium saeculare                        |  | 1     |                      |
| Bifidobacterium scardovii                        |  | 1     |                      |
| Bifidobacterium subtile                          |  | 1     |                      |
| Bifidobacterium suis                             |  | 1     |                      |
| Bifidobacterium thermacidophilum                 |  | 1     |                      |
| Bifidobacterium thermacidophilum subsp. porcinum |  | 1     |                      |

| Name  | Group | Remarks            |
|---|-------|--------------------|
| Bifidobacterium thermophilum  | 1     |                    |
| <b>Bilophila</b>  |       |                    |
| Bilophila wadsworthia   | 2     |                    |
| <b>Bizionia</b>   |       |                    |
| Bizionia saleffrena   | 1     |                    |
| <b>Blastobacter</b>   |       |                    |
| Blastobacter aggregatus   | 1     |                    |
| Blastobacter capsulatus   | 1     |                    |
| Blastobacter denitrificans  | 1     |                    |
| Blastobacter henricii   | 1     |                    |
| Blastobacter natatorius<br>refer to <a href="#">Blastomonas natatoria</a> |       |                    |
| <b>Blastochloris</b>  |       |                    |
| Blastochloris sulfoviridis<br>old name Rhodopseudomonas sulfoviridis      | 1     |                    |
| Blastochloris viridis<br>old name Rhodopseudomonas viridis                | 1     |                    |
| <b>Blastococcus</b>   |       |                    |
| Blastococcus aggregatus   | 1     |                    |
| Blastococcus saxobsidens  | 1     |                    |
| <b>Blastomonas</b>  |       |                    |
| Blastomonas natatoria<br>old name Blastobacter natatorius                 | 1     |                    |
| <b>Blattabacterium</b>  |       |                    |
| Blattabacterium cuenoti   | 1     |                    |
| <b>Bogoriella</b>   |       |                    |
| Bogoriella caseilytica  | 1     |                    |
| <b>Bordetella</b>   |       |                    |
| Bordetella avium  | 2     | <a href="#">PV</a> |
| Bordetella bronchiseptica   | 2     |                    |
| Bordetella hinzii   | 2     |                    |
| Bordetella holmesii   | 2     |                    |
| Bordetella parapertussis  | 2     |                    |
| Bordetella pertussis  | 2     |                    |
| Bordetella petrii   | 2     |                    |
| Bordetella trematum   | 2     |                    |
| <b>Borrelia</b>   |       |                    |
| Borrelia afzelii  | 2     |                    |
| Borrelia anserina   | 2     |                    |

| Name                   | Group | Remarks              |
|------------------------|-------|----------------------|
| Borrelia baltazardii   | 2     |                      |
| Borrelia brasiliensis  | 2     | <a href="#">PV</a>   |
| Borrelia burgdorferi   | 2     |                      |
| Borrelia caucasica     | 2     |                      |
| Borrelia coriaceae     | 2     | <a href="#">PV</a>   |
| Borrelia crocidurae    | 2     |                      |
| Borrelia dugesii       | 2     | <a href="#">PV</a>   |
| Borrelia duttonii      | 2     |                      |
| Borrelia garinii       | 2     |                      |
| Borrelia graingeri     | 2     |                      |
| Borrelia harveyi       | 2     | <a href="#">PV</a>   |
| Borrelia hermsii       | 2     |                      |
| Borrelia hispanica     | 2     |                      |
| Borrelia japonica      | 2     | <a href="#">PIIC</a> |
| Borrelia latyschewii   | 2     |                      |
| Borrelia lusitaniae    | 2     |                      |
| Borrelia mazzottii     | 2     |                      |
| Borrelia miyamotoi     | 2     |                      |
| Borrelia parkeri       | 2     |                      |
| Borrelia persica       | 2     |                      |
| Borrelia recurrentis   | 2     |                      |
| Borrelia sinica        | 2     |                      |
| Borrelia tanukii       | 2     | <a href="#">PV</a>   |
| Borrelia theileri      | 2     | <a href="#">PV</a>   |
| Borrelia tillae        | 2     | <a href="#">PV</a>   |
| Borrelia turcica       | 2     |                      |
| Borrelia turdi         | 2     | <a href="#">PV</a>   |
| Borrelia turicatae     | 2     |                      |
| Borrelia valaisiana    | 2     |                      |
| Borrelia venezuelensis | 2     |                      |

**Bosea**

|                       |   |
|-----------------------|---|
| Bosea eneeae          | 1 |
| Bosea massiliensis    | 1 |
| Bosea minatitlanensis | 1 |
| Bosea thiooxidans     | 1 |

**Brachybacterium**

|                               |   |
|-------------------------------|---|
| Brachybacterium alimentarium  | 1 |
| Brachybacterium conglomeratum | 1 |
| Brachybacterium faecium       | 1 |
| Brachybacterium fresconis     | 1 |
| Brachybacterium muris         | 1 |
| Brachybacterium nesterenkovi  | 1 |



| Name  | Group | Remarks              |
|---|-------|----------------------|
| Brachybacterium paraconglomeratum   | 1     |                      |
| Brachybacterium rhamnosum   | 1     |                      |
| Brachybacterium sacelli   | 1     |                      |
| Brachybacterium tyrofermentans  | 1     |                      |
| <b>Brachymonas</b>  |       |                      |
| Brachymonas denitrificans   | 1     |                      |
| <b>Brachyspira</b>  |       |                      |
| Brachyspira aalborgi  | 2     |                      |
| Brachyspira alvinipulli   | 2     |                      |
| Brachyspira hyodysenteriae  | 2     |                      |
| Brachyspira innocens  | 2     |                      |
| Brachyspira pilosicoli  | 2     |                      |
| <b>Bradyrhizobium</b>   |       |                      |
| Bradyrhizobium betae  | 1     |                      |
| Bradyrhizobium canariense   | 1     |                      |
| Bradyrhizobium elkanii  | 1     |                      |
| Bradyrhizobium japonicum<br>old name Rhizobium japonicum                        | 1     |                      |
| Bradyrhizobium liaoningense   | 1     |                      |
| Bradyrhizobium yuanmingense   | 1     |                      |
| <b>Brenneria</b>  |       |                      |
| Brenneria alni  | 1     |                      |
| Brenneria nigrifluens   | 1     |                      |
| Brenneria paradisiaca   | 1     |                      |
| Brenneria quercina  | 1     |                      |
| Brenneria rubrifaciens  | 1     |                      |
| Brenneria salicis   | 1     |                      |
| <b>Brevibacillus</b>  |       |                      |
| Brevibacillus agri<br>refer to <a href="#">Bacillus agri</a>                    |       |                      |
| Brevibacillus agri<br>old name Bacillus agri<br>old name Bacillus galactophilus | 1     | <a href="#">PIIC</a> |
| Brevibacillus borstelensis<br>old name Bacillus borstelensis                    | 1     |                      |
| Brevibacillus brevis<br>old name Bacillus brevis                                | 1     | <a href="#">PIIC</a> |
| Brevibacillus centrosporus<br>old name Bacillus centrosporus                    | 1     |                      |
| Brevibacillus choshinensis<br>old name Bacillus choshinensis                    | 1     |                      |
| Brevibacillus formosus  | 1     |                      |

| Name     |                            | Group | Remarks |
|----------|----------------------------|-------|---------|
| old name | Bacillus formosus          |       |         |
|          | Brevibacillus invocatus    | 1     |         |
|          | Brevibacillus laterosporus | 1     |         |
| old name | Bacillus laterosporus      |       |         |
|          | Brevibacillus levickii     | 1     |         |
|          | Brevibacillus limnophilus  | 1     |         |
|          | Brevibacillus parabrevis   | 1     |         |
| old name | Bacillus parabrevis        |       |         |
|          | Brevibacillus reuszeri     | 1     |         |
| old name | Bacillus reuszeri          |       |         |
|          | Brevibacillus thermoruber  | 1     |         |
| old name | Bacillus thermoruber       |       |         |

### Brevibacterium

|               |  |   |      |
|---------------|--|---|------|
|               | Brevibacterium acetylicum                    |   |      |
| refer to      | <a href="#">Exiguobacterium acetylicum</a>   |   |      |
|               | Brevibacterium albidum                       | 1 |      |
| equal synonym | Curtobacterium albidum                       |   |      |
|               | Brevibacterium albidum                       |   |      |
| refer to      | <a href="#">Curtobacterium albidum</a>       |   |      |
|               | Brevibacterium ammoniagenes                  |   |      |
| refer to      | <a href="#">Corynebacterium ammoniagenes</a> |   |      |
|               | Brevibacterium antiquum                      | 1 |      |
|               | Brevibacterium aurantiacum                   | 2 |      |
|               | Brevibacterium avium                         | 2 |      |
|               | Brevibacterium casei                         | 2 | PIIC |
|               | Brevibacterium citreum                       | 1 |      |
| equal synonym | Curtobacterium citreum                       |   |      |
|               | Brevibacterium citreum                       |   |      |
| refer to      | <a href="#">Curtobacterium citreum</a>       |   |      |
|               | Brevibacterium divaricatum                   |   |      |
| refer to      | <a href="#">Corynebacterium glutamicum</a>   |   |      |
|               | Brevibacterium epidermidis                   | 1 | PIIC |
|               | Brevibacterium fermentans                    |   |      |
| refer to      | <a href="#">Cellulomonas cellulans</a>       |   |      |
|               | Brevibacterium flavum                        |   |      |
| refer to      | <a href="#">Corynebacterium glutamicum</a>   |   |      |
|               | Brevibacterium frigoritolerans               | 1 |      |
|               | Brevibacterium halotolerans                  | 1 |      |
|               | Brevibacterium imperiale                     |   |      |
| refer to      | <a href="#">Microbacterium imperiale</a>     |   |      |
|               | Brevibacterium incertum                      | 1 |      |
|               | Brevibacterium iodinum                       | 1 |      |
|               | Brevibacterium lactofermentum                |   |      |
| refer to      | <a href="#">Corynebacterium glutamicum</a>   |   |      |
|               | Brevibacterium linens                        | 1 |      |

| Name   | Group | Remarks |
|--|-------|---------|
| Brevibacterium liquefaciens  | 1     |         |
| Brevibacterium luteolum  | 1     |         |
| Brevibacterium luteum<br>equal synonym Curtobacterium luteum                         | 1     |         |
| Brevibacterium luteum<br>refer to <a href="#">Curtobacterium luteum</a>              |       |         |
| Brevibacterium lyticum<br>refer to <a href="#">Cellulomonas cellulans</a>            |       |         |
| Brevibacterium mcbrellneri   | 2     |         |
| Brevibacterium otitidis  | 2     |         |
| Brevibacterium oxydans   | 1     |         |
| Brevibacterium paucivorans   | 2     |         |
| Brevibacterium permense  | 2     |         |
| Brevibacterium protophormiae<br>refer to <a href="#">Arthrobacter protophormiae</a>  |       |         |
| Brevibacterium pusillum<br>equal synonym Curtobacterium pusillum                     | 1     |         |
| Brevibacterium pusillum<br>refer to <a href="#">Curtobacterium pusillum</a>          |       |         |
| Brevibacterium sanguinis   | 2     |         |
| Brevibacterium saperdae<br>refer to <a href="#">Aureobacterium saperdae</a>          |       |         |
| Brevibacterium stationis   | 1     |         |
| Brevibacterium testaceum<br>refer to <a href="#">Aureobacterium testaceum</a>        |       |         |
| Brevibacterium vitaeruminis<br>refer to <a href="#">Corynebacterium vitaeruminis</a> |       |         |

### Brevinema

|                      |   |                    |
|----------------------|---|--------------------|
| Brevinema andersonii | 2 | <a href="#">PV</a> |
|----------------------|---|--------------------|

### Brevundimonas

|   |   |                      |
|---|---|----------------------|
| Brevundimonas alba  | 1 |                      |
| Brevundimonas aurantiaca                                      | 1 |                      |
| Brevundimonas bacterioides                                    | 1 |                      |
| Brevundimonas bacteroides                                     | 1 |                      |
| Brevundimonas diminuta<br>old name Pseudomonas diminuta       | 2 |                      |
| Brevundimonas intermedia                                      | 1 |                      |
| Brevundimonas vesicularis<br>old name Pseudomonas vesicularis | 2 | <a href="#">PIIC</a> |

### Brochothrix

|                           |   |  |
|---------------------------|---|--|
| Brochothrix campestris    | 1 |  |
| Brochothrix thermosphacta | 1 |  |

### Brucella

| Name  | Group | Remarks                                 |
|---|-------|---|
| <i>Brucella melitensis</i>                      | 3     |   |
| <b>Buchnera</b>                                 |       |   |
| <i>Buchnera aphidicola</i>                      | 1     |   |
| <b>Budvicia</b>                                 |       |   |
| <i>Budvicia aquatica</i>                        | 1     |   |
| <b>Burkholderia</b>                             |       |   |
| <i>Burkholderia andropogonis</i>                | 2     | <a href="#">PP</a>                      |
| old name <i>Pseudomonas andropogonis</i>        |       |   |
| <i>Burkholderia anthina</i>                     | 2     |   |
| <i>Burkholderia caledonica</i>                  | 2     |   |
| <i>Burkholderia caribensis</i>                  | 2     |   |
| <i>Burkholderia caryophylli</i>                 | 2     | <a href="#">PP</a> <a href="#">QUA</a>  |
| old name <i>Pseudomonas caryophylli</i>         |       |   |
| <i>Burkholderia cenocepacia</i>                 | 2     |   |
| <i>Burkholderia cepacia</i>                     | 2     | <a href="#">PP</a> <a href="#">TA</a>   |
| old name <i>Pseudomonas cepacia</i>             |       |   |
| <i>Burkholderia cocovenenans</i>                | 2     |   |
| old name <i>Pseudomonas cocovenenans</i>        |       |   |
| <i>Burkholderia gladioli</i>                    | 2     | <a href="#">PIIC</a> <a href="#">PP</a> |
| old name <i>Pseudomonas gladioli</i>            |       |   |
| <i>Burkholderia glumae</i>                      | 1     | <a href="#">PP</a>                      |
| old name <i>Pseudomonas glumae</i>              |       |   |
| <i>Burkholderia hospita</i>                     | 2     |   |
| <i>Burkholderia mallei</i>                      | 3     |   |
| old name <i>Pseudomonas mallei</i>              |       |   |
| <i>Burkholderia multivorans</i>                 | 2     |   |
| <i>Burkholderia norimbergensis</i>              | 2     |   |
| <i>Burkholderia phytofirmans</i>                | 2     |   |
| <i>Burkholderia pickettii</i>                   |       |   |
| refer to <a href="#">Ralstonia pickettii</a>    |       |   |
| <i>Burkholderia plantarii</i>                   | 2     | <a href="#">PP</a>                      |
| old name <i>Pseudomonas plantarii</i>           |       |   |
| <i>Burkholderia pseudomallei</i>                | 3     |   |
| old name <i>Pseudomonas pseudomallei</i>        |       |   |
| <i>Burkholderia solanacearum</i>                |       |   |
| refer to <a href="#">Ralstonia solanacearum</a> |       |   |
| <i>Burkholderia thailandensis</i>               | 2     |   |
| <i>Burkholderia tropica</i>                     | 2     |   |
| <i>Burkholderia vandii</i>                      | 1     | <a href="#">PP?</a>                     |
| <i>Burkholderia vietnamiensis</i>               | 2     |   |
| <b>Buttiauxella</b>                             |       |   |
| <i>Buttiauxella agrestis</i>                    | 1     |   |
| <i>Buttiauxella brennerae</i>                   | 1     |   |

| Name                            | Group | Remarks              |
|---------------------------------|-------|----------------------|
| <i>Buttiauxella ferragutiae</i> | 1     |                      |
| <i>Buttiauxella gaviniae</i>    | 1     |                      |
| <i>Buttiauxella izardii</i>     | 1     |                      |
| <i>Buttiauxella noackiae</i>    | 2     | <a href="#">PIIC</a> |

**Butyrivibrio**

|                                  |   |  |
|----------------------------------|---|--|
| <i>Butyrivibrio crossotus</i>    | 1 |  |
| <i>Butyrivibrio fibrisolvens</i> | 1 |  |

**Caedibacter**

|                                   |   |                    |
|-----------------------------------|---|--------------------|
| <i>Caedibacter caryophilus</i>    | 1 | <a href="#">PI</a> |
| <i>Caedibacter paraconjugatus</i> | 1 | <a href="#">PI</a> |
| <i>Caedibacter pseudomutans</i>   | 1 | <a href="#">PI</a> |
| <i>Caedibacter taeniospiralis</i> | 1 | <a href="#">PI</a> |
| <i>Caedibacter varicaedens</i>    | 1 | <a href="#">PI</a> |

**Caenibacterium**

|                                    |   |  |
|------------------------------------|---|--|
| <i>Caenibacterium thermophilum</i> | 1 |  |
|------------------------------------|---|--|

**Caldanaerobacter**

|  |   |  |
|--|---|--|
| <i>Caldanaerobacter subterraneus</i> subsp. <i>pacificus</i>     | 1 |  |
| <i>Caldanaerobacter subterraneus</i> subsp. <i>subterraneus</i>  | 1 |  |
| <i>Caldanaerobacter subterraneus</i> subsp. <i>tengcongensis</i> | 1 |  |
| <i>Caldanaerobacter subterraneus</i> subsp. <i>yonseiensis</i>   | 1 |  |

**Calderobacterium**

|   |   |  |
|---|---|--|
| <i>Calderobacterium hydrogenophilum</i> | 1 |  |
|---|---|--|

**Caldicellulosiruptor**

|   |   |  |
|---|---|--|
| <i>Caldicellulosiruptor kristjanssonii</i>  | 1 |  |
| <i>Caldicellulosiruptor lactoaceticus</i>   | 1 |  |
| <i>Caldicellulosiruptor owensensis</i>      | 1 |  |
| <i>Caldicellulosiruptor saccharolyticus</i> | 1 |  |

**Caldilinea**

|                             |   |  |
|-----------------------------|---|--|
| <i>Caldilinea aerophila</i> | 1 |  |
|-----------------------------|---|--|

**Caloramator**

|   |   |  |
|---|---|--|
| <i>Caloramator coolhaasii</i>                                       | 1 |  |
| <i>Caloramator fervidus</i><br>old name <i>Clostridium fervidum</i> | 1 |  |
| <i>Caloramator indicus</i>  | 1 |  |
| <i>Caloramator proteoclasticus</i>                                  | 1 |  |
| <i>Caloramator viterbiensis</i>                                     | 1 |  |

**Calymmatobacterium**

|  |   |  |
|--|---|--|
| <i>Calymmatobacterium granulomatis</i> | 2 |  |
|--|---|--|

**Campylobacter**

| Name   | Group                                    | Remarks             |
|--|--|---------------------|
| Campylobacter butzleri                               |  |                     |
| refer to   | <a href="#">Arcobacter butzleri</a>      |                     |
| Campylobacter cinaedi                                |  |                     |
| refer to   | <a href="#">Helicobacter cinaedi</a>     |                     |
| Campylobacter coli                                   | 2  |                     |
| lower priority syn-<br>onym                          | Campylobacter hyoilei                    |                     |
| Campylobacter concisus                               | 2  |                     |
| Campylobacter cryaerophilus                          |  |                     |
| refer to   | <a href="#">Arcobacter cryaerophilus</a> |                     |
| Campylobacter curvus                                 | 2  |                     |
| old name   | Wolinella curva                          |                     |
| Campylobacter fennelliae                             |  |                     |
| refer to   | <a href="#">Helicobacter fennelliae</a>  |                     |
| Campylobacter fetus                                  | 2  |                     |
| Campylobacter fetus subsp. fetus                     | 2  |                     |
| Campylobacter fetus subsp. venerealis                | 2  | <a href="#">PV</a>  |
| Campylobacter gracilis                               | 2  |                     |
| old name   | Bacteroides gracilis                     |                     |
| Campylobacter helveticus                             | 2  | <a href="#">PV?</a> |
| Campylobacter hominis                                | 2  |                     |
| Campylobacter hyoilei                                |  |                     |
| refer to   | <a href="#">Campylobacter coli</a>       |                     |
| Campylobacter hyointestinalis                        | 2  |                     |
| Campylobacter hyointestinalis subsp. hyointestinalis | 2  |                     |
| Campylobacter hyointestinalis subsp. lawsonii        | 2  | <a href="#">PV</a>  |
| Campylobacter insulaenigrae                          | 2  |                     |
| Campylobacter jejuni                                 | 2  |                     |
| Campylobacter jejuni subsp. doylei                   | 2  |                     |
| Campylobacter jejuni subsp. jejuni                   | 2  |                     |
| Campylobacter lanienae                               | 2  |                     |
| Campylobacter lari                                   | 2  |                     |
| Campylobacter mucosalis                              | 2  | <a href="#">PV</a>  |
| old name   | Campylobacter sputorum subsp. mucosalis  |                     |
| Campylobacter mustelae                               |  |                     |
| refer to   | <a href="#">Helicobacter mustelae</a>    |                     |
| Campylobacter nitrofigilis                           |  |                     |
| refer to   | <a href="#">Arcobacter nitrofigilis</a>  |                     |
| Campylobacter pylori                                 |  |                     |
| refer to   | <a href="#">Helicobacter pylori</a>      |                     |
| Campylobacter pylori subsp. mustelae                 |  |                     |
| refer to   | <a href="#">Helicobacter mustelae</a>    |                     |
| Campylobacter pylori subsp. pylori                   |  |                     |
| refer to   | <a href="#">Helicobacter pylori</a>      |                     |
| Campylobacter rectus                                 | 2  |                     |
| old name   | Wolinella recta                          |                     |

| Name  | Group | Remarks              |
|---|-------|----------------------|
| Campylobacter showae  | 2     | <a href="#">PIIC</a> |
| Campylobacter sputorum  | 2     |                      |
| Campylobacter sputorum subsp. mucosalis<br>refer to <a href="#">Campylobacter mucosalis</a>                 |       |                      |
| Campylobacter sputorum subsp. bubulus   | 2     | <a href="#">PV</a>   |
| Campylobacter sputorum subsp. faecalis  | 2     |                      |
| Campylobacter sputorum subsp. sputorum  | 2     |                      |
| Campylobacter upsaliensis   | 2     |                      |
| <b>Capnocytophaga</b>   |       |                      |
| Capnocytophaga canimorsus   | 2     |                      |
| Capnocytophaga cynodegmi  | 2     |                      |
| Capnocytophaga gingivalis   | 2     |                      |
| Capnocytophaga granulosa  | 3     | <a href="#">TMP</a>  |
| Capnocytophaga haemolytica  | 2     | <a href="#">TMP</a>  |
| Capnocytophaga ochracea<br>old name Bacteroides ochraceus   | 2     |                      |
| Capnocytophaga sputigena  | 2     |                      |
| <b>Carbophilus</b>  |       |                      |
| Carbophilus carboxidus  | 1     |                      |
| <b>Carboxydibrachium</b>  |       |                      |
| Carboxydibrachium pacificum   | 1     |                      |
| <b>Carboxydothemus</b>  |       |                      |
| Carboxydothemus hydrogenoformans  | 1     |                      |
| <b>Cardiobacterium</b>  |       |                      |
| Cardiobacterium hominis   | 2     |                      |
| Cardiobacterium valvarum  | 2     |                      |
| <b>Carnimonas</b>   |       |                      |
| Carnimonas nigrificans  | 2     |                      |
| <b>Carnobacterium</b>   |       |                      |
| Carnobacterium alterfunditum  | 1     |                      |
| Carnobacterium divergens<br>old name Lactobacillus divergens  | 1     |                      |
| Carnobacterium funditum   | 1     |                      |
| Carnobacterium gallinarum   | 1     |                      |
| Carnobacterium mobile   | 1     |                      |
| Carnobacterium piscicola<br>lower priority synonym Lactobacillus carnis<br>old name Lactobacillus piscicola | 1     |                      |
| <b>Caryophanon</b>  |       |                      |
| Caryophanon latum   | 1     |                      |

| Name              | Group | Remarks |
|-------------------|-------|---------|
| Caryophanon tenue | 1     |         |

**Caseobacter**

|                         |  |   |
|-------------------------|--|---|
| Caseobacter polymorphus |  |   |
| refer to                |  | <a href="#">Corynebacterium variabile</a> |

**Catellatospora**

|   |   |  |
|---|---|--|
| Catellatospora citrea                         | 1 |  |
| 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 leidyi          | 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 |  |





| Name                     | Group  | Remarks |
|--------------------------|--|---------|
| refer to                 | <a href="#">Streptomyces kunmingensis</a>            |         |
| Chainia minutisclerotica |  |         |
| refer to                 | <a href="#">Streptomyces minutiscleroticus</a>       |         |
| Chainia nigra            |  |         |
| refer to                 | <a href="#">Streptomyces niger</a>                   |         |
| Chainia ochracea         |  |         |
| refer to                 | <a href="#">Streptomyces ochraceiscleroticus</a>     |         |
| Chainia olivacea         |  |         |
| refer to                 | <a href="#">Streptomyces olivaceiscleroticus</a>     |         |
| Chainia poonensis        |  |         |
| refer to                 | <a href="#">Streptomyces poonensis</a>               |         |
| Chainia purpurogena      |  |         |
| refer to                 | <a href="#">Streptomyces purpurogeneiscleroticus</a> |         |
| Chainia rosea            |  |         |
| refer to                 | <a href="#">Streptomyces roseiscleroticus</a>        |         |
| Chainia rubra            |  |         |
| refer to                 | <a href="#">Streptomyces ruber</a>                   |         |
| Chainia violens          |  |         |
| refer to                 | <a href="#">Streptomyces violens</a>                 |         |

**Chelatobacter**

|                        |   |  |
|------------------------|---|--|
| Chelatobacter heintzii | 1 |  |
|------------------------|---|--|

**Chelatococcus**

|                               |   |  |
|-------------------------------|---|--|
| Chelatococcus asaccharovorans | 1 |  |
|-------------------------------|---|--|

**Chitinophaga**

|                       |   |  |
|-----------------------|---|--|
| Chitinophaga pinensis | 1 |  |
|-----------------------|---|--|

**Chlamydia**

|  |   |                    |
|--|---|--------------------|
| Chlamydia muridarum  | 2 |                    |
| Chlamydia pecorum  | 2 | <a href="#">PV</a> |
| 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 |  |

**Chlorobium**

| Name                               | Group | Remarks |
|------------------------------------|-------|---------|
| <i>Chlorobium chlorovibrioides</i> | 1     |         |
| <i>Chlorobium limicola</i>         | 1     |         |
| <i>Chlorobium phaeobacteroides</i> | 1     |         |
| <i>Chlorobium phaeovibrioides</i>  | 1     |         |
| <i>Chlorobium tepidum</i>          | 1     |         |
| <i>Chlorobium vibrioforme</i>      | 1     |         |

**Chloroflexus**

|                                 |   |  |
|---------------------------------|---|--|
| <i>Chloroflexus aggregans</i>   | 1 |  |
| <i>Chloroflexus aurantiacus</i> | 1 |  |

**Chloroherpeton**

|                                  |   |  |
|----------------------------------|---|--|
| <i>Chloroherpeton thalassium</i> | 1 |  |
|----------------------------------|---|--|

**Chloronema**

|                             |   |  |
|-----------------------------|---|--|
| <i>Chloronema giganteum</i> | 1 |  |
|-----------------------------|---|--|

**Chondromyces**

|                                 |   |  |
|---------------------------------|---|--|
| <i>Chondromyces apiculatus</i>  | 1 |  |
| <i>Chondromyces catenulatus</i> | 1 |  |
| <i>Chondromyces crocatus</i>    | 1 |  |
| <i>Chondromyces lanuginosus</i> | 1 |  |
| <i>Chondromyces pediculatus</i> | 1 |  |

**Chromatium**

|                                |   |  |
|--------------------------------|---|--|
| <i>Chromatium buderi</i>       | 1 |  |
| <i>Chromatium glycolicum</i>   | 1 |  |
| <i>Chromatium gracile</i>      | 1 |  |
| <i>Chromatium minus</i>        | 1 |  |
| <i>Chromatium minutissimum</i> | 1 |  |
| <i>Chromatium okenii</i>       | 1 |  |
| <i>Chromatium purpuratum</i>   | 1 |  |
| <i>Chromatium salexigens</i>   | 1 |  |
| <i>Chromatium tepidum</i>      | 1 |  |
| <i>Chromatium vinosum</i>      | 1 |  |
| <i>Chromatium violascens</i>   | 1 |  |
| <i>Chromatium warmingii</i>    | 1 |  |
| <i>Chromatium weissei</i>      | 1 |  |

**Chromobacterium**

|  |   |  |
|--|---|--|
| <i>Chromobacterium fluviatile</i><br>refer to <a href="#">Iodobacter fluviatilis</a> |   |  |
| <i>Chromobacterium violaceum</i>   | 2 |  |

**Chromohalobacter**

|                                     |   |  |
|-------------------------------------|---|--|
| <i>Chromohalobacter marismortui</i> | 1 |  |
|-------------------------------------|---|--|

**Chryseobacterium**

| Name   | Group | Remarks            |
|--|-------|--------------------|
| Chryseobacterium balustinum                      | 1     |                    |
| old name          Flavobacterium balustinum      |       |                    |
| Chryseobacterium gleum                           | 2     |                    |
| old name          Flavobacterium gleum           |       |                    |
| Chryseobacterium indologenes                     | 2     |                    |
| old name          Flavobacterium indologenes     |       |                    |
| Chryseobacterium indoltheticum                   | 1     |                    |
| old name          Flavobacterium indoltheticum   |       |                    |
| Chryseobacterium meningosepticum                 | 2     |                    |
| old name          Flavobacterium meningosepticum |       |                    |
| Chryseobacterium scophthalmum                    | 2     | <a href="#">PV</a> |
| old name          Flavobacterium scophthalmum    |       |                    |

### Chryseomonas

|  |  |  |
|--|--|--|
| Chryseomonas luteola                         |  |  |
| refer to <a href="#">Pseudomonas luteola</a> |  |  |
| Chryseomonas polytricha                      |  |  |
| refer to <a href="#">Pseudomonas luteola</a> |  |  |

### Chrysiogenes

|                        |   |  |
|------------------------|---|--|
| Chrysiogenes arsenatis | 1 |  |
|------------------------|---|--|

### Citrobacter

|   |   |                    |
|---|---|--------------------|
| Citrobacter amalonaticus                                  | 2 |                    |
| old name          Levinea amalonatica                     |   |                    |
| Citrobacter braakii                                       | 2 |                    |
| Citrobacter diversus                                      |   |                    |
| refer to <a href="#">Citrobacter koseri</a>               |   |                    |
| Citrobacter farmeri                                       | 2 |                    |
| Citrobacter freundii                                      | 2 |                    |
| Citrobacter koseri  | 2 |                    |
| lower priority syn-<br>onym          Citrobacter diversus |   |                    |
| Citrobacter rodentium                                     | 2 | <a href="#">PV</a> |
| Citrobacter sedlakii                                      | 2 |                    |
| Citrobacter werkmanii                                     | 2 |                    |
| Citrobacter youngae                                       | 2 |                    |

### Clavibacter

|   |   |                        |
|---|---|------------------------|
| Clavibacter iranicus                            |   |                        |
| refer to <a href="#">Rathayibacter iranicus</a> |   |                        |
| Clavibacter michiganensis subsp. insidiosus     | 2 | <a href="#">PP QUA</a> |
| old name          Corynebacterium insidiosum    |   |                        |
| Clavibacter michiganensis subsp. michiganensis  | 2 | <a href="#">PP QUA</a> |
| old name          Corynebacterium michiganense  |   |                        |
| Clavibacter michiganensis subsp. nebraskensis   | 1 | <a href="#">PP</a>     |
| old name          Corynebacterium nebraskense   |   |                        |
| Clavibacter michiganensis subsp. sepedonicus    | 2 | <a href="#">PP QUA</a> |

| Name  | Group | Remarks            |
|---|-------|--------------------|
| old name Corynebacterium sepedonicum  |       |                    |
| Clavibacter michiganensis subsp. tessellarius   | 1     | <a href="#">PP</a> |
| Clavibacter rathayi<br>refer to <a href="#">Rathayibacter rathayi</a>                                   |       |                    |
| Clavibacter toxicus   | 1     |                    |
| Clavibacter tritici<br>refer to <a href="#">Rathayibacter tritici</a>                                   |       |                    |
| Clavibacter xyli subsp. cynodontis  | 1     | <a href="#">PP</a> |
| Clavibacter xyli subsp. xyli  | 1     | <a href="#">PP</a> |
| Corynebacterium insidiosum<br>refer to <a href="#">Clavibacter michiganensis subsp. insidiosus</a>      |       |                    |
| Corynebacterium michiganense<br>refer to <a href="#">Clavibacter michiganensis subsp. michiganensis</a> |       |                    |
| Corynebacterium nebraskense<br>refer to <a href="#">Clavibacter michiganensis subsp. nebraskensis</a>   |       |                    |
| Corynebacterium sepedonicum<br>refer to <a href="#">Clavibacter michiganensis subsp. sepedonicus</a>    |       |                    |

#### Clevelandina

|                                 |   |  |
|---------------------------------|---|--|
| Clevelandina reticulitermitidis | 1 |  |
|---------------------------------|---|--|

#### Clostridium

|   |   |                     |
|---|---|---------------------|
| Clostridium absonum   | 2 |                     |
| Clostridium aceticum  | 1 |                     |
| Clostridium acetireducens   | 1 |                     |
| Clostridium acetobutylicum  | 1 |                     |
| Clostridium acidurici   | 1 |                     |
| Clostridium aerotolerans  | 1 |                     |
| Clostridium aldrichii   | 1 |                     |
| Clostridium algidicarnis  | 1 |                     |
| Clostridium aminophilum   | 1 | <a href="#">TMP</a> |
| Clostridium aminovalericum  | 1 |                     |
| Clostridium arcticum  | 1 |                     |
| Clostridium argentinense  | 2 |                     |
| Clostridium aurantibutyricum  | 1 |                     |
| Clostridium baratii   | 2 |                     |
| lower priority synonym<br>Clostridium paraperfringens               |   |                     |
| lower priority synonym<br>Clostridium perenne                       |   |                     |
| Clostridium barkeri<br>refer to <a href="#">Eubacterium barkeri</a> |   |                     |
| Clostridium beijerinckii  | 1 |                     |
| Clostridium bifermentans  | 2 |                     |
| Clostridium botulinum   | 2 |                     |
| Clostridium bryantii  |   |                     |

| Name  | Group | Remarks                  |
|---|-------|--------------------------|
| refer to <a href="#">Syntrophospora bryantii</a>          |       |                          |
| <i>Clostridium butyricum</i>                              | 1     | <a href="#">PIIC PP?</a> |
| <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     | <a href="#">PV</a>       |
| <i>Clostridium clostridioforme</i>                        | 2     |                          |
| <i>Clostridium coccoides</i>                              | 1     |                          |
| <i>Clostridium cochlearium</i>                            | 1     | <a href="#">PIIC</a>     |
| lower priority synonym <i>Clostridium lentoputrescens</i> |       |                          |
| <i>Clostridium cocleatum</i>                              | 1     | <a href="#">PIIC</a>     |
| <i>Clostridium colicanis</i>                              | 2     |                          |
| <i>Clostridium colinum</i>                                | 2     | <a href="#">PV</a>       |
| <i>Clostridium collagenovorans</i>                        | 1     |                          |
| <i>Clostridium cylindrosporium</i>                        | 1     |                          |
| <i>Clostridium difficile</i>                              | 2     |                          |
| <i>Clostridium disporicum</i>                             | 1     |                          |
| <i>Clostridium durum</i>                                  |       |                          |
| refer to <a href="#">Paenibacillus azotofixans</a>        |       |                          |
| <i>Clostridium estertheticum</i>                          | 1     |                          |
| <i>Clostridium fallax</i>                                 | 2     |                          |
| <i>Clostridium felsineum</i>                              | 1     |                          |
| <i>Clostridium fervidum</i>                               |       |                          |
| refer to <a href="#">Caloramator fervidus</a>             |       |                          |
| <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     |                          |
| <i>Clostridium haemolyticum</i>                           | 2     |                          |
| <i>Clostridium halophilum</i>                             | 1     |                          |
| <i>Clostridium hastiforme</i>                             | 2     |                          |
| <i>Clostridium herbivorans</i>                            | 1     |                          |
| <i>Clostridium histolyticum</i>                           | 2     |                          |
| <i>Clostridium homopropionicum</i>                        | 1     |                          |

| Name   | Group | Remarks |
|--|-------|---------|
| <i>Clostridium hydroxybenzoicum</i>  | 1     |         |
| <i>Clostridium indolis</i>   | 2     |         |
| <i>Clostridium innocuum</i>  | 2     |         |
| <i>Clostridium intestinale</i>   | 1     |         |
| <i>Clostridium irregulare</i>  | 1     |         |
| <i>Clostridium isatidis</i>  | 1     |         |
| <i>Clostridium josui</i>   | 1     |         |
| <i>Clostridium kluveri</i>   | 2     |         |
| <i>Clostridium laramiense</i>  | 1     |         |
| <i>Clostridium lentocellum</i>   | 1     |         |
| <i>Clostridium lentoputrescens</i><br>refer to <a href="#">Clostridium cochlearium</a> |       |         |
| <i>Clostridium leptum</i>  | 1     |         |
| <i>Clostridium limosum</i>   | 2     |         |
| <i>Clostridium litorale</i>  | 1     |         |
| <i>Clostridium lituseburense</i>   | 1     |         |
| <i>Clostridium ljungdahlii</i>   | 1     |         |
| <i>Clostridium lortetii</i><br>refer to <a href="#">Sporohalobacter lortetii</a>       |       |         |
| <i>Clostridium magnum</i>  | 1     |         |
| <i>Clostridium malenominatum</i>   | 2     |         |
| <i>Clostridium manganotii</i>  | 1     |         |
| <i>Clostridium mayombei</i>  | 1     |         |
| <i>Clostridium methoxybenzovorans</i>  | 1     |         |
| <i>Clostridium methylpentosum</i>  | 1     |         |
| <i>Clostridium neopropionicum</i>  | 1     |         |
| <i>Clostridium nexile</i>  | 1     |         |
| <i>Clostridium novyi</i>   | 2     |         |
| <i>Clostridium oceanicum</i>   | 1     |         |
| <i>Clostridium orbiscindens</i>  | 1     |         |
| <i>Clostridium oroticum</i>  | 2     |         |
| <i>Clostridium oxalicum</i><br>refer to <a href="#">Oxalophagus oxalicus</a>           |       |         |
| <i>Clostridium papyrosolvens</i>   | 1     |         |
| <i>Clostridium paradoxum</i>   | 1     |         |
| <i>Clostridium paraperfringens</i><br>refer to <a href="#">Clostridium baratii</a>     |       |         |
| <i>Clostridium paraputrificum</i>  | 2     |         |
| <i>Clostridium pasculi</i>   | 1     |         |
| <i>Clostridium pasteurianum</i>  | 1     |         |
| <i>Clostridium perenne</i><br>refer to <a href="#">Clostridium baratii</a>             |       |         |
| <i>Clostridium perfringens</i>   | 2     |         |
| <i>Clostridium pfennigii</i>   |       |         |

| Name   | Group | Remarks              |
|--|-------|----------------------|
| refer to <a href="#">Oxobacter pfennigii</a>   |       |                      |
| <i>Clostridium piliforme</i>   | 2     | <a href="#">PV</a>   |
| <i>Clostridium polysaccharolyticum</i><br>old name <i>Fusobacterium polysaccharolyticum</i>  | 1     |                      |
| <i>Clostridium populeti</i>  | 1     |                      |
| <i>Clostridium propionicum</i>   | 1     |                      |
| <i>Clostridium proteoclasticum</i>   | 1     |                      |
| <i>Clostridium proteolyticum</i>   | 1     |                      |
| <i>Clostridium puniceum</i>  | 1     | <a href="#">PP?</a>  |
| <i>Clostridium purinilyticum</i>   | 1     |                      |
| <i>Clostridium putrefaciens</i>  | 1     | <a href="#">PIIC</a> |
| <i>Clostridium putrificum</i>  | 2     |                      |
| <i>Clostridium quercicolum</i>   | 1     |                      |
| <i>Clostridium quinii</i>  | 1     |                      |
| <i>Clostridium ramosum</i>   | 2     |                      |
| <i>Clostridium rectum</i>  | 1     |                      |
| <i>Clostridium roseum</i>  | 1     |                      |
| <i>Clostridium saccharolyticum</i>   | 1     |                      |
| <i>Clostridium sardiniense</i>   | 1     | <a href="#">PIIC</a> |
| <i>Clostridium sartagoforme</i>  | 1     |                      |
| <i>Clostridium scatologenes</i>  | 2     | <a href="#">PIIC</a> |
| <i>Clostridium scindens</i>  | 1     |                      |
| <i>Clostridium septicum</i>  | 2     |                      |
| <i>Clostridium sordellii</i>   | 2     |                      |
| <i>Clostridium sphenoides</i>  | 2     |                      |
| <i>Clostridium spiroforme</i>  | 1     | <a href="#">PIIC</a> |
| <i>Clostridium sporogenes</i>  | 2     |                      |
| <i>Clostridium sporosphaeroides</i>  | 1     |                      |
| <i>Clostridium stercorarium</i>  | 1     |                      |
| <i>Clostridium sticklandii</i>   | 1     |                      |
| <i>Clostridium subterminale</i>  | 2     |                      |
| <i>Clostridium symbiosum</i>   | 2     |                      |
| <i>Clostridium termitidis</i>  | 1     |                      |
| <i>Clostridium tertium</i>   | 2     |                      |
| <i>Clostridium tetani</i>  | 2     |                      |
| <i>Clostridium tetanomorphum</i>   | 1     | <a href="#">PIIC</a> |
| <i>Clostridium thermaceticum</i><br>refer to <a href="#">Moorella thermacetica</a>           |       |                      |
| <i>Clostridium thermalcaliphilum</i>   | 1     |                      |
| <i>Clostridium thermautotrophicum</i><br>refer to <a href="#">Moorella thermautotrophica</a> |       |                      |
| <i>Clostridium thermobutyricum</i>   | 1     |                      |
| <i>Clostridium thermocellum</i>  | 1     |                      |



| Name   | Group | Remarks   |
|--|-------|---|
| Clostridium thermohydrosulfuricum                |       |   |
| refer to   |       | <a href="#">Thermoanaerobacter thermohydrosulfuricus</a>    |
| Clostridium thermolacticum                       | 1     |   |
| Clostridium thermopalmarium                      | 1     |   |
| Clostridium thermopapyrolyticum                  | 1     |   |
| Clostridium thermosaccharolyticum                |       |   |
| refer to   |       | <a href="#">Thermoanaerobacterium thermosaccharolyticum</a> |
| Clostridium thermosuccinogenes                   | 1     |   |
| Clostridium thermosulfurigenes                   |       |   |
| refer to   |       | <a href="#">Thermoanaerobacterium thermosulfurigenes</a>    |
| Clostridium tyrobutyricum                        | 1     |   |
| Clostridium ultunense                            | 1     |   |
| Clostridium villosum                             |       |   |
| refer to   |       | <a href="#">Filifactor villosus</a>                         |
| Clostridium vincentii                            | 1     |   |
| Clostridium viride                               | 1     |   |
| Clostridium xylanolyticum                        | 1     |   |
| <b>Colwellia</b>                                 |       |   |
| Colwellia hadaliensis                            | 1     |   |
| Colwellia psychrerythraea                        | 1     |   |
| <b>Comamonas</b>                                 |       |   |
| Comamonas acidovorans                            | 1     | <a href="#">PIIC</a>  |
| old name   |       | Pseudomonas acidovorans                                     |
| Comamonas denitrificans                          | 1     |   |
| Comamonas testosteroni                           | 1     |   |
| old name   |       | Pseudomonas testosteroni                                    |
| <b>Conglomeromonas</b>                           |       |   |
| Conglomeromonas largomobilis subsp. largomobilis |       |   |
| refer to   |       | <a href="#">Azospirillum largimobile</a>                    |
| Conglomeromonas largomobilis subsp. parooensis   |       |   |
| refer to   |       | <a href="#">Conglomeromonas parooensis</a>                  |
| Conglomeromonas parooensis                       | 1     |   |
| old name   |       | Conglomeromonas largomobilis subsp. parooensis              |
| <b>Coprobacillus</b>                             |       |   |
| Coprobacillus cateniformis                       | 1     |   |
| <b>Coprococcus</b>                               |       |   |
| Coprococcus catus                                | 2     | <a href="#">PIIC</a>  |
| Coprococcus comes                                | 1     | <a href="#">PIIC</a>  |
| Coprococcus eutactus                             | 1     |   |
| <b>Coprothermobacter</b>                         |       |   |
| Coprothermobacter proteolyticus                  | 1     |   |
| old name   |       | Thermobacteroides proteolyticus                             |

| Name   | Group | Remarks              |
|--|-------|----------------------|
| <b>Coriobacterium</b>                                |       |                      |
| Coriobacterium glomerans                             | 1     |                      |
| <b>Corynebacterium</b>                               |       |                      |
| Corynebacterium accolens                             | 2     |                      |
| Corynebacterium afermentans                          | 2     |                      |
| Corynebacterium afermentans subsp. afermentans       | 2     |                      |
| Corynebacterium afermentans subsp. lipophilum        | 2     |                      |
| Corynebacterium ammoniagenes                         | 1     | <a href="#">PIIC</a> |
| old name Brevibacterium ammoniagenes                 |       |                      |
| Corynebacterium amycolatum                           | 2     |                      |
| Corynebacterium argentoratense                       | 2     |                      |
| Corynebacterium auris                                | 2     |                      |
| Corynebacterium auriscanis                           | 2     |                      |
| Corynebacterium beticola                             | 2     | <a href="#">PP?</a>  |
| Corynebacterium bovis                                | 2     |                      |
| Corynebacterium callunae                             | 1     |                      |
| Corynebacterium casei                                | 1     |                      |
| Corynebacterium caspium                              | 1     |                      |
| Corynebacterium coyleae                              | 2     |                      |
| Corynebacterium cystitidis                           | 2     | <a href="#">PV</a>   |
| Corynebacterium diphtheriae                          | 2     |                      |
| Corynebacterium durum                                | 1     | <a href="#">PIIC</a> |
| Corynebacterium flavescens                           | 1     |                      |
| Corynebacterium glutamicum                           | 1     |                      |
| lower priority synonym Brevibacterium divaricatum    |       |                      |
| lower priority synonym Brevibacterium flavum         |       |                      |
| lower priority synonym Brevibacterium lactofermentum |       |                      |
| lower priority synonym Corynebacterium lilium        |       |                      |
| Corynebacterium hoagii                               | 2     |                      |
| Corynebacterium imitans                              | 2     |                      |
| Corynebacterium jeikeium                             | 2     |                      |
| Corynebacterium kroppenstedtii                       | 2     |                      |
| Corynebacterium kutscheri                            | 1     | <a href="#">PIIC</a> |
| Corynebacterium lilium                               |       |                      |
| refer to <a href="#">Corynebacterium glutamicum</a>  |       |                      |
| Corynebacterium lipophiloflavum                      | 1     | <a href="#">PIIC</a> |
| Corynebacterium macginleyi                           | 2     | <a href="#">TMP</a>  |
| Corynebacterium mastitidis                           | 2     | <a href="#">PV</a>   |
| Corynebacterium matruchotii                          | 2     |                      |
| old name Bacterionema matruchotii                    |       |                      |

| Name   | Group                        | Remarks              |
|--|------------------------------|----------------------|
| <i>Corynebacterium minutissimum</i>                    | 2                            |                      |
| <i>Corynebacterium mucifaciens</i>                     | 2                            |                      |
| <i>Corynebacterium mycetoides</i>                      | 2                            |                      |
| <i>Corynebacterium phocae</i>                          | 2                            |                      |
| <i>Corynebacterium pilosum</i>                         | 2                            |                      |
| <i>Corynebacterium propinquum</i>                      | 2                            |                      |
| <i>Corynebacterium pseudodiphtheriticum</i>            | 2                            |                      |
| <i>Corynebacterium pseudotuberculosis</i>              | 2                            |                      |
| <i>Corynebacterium renale</i>                          | 2                            | <a href="#">PV</a>   |
| <i>Corynebacterium seminale</i>                        | 2                            |                      |
| <i>Corynebacterium singulare</i>                       | 1                            | <a href="#">PIIC</a> |
| <i>Corynebacterium striatum</i>                        | 2                            |                      |
| <i>Corynebacterium ulcerans</i>                        | 2                            |                      |
| <i>Corynebacterium urealyticum</i>                     | 2                            |                      |
| <i>Corynebacterium variabile</i>                       | 1                            |                      |
| lower priority syn-<br>onym                            | Caseobacter polymorphus      |                      |
| old name   | Arthrobacter variabilis      |                      |
| <i>Corynebacterium vitaeruminis</i>                    | 1                            |                      |
| old name   | Brevibacterium vitaeruminis  |                      |
| <i>Corynebacterium xerosis</i>                         | 2                            |                      |
| <b>Couchioplanes</b>                                   |                              |                      |
| <i>Couchioplanes caeruleus</i>                         | 1                            |                      |
| <i>Couchioplanes caeruleus</i> subsp. <i>azureus</i>   | 1                            |                      |
| <i>Couchioplanes caeruleus</i> subsp. <i>caeruleus</i> | 1                            |                      |
| old name   | Actinoplanes caeruleus       |                      |
| <b>Cowdria</b>   |                              |                      |
| <i>Cowdria ruminantium</i>                             | 2                            | <a href="#">PV</a>   |
| <b>Coxiella</b>  |                              |                      |
| <i>Coxiella burnetii</i>                               | 3                            |                      |
| <b>Crenothrix</b>                                      |                              |                      |
| <i>Crenothrix polyspora</i>                            | 1                            |                      |
| <b>Crinalium</b>                                       |                              |                      |
| <i>Crinalium epipsammum</i>                            | 1                            |                      |
| <b>Cristispira</b>                                     |                              |                      |
| <i>Cristispira pectinis</i>                            | 1                            |                      |
| <b>Crocinitomix</b>                                    |                              |                      |
| <i>Crocinitomix catalasitica</i>                       | 1                            |                      |
| <b>Cryobacterium</b>                                   |                              |                      |
| <i>Cryobacterium psychrophilum</i>                     | 1                            |                      |
| old name   | Curtobacterium psychrophilum |                      |

| Name  | Group | Remarks                |
|---|-------|------------------------|
| <b>Cupriavidus</b>  |       |                        |
| Cupriavidus necator   | 1     |                        |
| <b>Curtobacterium</b>   |       |                        |
| Corynebacterium betae<br>refer to <a href="#">Curtobacterium flaccumfaciens</a>   |       |                        |
| Corynebacterium flaccumfaciens<br>refer to <a href="#">Curtobacterium flaccumfaciens</a>  |       |                        |
| Corynebacterium oortii<br>refer to <a href="#">Curtobacterium flaccumfaciens</a>  |       |                        |
| Corynebacterium poinsettiae<br>refer to <a href="#">Curtobacterium flaccumfaciens</a>   |       |                        |
| Curtobacterium albidum<br>refer to <a href="#">Brevibacterium albidum</a>   |       |                        |
| Curtobacterium albidum<br>equal synonym Brevibacterium albidum  | 1     |                        |
| Curtobacterium citreum<br>refer to <a href="#">Brevibacterium citreum</a>   |       |                        |
| Curtobacterium citreum<br>equal synonym Brevibacterium citreum  | 1     |                        |
| Curtobacterium flaccumfaciens<br>old name Corynebacterium betae<br>old name Corynebacterium poinsettiae<br>old name Corynebacterium oortii<br>old name Corynebacterium flaccumfaciens | 2     | <a href="#">PP QUA</a> |
| Curtobacterium luteum<br>refer to <a href="#">Brevibacterium luteum</a>   |       |                        |
| Curtobacterium luteum<br>equal synonym Brevibacterium luteum  | 1     |                        |
| Curtobacterium plantarum  | 1     |                        |
| Curtobacterium psychrophilum<br>refer to <a href="#">Cryobacterium psychrophilum</a>  |       |                        |
| Curtobacterium pusillum<br>refer to <a href="#">Brevibacterium pusillum</a>   |       |                        |
| Curtobacterium pusillum<br>equal synonym Brevibacterium pusillum  | 1     |                        |
| Curtobacterium saperdae<br>refer to <a href="#">Aureobacterium saperdae</a>   |       |                        |
| Curtobacterium testaceum<br>refer to <a href="#">Aureobacterium testaceum</a>   |       |                        |
| <b>Curvibacter</b>  |       |                        |
| Curvibacter delicatus   | 1     |                        |
| <b>Cyclobacterium</b>   |       |                        |
| Cyclobacterium marinum<br>old name Flectobacillus marinus   | 1     |                        |

| Name  | Group | Remarks            |
|---|-------|--------------------|
| <b>Cycloclasticus</b>   |       |                    |
| Cycloclasticus pugetii  | 1     |                    |
| <b>Cystobacter</b>  |       |                    |
| Cystobacter ferrugineus   | 1     |                    |
| Cystobacter fuscus  | 1     |                    |
| Cystobacter minus   | 1     |                    |
| <b>Cytophaga</b>  |       |                    |
| Cytophaga agarovorans<br>refer to <a href="#">Marinilabilia agarovorans</a>       |       |                    |
| Cytophaga aprica<br>refer to <a href="#">Flammeovirga aprica</a>                  |       |                    |
| Cytophaga aquatilis<br>refer to <a href="#">Flavobacterium hydatis</a>            |       |                    |
| Cytophaga arvensicola   | 1     |                    |
| Cytophaga aurantiaca  | 1     |                    |
| Cytophaga columnaris  | 2     | <a href="#">PV</a> |
| Cytophaga diffluens<br>refer to <a href="#">Persicobacter diffluens</a>           |       |                    |
| Cytophaga fermentans  | 1     |                    |
| Cytophaga flevensis<br>refer to <a href="#">Flavobacterium flevense</a>           |       |                    |
| Cytophaga heparina<br>refer to <a href="#">Sphingobacterium heparinum</a>         |       |                    |
| Cytophaga hutchinsonii  | 1     |                    |
| Cytophaga johnsonae<br>refer to <a href="#">Flavobacterium johnsoniae</a>         |       |                    |
| Cytophaga latercula   | 1     |                    |
| Cytophaga lytica  | 1     |                    |
| Cytophaga marina<br>refer to <a href="#">Flexibacter maritimus</a>                |       |                    |
| Cytophaga marinoflava   | 1     |                    |
| Cytophaga pectinovora<br>refer to <a href="#">Flavobacterium pectinovorum</a>     |       |                    |
| Cytophaga psychrophila  | 2     | <a href="#">PV</a> |
| Cytophaga saccharophila<br>refer to <a href="#">Flavobacterium saccharophilum</a> |       |                    |
| Cytophaga salmonicolor<br>refer to <a href="#">Marinilabilia salmonicolor</a>     |       |                    |
| Cytophaga succinicans<br>refer to <a href="#">Flavobacterium succinicans</a>      |       |                    |
| Cytophaga uliginosa   | 1     |                    |
| Cytophaga xylanolytica  | 1     |                    |
| <b>Dactylosporangium</b>  |       |                    |
| Dactylosporangium aurantiacum   | 1     |                    |

| Name                            | Group | Remarks                             |
|---------------------------------|-------|-------------------------------------|
| Dactylosporangium fulvum        | 1     |                                     |
| Dactylosporangium matsuzakiense | 1     |                                     |
| Dactylosporangium roseum        | 1     |                                     |
| Dactylosporangium thailandense  | 1     |                                     |
| Dactylosporangium vinaceum      | 1     |                                     |
| <b>Dechloromonas</b>            |       |                                     |
| Dechloromonas agitata           | 1     |                                     |
| Dechloromonas denitrificans     | 1     |                                     |
| Dechloromonas hortensis         | 1     |                                     |
| <b>Dechlorosoma</b>             |       |                                     |
| Dechlorosoma suillum            | 1     |                                     |
| <b>Deferribacter</b>            |       |                                     |
| Deferribacter abyssi            | 1     |                                     |
| Deferribacter thermophilus      | 1     |                                     |
| <b>Defluviibacter</b>           |       |                                     |
| Defluviibacter lusatiensis      | 1     |                                     |
| <b>Defluvicoccus</b>            |       |                                     |
| Defluvicoccus vanus             | 1     |                                     |
| <b>Dehalobacter</b>             |       |                                     |
| Dehalobacter restrictus         | 1     |                                     |
| <b>Dehalospirillum</b>          |       |                                     |
| Dehalospirillum multivorans     | 1     |                                     |
| <b>Deinobacter</b>              |       |                                     |
| Deinobacter grandis             |       |                                     |
| refer to                        |       | <a href="#">Deinococcus grandis</a> |
| <b>Deinococcus</b>              |       |                                     |
| Deinococcus erythromyxa         |       |                                     |
| refer to                        |       | <a href="#">Kocuria erythromyxa</a> |
| Deinococcus geothermalis        | 1     |                                     |
| Deinococcus grandis             | 1     |                                     |
| old name                        |       | Deinobacter grandis                 |
| Deinococcus indicus             | 1     |                                     |
| Deinococcus murrayi             | 1     |                                     |
| Deinococcus proteolyticus       | 1     |                                     |
| Deinococcus radiodurans         | 1     |                                     |
| Deinococcus radiophilus         | 1     |                                     |
| Deinococcus radiopugnans        | 1     |                                     |
| <b>Deleya</b>                   |       |                                     |
| Deleya aesta                    |       |                                     |

| Name  | Group | Remarks |
|---|-------|---------|
| refer to <a href="#">Halomonas aquamarina</a> |       |         |
| Deleya aquamarina                             |       |         |
| refer to <a href="#">Halomonas aquamarina</a> |       |         |
| Deleya cupida                                 |       |         |
| refer to <a href="#">Halomonas cupida</a>     |       |         |
| Deleya halophila                              |       |         |
| refer to <a href="#">Halomonas halophila</a>  |       |         |
| Deleya marina                                 |       |         |
| refer to <a href="#">Halomonas marina</a>     |       |         |
| Deleya pacifica                               |       |         |
| refer to <a href="#">Halomonas pacifica</a>   |       |         |
| Deleya salina                                 |       |         |
| refer to <a href="#">Halomonas salina</a>     |       |         |
| Deleya venusta                                |       |         |
| refer to <a href="#">Halomonas venusta</a>    |       |         |

**Delftia**

|                       |   |  |
|-----------------------|---|--|
| Delftia acidovorans   | 1 |  |
| Delftia tsuruhatensis | 1 |  |

**Demetria**

|                    |   |  |
|--------------------|---|--|
| Demetria terrigena | 1 |  |
|--------------------|---|--|

**Dendrosporobacter**

|                               |   |  |
|-------------------------------|---|--|
| Dendrosporobacter quercicolus | 1 |  |
|-------------------------------|---|--|

**Denitrobacterium**

|                               |   |  |
|-------------------------------|---|--|
| Denitrobacterium detoxificans | 1 |  |
|-------------------------------|---|--|

**Denitrovibrio**

|                           |   |  |
|---------------------------|---|--|
| Denitrovibrio acetiphilus | 1 |  |
|---------------------------|---|--|

**Dermabacter**

|                     |   |                      |
|---------------------|---|----------------------|
| Dermabacter hominis | 1 | <a href="#">PIIC</a> |
|---------------------|---|----------------------|

**Dermacoccus**

|   |   |  |
|---|---|--|
| Dermacoccus nishinomiyaensis                          | 1 |  |
| old name <a href="#">Micrococcus nishinomiyaensis</a> |   |  |

**Dermatophilus**

|                           |   |                    |
|---------------------------|---|--------------------|
| Dermatophilus chelonae    | 2 | <a href="#">PV</a> |
| Dermatophilus congolensis | 2 |                    |

**Derxia**

|                |   |  |
|----------------|---|--|
| Derxia gummosa | 1 |  |
|----------------|---|--|

**Desulfacinum**

|                            |   |  |
|----------------------------|---|--|
| Desulfacinum hydrothermale | 1 |  |
| Desulfacinum infernum      | 1 |  |

**Desulfatibacillum**

| Name                                      | Group | Remarks |
|---|-------|---------|
| <i>Desulfatibacillum aliphaticivorans</i> | 1     |         |
| <i>Desulfatibacillum alkenivorans</i>     | 1     |         |
| <b>Desulfitobacterium</b>                 |       |         |
| <i>Desulfitobacterium chlororespirans</i> | 1     |         |
| <i>Desulfitobacterium dehalogenans</i>    | 1     |         |
| <i>Desulfitobacterium frappieri</i>       | 1     |         |
| <i>Desulfitobacterium hafniense</i>       | 1     |         |
| <i>Desulfitobacterium metallireducens</i> | 1     |         |
| <b>Desulfobacca</b>                       |       |         |
| <i>Desulfobacca acetoxidans</i>           | 1     |         |
| <b>Desulfobacter</b>                      |       |         |
| <i>Desulfobacter curvatus</i>             | 1     |         |
| <i>Desulfobacter giganteus</i>            | 1     |         |
| <i>Desulfobacter halotolerans</i>         | 1     |         |
| <i>Desulfobacter hydrogenophilus</i>      | 1     |         |
| <i>Desulfobacter latus</i>                | 1     |         |
| <i>Desulfobacter postgatei</i>            | 1     |         |
| <i>Desulfobacter vibrioformis</i>         | 1     |         |
| <b>Desulfobacterium</b>                   |       |         |
| <i>Desulfobacterium anilini</i>           | 1     |         |
| <i>Desulfobacterium autotrophicum</i>     | 1     |         |
| <i>Desulfobacterium catecholicum</i>      | 1     |         |
| <i>Desulfobacterium cetonicum</i>         | 1     |         |
| <i>Desulfobacterium indolicum</i>         | 1     |         |
| <i>Desulfobacterium macestii</i>          | 1     |         |
| <i>Desulfobacterium phenolicum</i>        | 1     |         |
| <b>Desulfobacula</b>                      |       |         |
| <i>Desulfobacula phenolica</i>            | 1     |         |
| <i>Desulfobacula toluolica</i>            | 1     |         |
| <b>Desulfobulbus</b>                      |       |         |
| <i>Desulfobulbus elongatus</i>            | 1     |         |
| <i>Desulfobulbus mediterraneus</i>        | 1     |         |
| <i>Desulfobulbus propionicus</i>          | 1     |         |
| <i>Desulfobulbus rhabdoformis</i>         | 1     |         |
| <b>Desulfocapsa</b>                       |       |         |
| <i>Desulfocapsa sulfexigens</i>           | 1     |         |
| <i>Desulfocapsa thiozymogenes</i>         | 1     |         |
| <b>Desulfocella</b>                       |       |         |
| <i>Desulfocella halophila</i>             | 1     |         |



| Name                                 | Group | Remarks |
|--------------------------------------|-------|---------|
| <b>Desulfococcus</b>                 |       |         |
| Desulfococcus biacutus               | 1     |         |
| Desulfococcus multivorans            | 1     |         |
| <b>Desulfofaba</b>                   |       |         |
| Desulfofaba fastidiosa               | 1     |         |
| Desulfofaba gelida                   | 1     |         |
| Desulfofaba hansenii                 | 1     |         |
| <b>Desulfofrigus</b>                 |       |         |
| Desulfofrigus oceanense              | 1     |         |
| <b>Desulfofustis</b>                 |       |         |
| Desulfofustis glycolicus             | 1     |         |
| <b>Desulfohalobium</b>               |       |         |
| Desulfohalobium retbaense            | 1     |         |
| <b>Desulfomicrobium</b>              |       |         |
| Desulfomicrobium apsheronum          | 1     |         |
| Desulfomicrobium baculatum           | 1     |         |
| old name Desulfovibrio baculatus     |       |         |
| Desulfomicrobium escambiense         | 1     |         |
| Desulfomicrobium macestii            | 1     |         |
| Desulfomicrobium norvegicum          | 1     |         |
| Desulfomicrobium orale               | 1     |         |
| <b>Desulfomonas</b>                  |       |         |
| Desulfomonas pigra                   | 1     |         |
| <b>Desulfomonile</b>                 |       |         |
| Desulfomonile limimaris              | 1     |         |
| Desulfomonile tiedjei                | 1     |         |
| <b>Desulfomusa</b>                   |       |         |
| Desulfomusa hansenii                 | 1     |         |
| <b>Desulfonatronovibrio</b>          |       |         |
| Desulfonatronovibrio hydrogenovorans | 1     |         |
| <b>Desulfonatronum</b>               |       |         |
| Desulfonatronum cooperativum         | 1     |         |
| Desulfonatronum lacustre             | 1     |         |
| Desulfonatronum thiodismutans        | 1     |         |
| <b>Desulfonauticus</b>               |       |         |
| Desulfonauticus submarinus           | 1     |         |
| <b>Desulfonema</b>                   |       |         |
| Desulfonema ishimotonii              | 1     |         |

| Name                             | Group                     | Remarks |
|----------------------------------|---------------------------|---------|
| Desulfonema limicola             | 1                         |         |
| Desulfonema magnum               | 1                         |         |
| <b>Desulfonispora</b>            |                           |         |
| Desulfonispora thiosulfatigenes  | 1                         |         |
| <b>Desulforegula</b>             |                           |         |
| Desulforegula conservatrix       | 1                         |         |
| <b>Desulforhabdus</b>            |                           |         |
| Desulforhabdus amnigena          | 1                         |         |
| Desulforhabdus amnigenus         | 1                         |         |
| <b>Desulforhopalus</b>           |                           |         |
| Desulforhopalus singaporensis    | 1                         |         |
| Desulforhopalus vacuolatus       | 1                         |         |
| <b>Desulfosarcina</b>            |                           |         |
| Desulfosarcina variabilis        | 1                         |         |
| <b>Desulfospira</b>              |                           |         |
| Desulfospira joergensenii        | 1                         |         |
| <b>Desulfosporosinus</b>         |                           |         |
| Desulfosporosinus auripigmenti   | 1                         |         |
| Desulfosporosinus meridiei       | 1                         |         |
| Desulfosporosinus orientis       | 1                         |         |
| old name                         | Desulfotomaculum orientis |         |
| <b>Desulfotalea</b>              |                           |         |
| Desulfotalea arctica             | 1                         |         |
| Desulfotalea psychrophila        | 1                         |         |
| <b>Desulfotignum</b>             |                           |         |
| Desulfotignum phosphitoxidans    | 1                         |         |
| <b>Desulfotomaculum</b>          |                           |         |
| Desulfotomaculum acetoxidans     | 1                         |         |
| Desulfotomaculum aeronauticum    | 1                         |         |
| Desulfotomaculum alkaliphilum    | 1                         |         |
| Desulfotomaculum antarcticum     | 1                         |         |
| Desulfotomaculum auripigmentum   | 1                         |         |
| Desulfotomaculum australicum     | 1                         |         |
| Desulfotomaculum carboxydivorans | 1                         |         |
| Desulfotomaculum geothermicum    | 1                         |         |
| Desulfotomaculum gibsoniae       | 1                         |         |
| Desulfotomaculum guttoideum      | 1                         |         |
| Desulfotomaculum halophilum      | 1                         |         |
| Desulfotomaculum kuznetsovii     | 1                         |         |

| Name  | Group | Remarks |
|---|-------|---------|
| <i>Desulfotomaculum luciae</i>  | 1     |         |
| <i>Desulfotomaculum nigrificans</i>   | 1     |         |
| <i>Desulfotomaculum orientis</i><br>refer to <a href="#">Desulfosporosinus orientis</a> |       |         |
| <i>Desulfotomaculum putei</i>   | 1     |         |
| <i>Desulfotomaculum ruminis</i>   | 1     |         |
| <i>Desulfotomaculum sapomandens</i>   | 1     |         |
| <i>Desulfotomaculum thermoacetoxidans</i>   | 1     |         |
| <i>Desulfotomaculum thermobenzoicum</i>   | 1     |         |
| <i>Desulfotomaculum thermobenzoicum</i> subsp. <i>thermobenzoicum</i>                   | 1     |         |
| <i>Desulfotomaculum thermobenzoicum</i> subsp. <i>thermosyntrophicum</i>                | 1     |         |
| <i>Desulfotomaculum thermocisternum</i>   | 1     |         |
| <i>Desulfotomaculum thermosapovorans</i>  | 1     |         |

### Desulfovibrio

|   |   |  |
|---|---|--|
| <i>Desulfovibrio acrylicus</i>  | 1 |  |
| <i>Desulfovibrio aespoeensis</i>  | 1 |  |
| <i>Desulfovibrio africanus</i>  | 1 |  |
| <i>Desulfovibrio alaskensis</i>   | 1 |  |
| <i>Desulfovibrio alcoholivorans</i>   | 1 |  |
| <i>Desulfovibrio alcoholovorans</i>   | 1 |  |
| <i>Desulfovibrio aminophilus</i>  | 1 |  |
| <i>Desulfovibrio baarsii</i>  | 1 |  |
| <i>Desulfovibrio baculatus</i><br>refer to <a href="#">Desulfomicrobium baculatum</a> |   |  |
| <i>Desulfovibrio bastinii</i>   | 1 |  |
| <i>Desulfovibrio carbinolicus</i>   | 1 |  |
| <i>Desulfovibrio dechloracetivorans</i>   | 1 |  |
| <i>Desulfovibrio desulfuricans</i>  | 1 |  |
| <i>Desulfovibrio desulfuricans</i> subsp. <i>aestuarii</i>                            | 1 |  |
| <i>Desulfovibrio desulfuricans</i> subsp. <i>desulfuricans</i>                        | 1 |  |
| <i>Desulfovibrio fructosivorans</i>   | 1 |  |
| <i>Desulfovibrio fructosovorans</i>   | 1 |  |
| <i>Desulfovibrio furfuralis</i>   | 1 |  |
| <i>Desulfovibrio gabonensis</i>   | 1 |  |
| <i>Desulfovibrio giganteus</i>  | 1 |  |
| <i>Desulfovibrio gigas</i>  | 1 |  |
| <i>Desulfovibrio gracilis</i>   | 1 |  |
| <i>Desulfovibrio halophilus</i>   | 1 |  |
| <i>Desulfovibrio hydrothermalis</i>   | 1 |  |
| <i>Desulfovibrio indonesiensis</i>  | 1 |  |
| <i>Desulfovibrio inopinatus</i>   | 1 |  |
| <i>Desulfovibrio intestinalis</i>   | 1 |  |
| <i>Desulfovibrio litoralis</i>  | 1 |  |

| Name  | Group | Remarks |
|---|-------|---------|
| <i>Desulfovibrio longreachensis</i>   | 1     |         |
| <i>Desulfovibrio longus</i>   | 1     |         |
| <i>Desulfovibrio magneticus</i>   | 1     |         |
| <i>Desulfovibrio mexicanus</i>  | 1     |         |
| <i>Desulfovibrio oxyclinae</i>  | 1     |         |
| <i>Desulfovibrio profundus</i>  | 1     |         |
| <i>Desulfovibrio putealis</i>   | 1     |         |
| <i>Desulfovibrio salexigens</i>   | 1     |         |
| <i>Desulfovibrio sapovorans</i>   | 1     |         |
| <i>Desulfovibrio senezii</i>  | 1     |         |
| <i>Desulfovibrio simplex</i>  | 1     |         |
| <i>Desulfovibrio sulfodismutans</i>   | 1     |         |
| <i>Desulfovibrio termitidis</i>   | 1     |         |
| <i>Desulfovibrio thermophilus</i><br>refer to <a href="#">Thermodesulfobacterium mobile</a> |       |         |
| <i>Desulfovibrio vulgaris</i>   | 1     |         |
| <i>Desulfovibrio vulgaris</i> subsp. <i>oxamicus</i>  | 1     |         |
| <i>Desulfovibrio vulgaris</i> subsp. <i>vulgaris</i>  | 1     |         |
| <i>Desulfovibrio zosterae</i>   | 1     |         |

### Desulfurella

|                                   |   |  |
|-----------------------------------|---|--|
| <i>Desulfurella acetivorans</i>   | 1 |  |
| <i>Desulfurella kamchatkensis</i> | 1 |  |
| <i>Desulfurella multipotens</i>   | 1 |  |
| <i>Desulfurella propionica</i>    | 1 |  |

### Desulfurobacterium

|  |   |  |
|--|---|--|
| <i>Desulfurobacterium thermolithotrophum</i> | 1 |  |
|--|---|--|

### Desulfurococcus

|                                     |   |  |
|-------------------------------------|---|--|
| <i>Desulfurococcus amylolyticus</i> | 1 |  |
| <i>Desulfurococcus fermentans</i>   | 1 |  |
| <i>Desulfurococcus mobilis</i>      | 1 |  |
| <i>Desulfurococcus mucosus</i>      | 1 |  |

### Desulfurolobus

|   |  |  |
|---|--|--|
| <i>Desulfurolobus ambivalens</i><br>refer to <a href="#">Acidianus ambivalens</a> |  |  |
|---|--|--|

### Desulfuromonas

|                                      |   |  |
|--------------------------------------|---|--|
| <i>Desulfuromonas acetexigens</i>    | 1 |  |
| <i>Desulfuromonas acetoxidans</i>    | 1 |  |
| <i>Desulfuromonas chloroethenica</i> | 1 |  |
| <i>Desulfuromonas palmitatis</i>     | 1 |  |
| <i>Desulfuromonas thiophila</i>      | 1 |  |

### Desulfuromusa

| Name   | Group | Remarks                  |
|--|-------|--------------------------|
| Desulfuromusa bakii  | 1     |                          |
| Desulfuromusa kysingii   | 1     |                          |
| Desulfuromusa succinoxidans  | 1     |                          |
| <b>Dethiosulfovibrio</b>   |       |                          |
| Dethiosulfovibrio acidaminovorans                                      | 1     |                          |
| Dethiosulfovibrio marinus  | 1     |                          |
| Dethiosulfovibrio peptidovorans  | 1     |                          |
| <b>Devosia</b>   |       |                          |
| Devosia limi   | 1     |                          |
| Devosia neptuniae  | 1     |                          |
| Devosia riboflavina<br>old name            Pseudomonas riboflavina     | 1     |                          |
| <b>Dialister</b>   |       |                          |
| Dialister invisus  | 2     |                          |
| Dialister pneumosintes<br>old name            Bacteroides pneumosintes | 2     |                          |
| <b>Diaphorobacter</b>  |       |                          |
| Diaphorobacter nitroreducens   | 1     |                          |
| <b>Dichelobacter</b>   |       |                          |
| Dichelobacter nodosus<br>old name            Bacteroides nodosus       | 2     | <a href="#">PV</a>       |
| <b>Dichotomicrobium</b>  |       |                          |
| Dichotomicrobium thermohalophilum                                      | 1     |                          |
| <b>Dickeya</b>   |       |                          |
| Dickeya chrysanthemi   | 1     |                          |
| Dickeya dianthicola  | 1     |                          |
| <b>Dictyoglomus</b>  |       |                          |
| Dictyoglomus thermophilum  | 1     |                          |
| Dictyoglomus turgidum  | 1     |                          |
| <b>Dietzia</b>   |       |                          |
| Dietzia maris<br>old name            Rhodococcus maris                 | 1     |                          |
| Dietzia natronolimnaea   | 1     |                          |
| <b>Diplocalyx</b>  |       |                          |
| Diplocalyx calotermitidis  | 1     |                          |
| <b>Dolosicoccus</b>  |       |                          |
| Dolosicoccus paucivorans   | 1     |                          |
| <b>Dolosigranulum</b>  |       |                          |
| Dolosigranulum pigrum  | 2     | <a href="#">PIIC TMP</a> |

| Name   | Group | Remarks              |
|--|-------|----------------------|
| <b>Dorea</b>   |       |                      |
| Dorea formicigenerans                                | 1     |                      |
| Dorea longicatena                                    | 1     |                      |
| <b>Duganella</b>                                     |       |                      |
| Duganella violaceinigra                              | 1     |                      |
| Duganella zoogloeoides                               | 1     |                      |
| <b>Dyadobacter</b>                                   |       |                      |
| Dyadobacter crusticola                               | 1     |                      |
| Dyadobacter fermentans                               | 1     |                      |
| Dyadobacter hamtensis                                | 1     |                      |
| <b>Dysgonomonas</b>                                  |       |                      |
| Dysgonomonas capnocytophagoides                      | 2     |                      |
| <b>Ectothiorhodospira</b>                            |       |                      |
| Ectothiorhodospira abdelmalekii                      |       |                      |
| refer to <a href="#">Halorhodospira abdelmalekii</a> |       |                      |
| Ectothiorhodospira haloalkaliphila                   | 1     |                      |
| Ectothiorhodospira halochloris                       |       |                      |
| refer to <a href="#">Halorhodospira halochloris</a>  |       |                      |
| Ectothiorhodospira halophila                         |       |                      |
| refer to <a href="#">Halorhodospira halophila</a>    |       |                      |
| Ectothiorhodospira marina                            | 1     |                      |
| Ectothiorhodospira marismortui                       | 1     |                      |
| Ectothiorhodospira mobilis                           | 1     |                      |
| Ectothiorhodospira shaposhnikovii                    | 1     |                      |
| Ectothiorhodospira vacuolata                         | 1     |                      |
| <b>Edwardsiella</b>                                  |       |                      |
| Edwardsiella anguillimortifera                       | 2     | <a href="#">PV</a>   |
| Edwardsiella hoshinae                                | 2     | <a href="#">PIIC</a> |
| Edwardsiella ictaluri                                | 2     | <a href="#">PV</a>   |
| Edwardsiella tarda                                   | 2     |                      |
| <b>Ehrlichia</b>                                     |       |                      |
| Ehrlichia canis                                      | 2     | <a href="#">PV</a>   |
| Ehrlichia chaffeensis                                | 2     |                      |
| Ehrlichia equi                                       | 2     | <a href="#">PV</a>   |
| Ehrlichia ewingii                                    | 2     | <a href="#">PV</a>   |
| Ehrlichia muris                                      | 2     | <a href="#">PV</a>   |
| Ehrlichia phagocytophila                             | 2     | <a href="#">PV</a>   |
| Ehrlichia risticii                                   | 2     | <a href="#">PV</a>   |
| Ehrlichia ruminantium                                | 2     |                      |
| Ehrlichia sennetsu                                   | 2     |                      |
| old name Rickettsia sennetsu                         |       |                      |

| Name                           | Group                                     | Remarks            |
|--------------------------------|---|--------------------|
| <b>Eikenella</b>               |   |                    |
| Eikenella corrodens            | 2   |                    |
| <b>Elizabethkingia</b>         |   |                    |
| Elizabethkingia meningoseptica | 2   |                    |
| Elizabethkingia miricola       | 2   |                    |
| <b>Elytrosporangium</b>        |   |                    |
| modern name                    | Streptomyces                              |                    |
| Elytrosporangium brasiliense   |   |                    |
| refer to                       | <a href="#">Streptomyces brasiliensis</a> |                    |
| Elytrosporangium carpinense    |   |                    |
| refer to                       | <a href="#">Streptomyces carpinensis</a>  |                    |
| Elytrosporangium spirale       |   |                    |
| refer to                       | <a href="#">Streptomyces spiralis</a>     |                    |
| <b>Empedobacter</b>            |   |                    |
| Empedobacter brevis            | 2   |                    |
| old name                       | Flavobacterium breve                      |                    |
| <b>Enhydrobacter</b>           |   |                    |
| Enhydrobacter aerosaccus       | 1   |                    |
| <b>Enhygromyxa</b>             |   |                    |
| Enhygromyxa salina             | 1   |                    |
| <b>Ensifer</b>                 |   |                    |
| Ensifer adhaerens              | 1   |                    |
| Ensifer arboris                | 1   |                    |
| Ensifer fredii                 | 1   |                    |
| Ensifer kostiensis             | 1   |                    |
| Ensifer kummerowiae            | 1   |                    |
| Ensifer saheli                 | 1   |                    |
| Ensifer terangae               | 1   |                    |
| <b>Enterobacter</b>            |   |                    |
| Enterobacter aerogenes         | 2   |                    |
| equal synonym                  | Klebsiella mobilis                        |                    |
| Enterobacter aerogenes         |   |                    |
| refer to                       | <a href="#">Klebsiella mobilis</a>        |                    |
| Enterobacter agglomerans       |   |                    |
| refer to                       | <a href="#">Pantoea agglomerans</a>       |                    |
| Enterobacter amnigenus         | 2   | <a href="#">TA</a> |
| Enterobacter asburiae          | 2   |                    |
| Enterobacter cancerogenus      | 2   |                    |
| lower priority syn-<br>onym    | Enterobacter taylorae                     |                    |
| old name                       | Erwinia cancerogena                       |                    |

| Name   | Group | Remarks              |
|--|-------|----------------------|
| Enterobacter cloacae                               | 2     |                      |
| Enterobacter cloacae subsp. cloacae                | 2     |                      |
| Enterobacter cloacae subsp. dissolvens             | 2     |                      |
| Enterobacter dissolvens                            | 2     | <a href="#">PIIC</a> |
| old name Erwinia dissolvens                        |       |                      |
| Enterobacter gergoviae                             | 2     |                      |
| Enterobacter hormaechei                            | 2     |                      |
| Enterobacter intermedius                           | 2     |                      |
| Enterobacter kobei                                 | 2     |                      |
| Enterobacter nimipressuralis                       | 2     | <a href="#">PP?</a>  |
| old name Erwinia nimipressuralis                   |       |                      |
| Enterobacter pyrinus                               | 2     | <a href="#">PP</a>   |
| Enterobacter sakazakii                             | 2     |                      |
| Enterobacter taylorae                              |       |                      |
| refer to <a href="#">Enterobacter cancerogenus</a> |       |                      |

### Enterococcus

|  |   |                      |
|--|---|----------------------|
| Enterococcus asini                             | 2 |                      |
| Enterococcus avium                             | 2 |                      |
| Enterococcus canis                             | 2 |                      |
| Enterococcus casseliflavus                     | 2 | <a href="#">PIIC</a> |
| old name Streptococcus casseliflavus           |   |                      |
| Enterococcus cecorum                           | 2 |                      |
| old name Streptococcus cecorum                 |   |                      |
| Enterococcus columbae                          | 2 |                      |
| Enterococcus dispar                            | 2 |                      |
| Enterococcus durans                            | 2 | <a href="#">TA</a>   |
| old name Streptococcus durans                  |   |                      |
| Enterococcus faecalis                          | 2 |                      |
| old name Streptococcus faecalis                |   |                      |
| Enterococcus faecium                           | 2 | <a href="#">TA</a>   |
| old name Streptococcus faecium                 |   |                      |
| Enterococcus faecium                           |   |                      |
| refer to <a href="#">Streptococcus faecium</a> |   |                      |
| Enterococcus flavescens                        | 2 |                      |
| Enterococcus gallinarum                        | 2 | <a href="#">PV</a>   |
| old name Streptococcus gallinarum              |   |                      |
| Enterococcus hirae                             | 2 | <a href="#">PV</a>   |
| Enterococcus italicus                          | 2 |                      |
| Enterococcus malodoratus                       | 1 |                      |
| Enterococcus mundtii                           | 1 |                      |
| Enterococcus porcinus                          | 2 |                      |
| Enterococcus pseudoavium                       | 2 | <a href="#">PV</a>   |
| Enterococcus raffinosus                        | 2 |                      |
| Enterococcus ratti                             | 2 |                      |



| Name  | Group | Remarks              |
|---|-------|----------------------|
| Enterococcus saccharolyticus                      | 1     | <a href="#">PIIC</a> |
| old name            Streptococcus saccharolyticus |       |                      |
| Enterococcus seriolicida                          |       |                      |
| refer to <a href="#">Lactococcus garvieae</a>     |       |                      |
| Enterococcus solitarius                           | 2     |                      |
| Enterococcus sulfureus                            | 1     |                      |

### Eperythrozoon

|  |   |                    |
|--|---|--------------------|
| Eperythrozoon coccoides                                      | 2 | <a href="#">PV</a> |
| higher priority syn-<br>onym            Mycoplasma coccoides |   |                    |
| Eperythrozoon ovis   | 2 | <a href="#">PV</a> |
| higher priority syn-<br>onym            Mycoplasma ovis      |   |                    |
| Eperythrozoon parvum   | 2 | <a href="#">PV</a> |
| Eperythrozoon suis   | 2 | <a href="#">PV</a> |
| higher priority syn-<br>onym            Mycoplasma suis      |   |                    |
| Eperythrozoon wenyonii                                       | 2 | <a href="#">PV</a> |
| higher priority syn-<br>onym            Mycoplasma wenyonii  |   |                    |
| Mycoplasma ovis  |   |                    |
| refer to <a href="#">Eperythrozoon ovis</a>                  |   |                    |
| Mycoplasma coccoides   |   |                    |
| refer to <a href="#">Eperythrozoon coccoides</a>             |   |                    |
| Mycoplasma suis  |   |                    |
| refer to <a href="#">Eperythrozoon suis</a>                  |   |                    |
| Mycoplasma wenyonii  |   |                    |
| refer to <a href="#">Eperythrozoon wenyonii</a>              |   |                    |

### Erwinia

|   |   |  |
|---|---|--|
| Erwinia alni  | 1 | <a href="#">PP</a>                             |
| Erwinia amylovora   | 2 | <a href="#">PP QUA</a><br><a href="#">RE 1</a> |
| Erwinia ananatis  |   |  |
| refer to <a href="#">Pantoea ananatis</a>                         |   |  |
| Erwinia aphidicola  | 2 |  |
| Erwinia cacticida   | 2 | <a href="#">PP</a>                             |
| lower priority syn-<br>onym            Pectobacterium cacticida   |   |  |
| Erwinia cancerogena   |   |  |
| refer to <a href="#">Enterobacter cancerogenus</a>                |   |  |
| Erwinia carnegieana   | 2 | <a href="#">PP?</a>                            |
| lower priority syn-<br>onym            Pectobacterium carnegieana |   |  |
| Erwinia carotovora  | 2 | <a href="#">PP</a>                             |
| lower priority syn-<br>onym            Pectobacterium carotovorum |   |  |
| Erwinia carotovora subsp. atroseptica                             | 2 | <a href="#">PP</a>                             |

| Name  | Group | Remarks                                 |
|---|-------|---|
| <i>Erwinia carotovora</i> subsp. <i>betavascolorum</i>                                  | 2     | <a href="#">PP</a>                      |
| <i>Erwinia carotovora</i> subsp. <i>carotovora</i>                                      | 2     | <a href="#">PP</a>                      |
| <i>Erwinia carotovora</i> subsp. <i>odorifera</i>                                       | 1     | <a href="#">PP</a>                      |
| <i>Erwinia carotovora</i> subsp. <i>wasabiae</i>  | 2     | <a href="#">PP</a>                      |
| <i>Erwinia chrysanthemi</i>   | 2     | <a href="#">PP</a> <a href="#">QUA</a>  |
| lower priority synonym<br><i>Erwinia paradisiaca</i>                                    |       |   |
| lower priority synonym<br><i>Pectobacterium chrysanthemi</i>                            |       |   |
| <i>Erwinia cyripedii</i>  | 2     | <a href="#">PP</a>                      |
| lower priority synonym<br><i>Pectobacterium cyripedii</i>                               |       |   |
| <i>Erwinia dissolvens</i><br>refer to <a href="#">Enterobacter dissolvens</a>           |       |   |
| <i>Erwinia herbicola</i><br>refer to <a href="#">Pantoea agglomerans</a>                |       |   |
| <i>Erwinia mallotivora</i>  | 2     | <a href="#">PP</a>                      |
| <i>Erwinia milletiae</i><br>refer to <a href="#">Pantoea agglomerans</a>                |       |   |
| <i>Erwinia nigrifluens</i>  | 2     | <a href="#">PP</a>                      |
| <i>Erwinia nimipressuralis</i><br>refer to <a href="#">Enterobacter nimipressuralis</a> |       |   |
| <i>Erwinia papayae</i>  | 2     |   |
| <i>Erwinia paradisiaca</i><br>refer to <a href="#">Erwinia chrysanthemi</a>             |       |   |
| <i>Erwinia persicina</i>  | 2     | <a href="#">PP</a>                      |
| <i>Erwinia psidii</i>   | 2     | <a href="#">PP</a>                      |
| <i>Erwinia pyrifoliae</i>   | 2     | <a href="#">PP?</a>                     |
| <i>Erwinia quercina</i>   | 2     | <a href="#">PP</a>                      |
| <i>Erwinia rhapontici</i>   | 2     | <a href="#">PP</a>                      |
| lower priority synonym<br><i>Pectobacterium rhapontici</i>                              |       |   |
| <i>Erwinia rubrifaciens</i>   | 2     | <a href="#">PP</a>                      |
| <i>Erwinia salicis</i>  | 2     | <a href="#">PP</a>                      |
| <i>Erwinia stewartii</i><br>refer to <a href="#">Pantoea stewartii subsp. stewartii</a> |       |   |
| <i>Erwinia toletana</i>   | 2     | <a href="#">PP?</a>                     |
| <i>Erwinia tracheiphila</i>   | 2     | <a href="#">PP</a>                      |
| <i>Erwinia uredovora</i><br>refer to <a href="#">Pantoea ananatis</a>                   |       |   |
| <b>Erysipelothrix</b>   |       |   |
| <i>Erysipelothrix inopinata</i>   | 2     |   |
| <i>Erysipelothrix rhusiopathiae</i>   | 2     | <a href="#">PV</a>                      |
| <i>Erysipelothrix tonsillarum</i>   | 2     | <a href="#">PIIC</a> <a href="#">PV</a> |
| <b>Erythrobacter</b>  |       |   |

| Name                    | Group | Remarks |
|-------------------------|-------|---------|
| Erythrobacter aquimaris | 1     |         |
| Erythrobacter citreus   | 1     |         |
| Erythrobacter flavus    | 1     |         |
| Erythrobacter litoralis | 1     |         |
| Erythrobacter longus    | 1     |         |

### Erythromicrobium

|                          |   |  |
|--------------------------|---|--|
| Erythromicrobium ramosum | 1 |  |
|--------------------------|---|--|

### Erythromonas

|                        |   |  |
|------------------------|---|--|
| Erythromonas ursincola | 1 |  |
|------------------------|---|--|

### Escherichia

|   |   |                         |
|---|---|-------------------------|
| Escherichia adecarboxylata                        |   |                         |
| refer to <a href="#">Leclercia adecarboxylata</a> |   |                         |
| Escherichia blattae                               | 1 |                         |
| Escherichia coli                                  | 2 | <a href="#">IMP</a>     |
| Escherichia coli                                  | 3 | <a href="#">** EHEC</a> |
| Escherichia coli                                  | 1 |                         |
| Escherichia fergusonii                            | 2 |                         |
| Escherichia hermannii                             | 2 |                         |
| Escherichia vulneris                              | 2 |                         |

### Eubacterium

|   |   |  |
|---|---|--|
| Eubacterium acidaminophilum                             | 1 |  |
| Eubacterium aerofaciens                                 | 2 |  |
| Eubacterium alactolyticum                               |   |  |
| refer to <a href="#">Pseudoramibacter alactolyticus</a> |   |  |
| Eubacterium angustum                                    | 1 |  |
| Eubacterium barkeri                                     | 1 |  |
| old name <a href="#">Clostridium barkeri</a>            |   |  |
| Eubacterium bifforme                                    | 1 |  |
| Eubacterium brachy                                      | 2 |  |
| Eubacterium budayi                                      | 1 |  |
| Eubacterium callanderi                                  | 1 |  |
| Eubacterium cellulosolvens                              | 1 |  |
| Eubacterium combesii                                    | 2 |  |
| Eubacterium contortum                                   | 2 |  |
| Eubacterium coprostanoligenes                           | 2 |  |
| Eubacterium cylindroides                                | 1 |  |
| Eubacterium desmolans                                   | 1 |  |
| Eubacterium dolichum                                    | 1 |  |
| Eubacterium eligens                                     | 1 |  |
| Eubacterium exiguum                                     | 2 |  |
| Eubacterium fissicatena                                 | 1 |  |
| Eubacterium formicigenerans                             | 1 |  |

| Name  | Group | Remarks              |
|---|-------|----------------------|
| Eubacterium fossor                          | 2     | <a href="#">PV</a>   |
| Eubacterium hadrum                          | 1     |                      |
| Eubacterium hallii                          | 1     |                      |
| Eubacterium infirmum                        | 2     | <a href="#">PV</a>   |
| Eubacterium lentum                          | 2     | <a href="#">PV</a>   |
| Eubacterium limosum                         | 2     |                      |
| Eubacterium minutum                         | 2     |                      |
| Eubacterium moniliforme                     | 2     |                      |
| Eubacterium multiforme                      | 2     | <a href="#">PIIC</a> |
| Eubacterium nitritogenes                    | 2     | <a href="#">PIIC</a> |
| Eubacterium nodatum                         | 2     |                      |
| Eubacterium oxidoreducens                   | 1     |                      |
| Eubacterium plautii                         | 1     |                      |
| old name            Fusobacterium plautii   |       |                      |
| Eubacterium plexicaudatum                   | 1     |                      |
| Eubacterium ramulus                         | 1     |                      |
| Eubacterium rectale                         | 1     |                      |
| Eubacterium ruminantium                     | 1     |                      |
| Eubacterium saburreum                       | 2     | <a href="#">PIIC</a> |
| Eubacterium saphenum                        | 2     |                      |
| Eubacterium siraeum                         | 1     |                      |
| Eubacterium suis                            |       |                      |
| refer to <a href="#">Actinobaculum suis</a> |       |                      |
| Eubacterium sulci                           | 2     | <a href="#">PIIC</a> |
| Eubacterium tarantellae                     | 2     | <a href="#">PV</a>   |
| Eubacterium tardum                          | 2     |                      |
| Eubacterium tenue                           | 2     |                      |
| Eubacterium timidum                         | 2     |                      |
| Eubacterium tortuosum                       | 2     |                      |
| Eubacterium uniforme                        | 1     |                      |
| Eubacterium ventriosum                      | 2     |                      |
| Eubacterium xylanophilum                    | 1     |                      |
| Eubacterium yurii subsp. margaretiae        | 2     |                      |
| Eubacterium yurii subsp. schtitka           | 2     |                      |
| Eubacterium yurii subsp. yurii              | 2     |                      |

### Ewingella

|                     |   |  |
|---------------------|---|--|
| Ewingella americana | 2 |  |
|---------------------|---|--|

### Excellospora

|   |   |  |
|---|---|--|
| Excellospora rubrobrunea                          |   |  |
| refer to <a href="#">Actinomadura rubrobrunea</a> |   |  |
| Excellospora viridilutea                          | 1 |  |

### Exiguobacterium

| Name  | Group | Remarks |
|---|-------|---------|
| Exiguobacterium acetylicum                    | 1     |         |
| old name            Brevibacterium acetylicum |       |         |
| Exiguobacterium aestuarii                     | 1     |         |
| Exiguobacterium antarcticum                   | 1     |         |
| Exiguobacterium aurantiacum                   | 1     |         |
| Exiguobacterium marinum                       | 1     |         |
| Exiguobacterium oxidotolerans                 | 1     |         |

### Facklamia

|                   |   |  |
|-------------------|---|--|
| Facklamia hominis | 2 |  |
| Facklamia ignava  | 2 |  |

### Faenia

|   |  |  |
|---|--|--|
| Faenia rectivirgula                                     |  |  |
| refer to <a href="#">Saccharopolyspora rectivirgula</a> |  |  |

### Falcivibrio

|  |   |  |
|--|---|--|
| higher priority syn-<br>onym            Mobiluncus |   |  |
| Falcivibrio grandis                                | 2 |  |
| Falcivibrio vaginalis                              | 2 |  |

### Fastidiosipila

|                          |   |  |
|--------------------------|---|--|
| Fastidiosipila sanguinis | 2 |  |
|--------------------------|---|--|

### Ferrimonas

|                      |   |  |
|----------------------|---|--|
| Ferrimonas balearica | 1 |  |
| Ferrimonas marina    | 1 |  |

### Ferroglobus

|                      |   |  |
|----------------------|---|--|
| Ferroglobus placidus | 1 |  |
|----------------------|---|--|

### Ferroplasma

|                         |   |  |
|-------------------------|---|--|
| Ferroplasma acidiphilum | 1 |  |
|-------------------------|---|--|

### Fervidobacterium

|                              |   |  |
|------------------------------|---|--|
| Fervidobacterium gondwanense | 1 |  |
| Fervidobacterium islandicum  | 1 |  |
| Fervidobacterium nodosum     | 1 |  |
| Fervidobacterium pennivorans | 1 |  |

### Fibrobacter

|  |   |  |
|--|---|--|
| Fibrobacter intestinalis                     | 1 |  |
| Fibrobacter succinogenes                     | 1 |  |
| Fibrobacter succinogenes subsp. elongatus    | 1 |  |
| Fibrobacter succinogenes subsp. succinogenes | 1 |  |
| old name            Bacteroides succinogenes |   |  |

### Filibacter

|                     |   |  |
|---------------------|---|--|
| Filibacter limicola | 1 |  |
|---------------------|---|--|

| Name  | Group | Remarks             |
|---|-------|---------------------|
| <b>Filifactor</b>   |       |                     |
| Filifactor alocis   | 1     |                     |
| Filifactor villosus<br>old name Clostridium villosum                                      | 1     |                     |
| <b>Filomicrobium</b>  |       |                     |
| Filomicrobium fusiforme   | 1     |                     |
| <b>Finegoldia</b>   |       |                     |
| Finegoldia magna  | 1     |                     |
| <b>Flammeovirga</b>   |       |                     |
| Flammeovirga aprica<br>old name Cytophaga aprica  | 1     |                     |
| <b>Flavimonas</b>   |       |                     |
| Flavimonas oryzihabitans<br>refer to <a href="#">Pseudomonas oryzihabitans</a>            |       |                     |
| <b>Flavobacterium</b>   |       |                     |
| Flavobacterium acidificum   | 1     |                     |
| Flavobacterium acidurans  | 1     |                     |
| Flavobacterium antarcticum  | 1     |                     |
| Flavobacterium aquatile   | 2     | <a href="#">PI?</a> |
| Flavobacterium balustinum<br>refer to <a href="#">Chryseobacterium balustinum</a>         |       |                     |
| Flavobacterium branchiophilum   | 2     | <a href="#">PV</a>  |
| Flavobacterium breve<br>refer to <a href="#">Empedobacter brevis</a>                      |       |                     |
| Flavobacterium capsulatum<br>refer to <a href="#">Sphingomonas capsulata</a>              |       |                     |
| Flavobacterium columnare<br>old name Flexibacter columnaris                               | 2     | <a href="#">PV</a>  |
| Flavobacterium denitrificans  | 1     |                     |
| Flavobacterium devorans   | 1     |                     |
| Flavobacterium esteraromaticum<br>refer to <a href="#">Aureobacterium esteraromaticum</a> |       |                     |
| Flavobacterium ferrugineum  | 1     |                     |
| Flavobacterium flevense<br>old name Cytophaga flevensis                                   | 1     |                     |
| Flavobacterium gleum<br>refer to <a href="#">Chryseobacterium gleum</a>                   |       |                     |
| Flavobacterium gondwanense  | 1     |                     |
| Flavobacterium granuli  | 1     |                     |
| Flavobacterium halmophilum<br>refer to <a href="#">Halomonas halmophila</a>               |       |                     |
| Flavobacterium heparinum  |       |                     |

| Name  | Group | Remarks            |
|---|-------|--------------------|
| refer to <a href="#">Sphingobacterium heparinum</a>       |       |                    |
| Flavobacterium hydatis                                    | 2     | <a href="#">PV</a> |
| old name           Cytophaga aquatilis                    |       |                    |
| Flavobacterium indologenes                                |       |                    |
| refer to <a href="#">Chryseobacterium indologenes</a>     |       |                    |
| Flavobacterium indoltheticum                              |       |                    |
| refer to <a href="#">Chryseobacterium indoltheticum</a>   |       |                    |
| Flavobacterium johnsoniae                                 | 2     | <a href="#">PV</a> |
| old name           Cytophaga johnsonae                    |       |                    |
| Flavobacterium marinotypicum                              | 1     |                    |
| Flavobacterium meningosepticum                            |       |                    |
| refer to <a href="#">Chryseobacterium meningosepticum</a> |       |                    |
| Flavobacterium micromati                                  | 1     |                    |
| Flavobacterium mizutaii                                   | 2     |                    |
| old name           Sphingobacterium mizutaii              |       |                    |
| Flavobacterium multivorum                                 |       |                    |
| refer to <a href="#">Sphingobacterium multivorum</a>      |       |                    |
| Flavobacterium oceanosedimentum                           | 1     |                    |
| Flavobacterium odoratum                                   |       |                    |
| refer to <a href="#">Myroides odoratus</a>                |       |                    |
| Flavobacterium okeanokoites                               |       |                    |
| refer to <a href="#">Planococcus okeanokoites</a>         |       |                    |
| Flavobacterium pectinovorum                               | 1     |                    |
| old name           Cytophaga pectinovora                  |       |                    |
| Flavobacterium psychrolimnae                              | 2     |                    |
| Flavobacterium psychrophilum                              | 2     | <a href="#">PV</a> |
| old name           Flexibacter psychrophilus              |       |                    |
| Flavobacterium resinovororum                              | 1     |                    |
| Flavobacterium saccharophilum                             | 1     |                    |
| old name           Cytophaga saccharophila                |       |                    |
| Flavobacterium salegens                                   | 1     |                    |
| Flavobacterium scophthalmum                               |       |                    |
| refer to <a href="#">Chryseobacterium scophthalmum</a>    |       |                    |
| Flavobacterium spiritivorum                               |       |                    |
| refer to <a href="#">Sphingobacterium spiritivorum</a>    |       |                    |
| Flavobacterium succinicans                                | 1     |                    |
| old name           Cytophaga succinicans                  |       |                    |
| Flavobacterium thalpophilum                               |       |                    |
| refer to <a href="#">Sphingobacterium thalpophilum</a>    |       |                    |
| Flavobacterium thermophilum                               | 1     |                    |
| Flavobacterium uliginosum                                 | 1     |                    |
| Flavobacterium yabuuchiae                                 |       |                    |
| refer to <a href="#">Sphingobacterium spiritivorum</a>    |       |                    |
| <b>Flectobacillus</b>                                     |       |                    |
| Flectobacillus glomeratus                                 | 1     |                    |

| Name  | Group | Remarks             |
|---|-------|---------------------|
| <i>Flectobacillus major</i>   | 1     |                     |
| <i>Flectobacillus marinus</i><br>refer to <a href="#">Cyclobacterium marinum</a>                                |       |                     |
| <b>Flexibacter</b>  |       |                     |
| <i>Flexibacter aggregans</i>  | 1     |                     |
| <i>Flexibacter aurantiacus</i>  | 1     |                     |
| <i>Flexibacter canadensis</i>   | 1     |                     |
| <i>Flexibacter columnaris</i><br>refer to <a href="#">Flavobacterium columnare</a>                              |       |                     |
| <i>Flexibacter elegans</i>  | 1     |                     |
| <i>Flexibacter filiformis</i>   | 1     |                     |
| <i>Flexibacter flexilis</i>   | 1     |                     |
| <i>Flexibacter japonensis</i>   | 2     |                     |
| <i>Flexibacter litoralis</i>  | 2     |                     |
| <i>Flexibacter maritimus</i><br>lower priority syn-<br>onym <i>Cytophaga marina</i><br>Important fish pathogen. | 2     | <a href="#">PV</a>  |
| <i>Flexibacter ovolyticus</i>   | 2     | <a href="#">PV</a>  |
| <i>Flexibacter polymorphus</i>  | 1     |                     |
| <i>Flexibacter psychrophilus</i><br>refer to <a href="#">Flavobacterium psychrophilum</a>                       |       |                     |
| <i>Flexibacter roseolus</i>   | 1     |                     |
| <i>Flexibacter ruber</i>  | 1     |                     |
| <i>Flexibacter sancti</i>   | 1     |                     |
| <i>Flexibacter tractuosus</i>   | 1     |                     |
| <b>Flexithrix</b>   |       |                     |
| <i>Flexithrix dorotheae</i>   | 1     |                     |
| <b>Fluoribacter</b>   |       |                     |
| <i>Fluoribacter bozemaniae</i><br>old name <i>Legionella bozemaniae</i>   | 2     |                     |
| <i>Fluoribacter dumoffii</i><br>old name <i>Legionella dumoffii</i>   | 2     |                     |
| <i>Fluoribacter gormanii</i><br>old name <i>Legionella gormanii</i>   | 2     |                     |
| <b>Formivibrio</b>  |       |                     |
| <i>Formivibrio citricus</i>   | 2     | <a href="#">PP?</a> |
| <b>Francisella</b>  |       |                     |
| <i>Francisella novicida</i>   | 2     |                     |
| <i>Francisella philomiragia</i><br>old name <i>Yersinia philomiragia</i>  | 2     |                     |
| <i>Francisella tularensis</i>   | 3     |                     |
| <i>Francisella tularensis</i> subsp. <i>holarctica</i>  | 3     |                     |



| Name  | Group | Remarks   |
|---|-------|---|
| Francisella tularensis subsp. mediasiatica    | 3     |   |
| Francisella tularensis subsp. tularensis      | 3     |   |
| <b>Frankia</b>                                |       |   |
| Frankia alni                                  | 1     |   |
| <b>Frateuria</b>                              |       |   |
| Frateuria aurantia                            | 1     |   |
| <b>Friedmanniella</b>                         |       |   |
| Friedmanniella antarctica                     | 1     |   |
| Friedmanniella capsulata                      | 1     |   |
| Friedmanniella lacustris                      | 1     |   |
| Friedmanniella spumicola                      | 1     |   |
| <b>Fulvimonas</b>                             |       |   |
| Fulvimonas soli                               | 1     |   |
| <b>Fusobacterium</b>                          |       |   |
| Fusobacterium alocis                          | 2     |   |
| Fusobacterium canifelinum                     | 2     |   |
| Fusobacterium equinum                         | 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                      | 2     | <a href="#">PIIC</a>                            |
| Fusobacterium periodonticum                   | 2     |   |
| Fusobacterium plautii                         |       |   |
| refer to                                      |       | <a href="#">Eubacterium plautii</a>             |
| Fusobacterium polysaccharolyticum             |       |   |
| refer to                                      |       | <a href="#">Clostridium polysaccharolyticum</a> |
| Fusobacterium prausnitzii                     | 2     |   |
| Fusobacterium pseudonecrophorum               |       |   |
| refer to                                      |       | <a href="#">Fusobacterium varium</a>            |
| Fusobacterium russii                          | 2     |   |
| Fusobacterium simiae                          | 2     |   |

| Name  | Group | Remarks |
|---|-------|---------|
| Fusobacterium sulci                                       | 2     |         |
| Fusobacterium ulcerans                                    | 2     |         |
| Fusobacterium varium                                      | 2     |         |
| lower priority synonym<br>Fusobacterium pseudonecrophorum |       |         |
| <b>Gallionella</b>  |       |         |
| Gallionella ferruginea                                    | 1     |         |
| <b>Garciella</b>  |       |         |
| Garciella nitratireducens                                 | 1     |         |
| <b>Gardnerella</b>  |       |         |
| Gardnerella vaginalis                                     | 2     |         |
| old name<br>Haemophilus vaginalis                         |       |         |
| Gardnerella vaginalis                                     |       |         |
| refer to<br><a href="#">Haemophilus vaginalis</a>         |       |         |
| <b>Gelidibacter</b>                                       |       |         |
| Gelidibacter algens                                       | 1     |         |
| Gelidibacter gilvus                                       | 1     |         |
| Gelidibacter mesophilus                                   | 1     |         |
| <b>Gemella</b>  |       |         |
| Gemella bergeri   | 2     |         |
| Gemella cuniculi  | 2     |         |
| Gemella haemolysans                                       | 2     |         |
| Gemella morbillorum                                       | 2     |         |
| old name<br>Streptococcus morbillorum                     |       |         |
| Gemella palaticanis                                       | 2     |         |
| Gemella sanguinis   | 2     |         |
| <b>Gemmata</b>  |       |         |
| Gemmata obscuriglobus                                     | 1     |         |
| <b>Gemmiger</b>   |       |         |
| Gemmiger formicilis                                       | 1     |         |
| <b>Gemmobacter</b>  |       |         |
| Gemmobacter aquatilis                                     | 1     |         |
| <b>Geobacter</b>  |       |         |
| Geobacter bemidjensis                                     | 1     |         |
| Geobacter bremensis                                       | 1     |         |
| Geobacter chappellei                                      | 1     |         |
| Geobacter grbiciae  | 1     |         |
| Geobacter hydrogenophilus                                 | 1     |         |
| Geobacter metallireducens                                 | 1     |         |
| Geobacter pelophilus                                      | 1     |         |

| Name   | Group | Remarks |
|--|-------|---------|
| <i>Geobacter sulfurreducens</i>                        | 1     |         |
| <b>Geodermatophilus</b>                                |       |         |
| <i>Geodermatophilus obscurus</i>                       | 1     |         |
| <b>Georgenia</b>                                       |       |         |
| <i>Georgenia muralis</i>                               | 1     |         |
| <b>Geothermobacter</b>                                 |       |         |
| <i>Geothermobacter ehrlichii</i>                       | 1     |         |
| <b>Geothrix</b>  |       |         |
| <i>Geothrix fermentans</i>                             | 1     |         |
| <b>Geotoga</b>   |       |         |
| <i>Geotoga petraea</i>                                 | 1     |         |
| <i>Geotoga subterranea</i>                             | 1     |         |
| <i>Geotoga weaveri</i>                                 | 1     |         |
| <b>Geovibrio</b>                                       |       |         |
| <i>Geovibrio ferrireducens</i>                         | 1     |         |
| <i>Geovibrio thiophilus</i>                            | 1     |         |
| <b>Glaciecola</b>                                      |       |         |
| <i>Glaciecola mesophila</i>                            | 1     |         |
| <i>Glaciecola pallidula</i>                            | 1     |         |
| <i>Glaciecola polaris</i>                              | 1     |         |
| <i>Glaciecola punicea</i>                              | 1     |         |
| <b>Globicatella</b>                                    |       |         |
| <i>Globicatella sanguinis</i>                          | 2     |         |
| <b>Gluconacetobacter</b>                               |       |         |
| <i>Gluconacetobacter europaeus</i>                     | 1     |         |
| <i>Gluconacetobacter hansenii</i>                      | 1     |         |
| <i>Gluconacetobacter sacchari</i>                      | 1     |         |
| <i>Gluconacetobacter xylinus</i>                       | 1     |         |
| <b>Gluconobacter</b>                                   |       |         |
| <i>Gluconobacter asaii</i>                             | 1     |         |
| <i>Gluconobacter cerinus</i>                           | 1     |         |
| <i>Gluconobacter frateurii</i>                         | 1     |         |
| <i>Gluconobacter oxydans</i>                           | 1     |         |
| <i>Gluconobacter oxydans</i> subsp. <i>industrius</i>  | 1     |         |
| <i>Gluconobacter oxydans</i> subsp. <i>melanogenes</i> | 1     |         |
| <i>Gluconobacter oxydans</i> subsp. <i>oxydans</i>     | 1     |         |
| <i>Gluconobacter oxydans</i> subsp. <i>sphaericus</i>  | 1     |         |
| <i>Gluconobacter oxydans</i> subsp. <i>suboxydans</i>  | 1     |         |
| <i>Gluconobacter thailandicus</i>                      | 1     |         |

| Name                              | Group                                | Remarks            |
|-----------------------------------|--------------------------------------|--------------------|
| <b>Glycomyces</b>                 |                                      |                    |
| Glycomyces algeriensis            | 1                                    |                    |
| Glycomyces arizonensis            | 1                                    |                    |
| Glycomyces harbinensis            | 1                                    |                    |
| Glycomyces lechevalierae          | 1                                    |                    |
| Glycomyces rutgersensis           | 1                                    |                    |
| Glycomyces tenuis                 | 1                                    |                    |
| <b>Gordonia</b>                   |                                      |                    |
| Gordonia aichiensis               | 2                                    |                    |
| old name                          | Rhodococcus aichiensis               |                    |
| Gordonia amarae                   | 2                                    |                    |
| old name                          | Nocardia amarae                      |                    |
| Gordonia bronchialis              | 2                                    |                    |
| old name                          | Rhodococcus bronchialis              |                    |
| Gordonia desulfuricans            | 2                                    |                    |
| Gordonia hirsuta                  | 2                                    |                    |
| Gordonia hydrophobica             | 1                                    |                    |
| Gordonia otitidis                 | 2                                    |                    |
| Gordonia rubripertincta           | 1                                    |                    |
| lower priority syn-<br>onym       | Rhodococcus corallinus               |                    |
| old name                          | Rhodococcus rubripertinctus          |                    |
| Gordonia sputi                    | 2                                    |                    |
| lower priority syn-<br>onym       | Rhodococcus chubuensis               |                    |
| lower priority syn-<br>onym       | Rhodococcus obuensis                 |                    |
| old name                          | Rhodococcus sputi                    |                    |
| Gordonia terrae                   | 1                                    |                    |
| old name                          | Rhodococcus terrae                   |                    |
| <b>Grahamella</b>                 |                                      |                    |
| Grahamella peromysci              |                                      |                    |
| refer to                          | <a href="#">Bartonella peromysci</a> |                    |
| Grahamella talpae                 |                                      |                    |
| refer to                          | <a href="#">Bartonella talpae</a>    |                    |
| <b>Guggenheimella</b>             |                                      |                    |
| Guggenheimella bovis              | 2                                    |                    |
| <b>Haemobartonella</b>            |                                      |                    |
| Haemobartonella canis             | 2                                    | <a href="#">PV</a> |
| Haemobartonella felis             | 2                                    | <a href="#">PV</a> |
| Haemobartonella muris             | 2                                    | <a href="#">PV</a> |
| <b>Haemophilus</b>                |                                      |                    |
| Haemophilus actinomycetemcomitans | 2                                    |                    |

| Name                             | Group   | Remarks              |
|----------------------------------|---|----------------------|
| old name                         | Actinobacillus actinomycetemcomitans            |                      |
| Haemophilus aegyptius            | 2   |                      |
| Haemophilus aphrophilus          | 2   |                      |
| Haemophilus avium                |   |                      |
| refer to                         | <a href="#">Pasteurella avium</a>               |                      |
| Haemophilus ducreyi              | 2   |                      |
| Haemophilus equigenitalis        |   |                      |
| refer to                         | <a href="#">Taylorella equigenitalis</a>        |                      |
| Haemophilus felis                | 2   | <a href="#">PV</a>   |
| Haemophilus haemoglobinophilus   | 2   | <a href="#">PV</a>   |
| Haemophilus haemolyticus         | 2   | <a href="#">PIIC</a> |
| Haemophilus influenzae           | 2   |                      |
| Haemophilus paracuniculus        | 2   | <a href="#">PV</a>   |
| Haemophilus paragallinarum       | 2   | <a href="#">PV</a>   |
| Haemophilus parahaemolyticus     | 2   |                      |
| Haemophilus parainfluenzae       | 2   |                      |
| Haemophilus paraphrohaemolyticus | 2   |                      |
| Haemophilus paraphrophilus       | 2   |                      |
| Haemophilus parasuis             | 2   | <a href="#">PV</a>   |
| Haemophilus piscium              | 2   | <a href="#">PV</a>   |
| Haemophilus pittmaniae           | 2   |                      |
| Haemophilus pleuropneumoniae     |   |                      |
| refer to                         | <a href="#">Actinobacillus pleuropneumoniae</a> |                      |
| Haemophilus segnis               | 2   |                      |
| Haemophilus vaginalis            |   |                      |
| refer to                         | <a href="#">Gardnerella vaginalis</a>           |                      |
| Haemophilus vaginalis            | 2   |                      |
| modern name                      | Gardnerella vaginalis                           |                      |

**Hafnia**

|              |   |  |
|--------------|---|--|
| Hafnia alvei | 2 |  |
|--------------|---|--|

**Halanaerobium**

|  |   |  |
|--|---|--|
| Halanaerobium fermentans                             | 1 |  |
| Halanaerobium saccharolyticum                        | 1 |  |
| Halanaerobium saccharolyticum subsp. saccharolyticum | 1 |  |

**Haliangium**

|                      |   |  |
|----------------------|---|--|
| Haliangium ochraceum | 1 |  |
| Haliangium tepidum   | 1 |  |

**Haliscomenobacter**

|                             |   |  |
|-----------------------------|---|--|
| Haliscomenobacter hydrossis | 1 |  |
|-----------------------------|---|--|

**Hallella**

|                   |   |  |
|-------------------|---|--|
| Hallella seregens | 2 |  |
|-------------------|---|--|

| Name  | Group | Remarks |
|---|-------|---------|
| <b>Haloanaerobacter</b>   |       |         |
| Haloanaerobacter chitinovorans  | 1     |         |
| Haloanaerobacter lacunaris  | 1     |         |
| old name                      Halobacteroides lacunaris                         |       |         |
| Haloanaerobacter salinarius   | 1     |         |
| <b>Haloanaerobium</b>   |       |         |
| Haloanaerobium acetoethylicum   | 1     |         |
| old name                      Halobacteroides acetoethylicus                    |       |         |
| Haloanaerobium alcaliphilum   | 1     |         |
| Haloanaerobium congolense   | 1     |         |
| Haloanaerobium kushneri   | 1     |         |
| Haloanaerobium lacusrosei   | 1     |         |
| Haloanaerobium praevalens   | 1     |         |
| Haloanaerobium saccharolyticum  | 1     |         |
| Haloanaerobium saccharolyticum subsp. saccharolyticum                           | 1     |         |
| old name                      Haloincola saccharolyticus subsp. saccharolyticus |       |         |
| Haloanaerobium saccharolyticum subsp. senegalense                               | 1     |         |
| old name                      Haloincola saccharolyticus subsp. senegalensis    |       |         |
| Haloanaerobium salsuginis   | 1     |         |
| <b>Haloarcula</b>   |       |         |
| Haloarcula argentinensis  | 1     |         |
| Haloarcula hispanica  | 1     |         |
| Haloarcula japonica   | 1     |         |
| Haloarcula marismortui  | 1     |         |
| Haloarcula mukohataei   | 1     |         |
| Haloarcula quadrata   | 1     |         |
| Haloarcula vallismortis   | 1     |         |
| old name                      Halobacterium vallismortis                        |       |         |
| <b>Halobacillus</b>   |       |         |
| Halobacillus aidingensis  | 1     |         |
| Halobacillus dabanensis   | 1     |         |
| Halobacillus halophilus   | 1     |         |
| old name                      Sporosarcina halophila                            |       |         |
| Halobacillus karajensis   | 1     |         |
| Halobacillus litoralis  | 1     |         |
| Halobacillus locisalis  | 1     |         |
| Halobacillus salinus  | 1     |         |
| Halobacillus trueperi   | 1     |         |
| <b>Halobacterium</b>  |       |         |
| Halobacterium cutirubrum  | 1     |         |
| Halobacterium denitrificans   |       |         |
| refer to <a href="#">Haloferax denitrificans</a>                                |       |         |
| Halobacterium halobium  | 1     |         |

| Name   | Group | Remarks |
|--|-------|---------|
| Halobacterium mediterranei                       |       |         |
| refer to <a href="#">Haloferax mediterranei</a>  |       |         |
| Halobacterium noricense                          | 1     |         |
| Halobacterium pharaonis                          |       |         |
| refer to <a href="#">Natronomonas pharaonis</a>  |       |         |
| Halobacterium salinarum                          | 1     |         |
| Halobacterium trapanicum                         |       |         |
| refer to <a href="#">Halorubrum trapanicum</a>   |       |         |
| Halobacterium vallismortis                       |       |         |
| refer to <a href="#">Haloarcula vallismortis</a> |       |         |
| Halobacterium volcanii                           |       |         |
| refer to <a href="#">Haloferax volcanii</a>      |       |         |

### Halobacteroides

|  |   |  |
|--|---|--|
| Halobacteroides acetoethylicus                         |   |  |
| refer to <a href="#">Haloanaerobium acetoethylicum</a> |   |  |
| Halobacteroides elegans                                | 1 |  |
| Halobacteroides halobius                               | 1 |  |
| Halobacteroides lacunaris                              |   |  |
| refer to <a href="#">Haloanaerobacter lacunaris</a>    |   |  |

### Halobaculum

|                        |   |  |
|------------------------|---|--|
| Halobaculum gomorrense | 1 |  |
|------------------------|---|--|

### Halobiforma

|                             |   |  |
|-----------------------------|---|--|
| Halobiforma nitratireducens | 1 |  |
|-----------------------------|---|--|

### Halocella

|                           |   |  |
|---------------------------|---|--|
| Halocella cellulolytica   | 1 |  |
| Halocella cellulosilytica | 1 |  |

### Halochromatium

|                           |   |  |
|---------------------------|---|--|
| Halochromatium glycolicum | 1 |  |
|---------------------------|---|--|

### Halococcus

|                            |   |  |
|----------------------------|---|--|
| Halococcus dombrowskii     | 1 |  |
| Halococcus morrhuae        | 1 |  |
| Halococcus saccharolyticus | 1 |  |
| Halococcus salifodinae     | 1 |  |
| Halococcus turkmenicus     | 1 |  |

### Haloferax

|                                      |   |  |
|--------------------------------------|---|--|
| Haloferax alexandrinus               | 1 |  |
| Haloferax denitrificans              | 1 |  |
| old name Halobacterium denitrificans |   |  |
| Haloferax gibbonsii                  | 1 |  |
| Haloferax lucentense                 | 1 |  |
| Haloferax mediterranei               | 1 |  |

| Name                     |   | Group | Remarks            |
|--------------------------|---|-------|--------------------|
| old name                 | Halobacterium mediterranei  |       |                    |
|                          | Haloferax sulfurifontis   | 1     |                    |
|                          | Haloferax volcanii  | 1     |                    |
| old name                 | Halobacterium volcanii  |       |                    |
| <b>Halogeometricum</b>   |   |       |                    |
|                          | Halogeometricum borinquense   | 1     |                    |
| <b>Haloicola</b>         |   |       |                    |
|                          | Haloicola saccharolyticus   | 1     |                    |
|                          | Haloicola saccharolyticus subsp. saccharolyticus                      |       |                    |
| refer to                 | <a href="#">Haloanaerobium saccharolyticum subsp. saccharolyticum</a> |       |                    |
|                          | Haloicola saccharolyticus subsp. senegalensis                         |       |                    |
| refer to                 | <a href="#">Haloanaerobium saccharolyticum subsp. senegalense</a>     |       |                    |
| <b>Halomethanococcus</b> |   |       |                    |
|                          | Halomethanococcus doii  | 1     |                    |
| <b>Halomicrobium</b>     |   |       |                    |
|                          | Halomicrobium mukohataei  | 1     |                    |
| <b>Halomonas</b>         |   |       |                    |
|                          | Alcaligenes aestus  |       |                    |
| refer to                 | <a href="#">Halomonas aquamarina</a>                                  |       |                    |
|                          | Alcaligenes aquamarinus   |       |                    |
| refer to                 | <a href="#">Halomonas aquamarina</a>                                  |       |                    |
|                          | Alcaligenes cupidus   |       |                    |
| refer to                 | <a href="#">Halomonas cupida</a>                                      |       |                    |
|                          | Alcaligenes faecalis subsp. homari                                    |       |                    |
| refer to                 | <a href="#">Halomonas aquamarina</a>                                  |       |                    |
|                          | Alcaligenes pacificus   |       |                    |
| refer to                 | <a href="#">Halomonas pacifica</a>                                    |       |                    |
|                          | Alcaligenes venustus  |       |                    |
| refer to                 | <a href="#">Halomonas venusta</a>                                     |       |                    |
|                          | Halomonas aquamarina  | 2     | <a href="#">PI</a> |
| old name                 | Deleya aquamarina   |       |                    |
| old name                 | Deleya aesta  |       |                    |
| old name                 | Alcaligenes aquamarinus   |       |                    |
| old name                 | Alcaligenes aestus  |       |                    |
| old name                 | Alcaligenes faecalis subsp. homari                                    |       |                    |
|                          | Halomonas axialensis  | 2     |                    |
|                          | Halomonas boliviensis   | 2     |                    |
|                          | Halomonas campisalis  | 2     |                    |
|                          | Halomonas canadensis  | 2     |                    |
|                          | Halomonas cupida  | 2     |                    |
| old name                 | Deleya cupida   |       |                    |
| old name                 | Alcaligenes cupidus   |       |                    |
|                          | Halomonas elongata  | 1     |                    |



| Name                        | Group | Remarks                      |
|-----------------------------|-------|------------------------------|
| Halomonas eurihalina        | 1     |                              |
| old name                    |       | Volcaniella eurihalina       |
| Halomonas halmophila        | 1     |                              |
| old name                    |       | Flavobacterium halmophilum   |
| Halomonas halodenitrificans | 1     |                              |
| old name                    |       | Paracoccus halodenitrificans |
| Halomonas halodurans        | 1     |                              |
| Halomonas halophila         | 1     |                              |
| old name                    |       | Deleya halophila             |
| Halomonas hydrothermalis    | 1     |                              |
| Halomonas koreensis         | 2     |                              |
| Halomonas marina            | 1     |                              |
| old name                    |       | Deleya marina                |
| old name                    |       | Pseudomonas marina           |
| Halomonas marisflavi        | 2     |                              |
| Halomonas meridiana         | 1     |                              |
| Halomonas pacifica          | 1     |                              |
| old name                    |       | Deleya pacifica              |
| old name                    |       | Alcaligenes pacificus        |
| Halomonas pantelleriensis   | 1     |                              |
| Halomonas salina            | 1     |                              |
| old name                    |       | Deleya salina                |
| Halomonas subglaciescola    | 1     |                              |
| Halomonas sulfidaeris       | 1     |                              |
| Halomonas variabilis        | 1     |                              |
| old name                    |       | Halovibrio variabilis        |
| Halomonas ventosae          | 1     |                              |
| Halomonas venusta           | 1     |                              |
| old name                    |       | Deleya venusta               |
| old name                    |       | Alcaligenes venustus         |

**Halonatronum**

|                             |   |  |
|-----------------------------|---|--|
| Halonatronum saccharophilum | 1 |  |
|-----------------------------|---|--|

**Halorhabdus**

|                       |   |  |
|-----------------------|---|--|
| Halorhabdus utahensis | 1 |  |
|-----------------------|---|--|

**Halorhodospira**

|                             |   |                                 |
|-----------------------------|---|---------------------------------|
| Halorhodospira abdelmalekii | 1 |                                 |
| old name                    |   | Ectothiorhodospira abdelmalekii |
| Halorhodospira halochloris  | 1 |                                 |
| old name                    |   | Ectothiorhodospira halochloris  |
| Halorhodospira halophila    | 1 |                                 |
| old name                    |   | Ectothiorhodospira halophila    |
| Halorhodospira neutriphila  | 1 |                                 |

**Halorubrum**

|                         |   |  |
|-------------------------|---|--|
| Halorubrum alkaliphilum | 1 |  |
|-------------------------|---|--|

| Name  | Group | Remarks             |
|---|-------|---------------------|
| Halorubrum tebenquichense                     | 1     |                     |
| Halorubrum terrestre                          | 1     |                     |
| Halorubrum tibetense                          | 1     |                     |
| Halorubrum trapanicum                         | 1     |                     |
| old name Halobacterium trapanicum             |       |                     |
| Halorubrum vacuolatum                         | 1     |                     |
| old name Natronobacterium vacuolatum          |       |                     |
| Halorubrum xinjiangense                       | 1     |                     |
| <b>Halosimplex</b>                            |       |                     |
| Halosimplex carlsbadense                      | 1     |                     |
| <b>Haloterrigena</b>                          |       |                     |
| Haloterrigena thermotolerans                  | 1     |                     |
| Haloterrigena turkmenica                      | 1     |                     |
| <b>Halothermothrix</b>                        |       |                     |
| Halothermothrix orenii                        | 1     |                     |
| <b>Halothiobacillus</b>                       |       |                     |
| Halothiobacillus halophilus                   | 1     |                     |
| Halothiobacillus hydrothermalis               | 1     |                     |
| Halothiobacillus kellyi                       | 1     |                     |
| Halothiobacillus neapolitanus                 | 1     |                     |
| <b>Halovibrio</b>                             |       |                     |
| Halovibrio variabilis                         |       |                     |
| refer to <a href="#">Halomonas variabilis</a> |       |                     |
| <b>Helcococcus</b>                            |       |                     |
| Helcococcus kunzii                            | 2     |                     |
| Helcococcus ovis                              | 2     |                     |
| Helcococcus sueciensis                        | 2     |                     |
| <b>Helicobacter</b>                           |       |                     |
| Helicobacter acinonychis                      | 2     | <a href="#">PV</a>  |
| Helicobacter bilis                            | 2     | <a href="#">PV</a>  |
| Helicobacter bizzozeronii                     | 2     | <a href="#">TMP</a> |
| Helicobacter canadensis                       | 2     | <a href="#">PV?</a> |
| Helicobacter canis                            | 2     | <a href="#">PV</a>  |
| Helicobacter cholecystus                      | 2     | <a href="#">PV</a>  |
| Helicobacter cinaedi                          | 2     | <a href="#">PV</a>  |
| old name Campylobacter cinaedi                |       |                     |
| Helicobacter felis                            | 2     | <a href="#">PV</a>  |
| Helicobacter fennelliae                       | 2     | <a href="#">PV</a>  |
| old name Campylobacter fennelliae             |       |                     |
| Helicobacter hepaticus                        | 2     | <a href="#">PV</a>  |
| Helicobacter muridarum                        | 2     | <a href="#">PV</a>  |

| Name                            | Group | Remarks                                 |
|---------------------------------|-------|---|
| Helicobacter mustelae           | 2     | <a href="#">PV</a>                      |
| old name                        |       | Campylobacter pylori subsp. mustelae    |
| old name                        |       | Campylobacter mustelae                  |
| Helicobacter nemestrinae        | 2     |   |
| Helicobacter pametensis         | 2     | <a href="#">PV?</a>                     |
| Helicobacter pullorum           | 2     | <a href="#">PV</a>                      |
| Helicobacter pylori             | 2     |   |
| old name                        |       | Campylobacter pylori subsp. pylori      |
| old name                        |       | Campylobacter pylori                    |
| Helicobacter rodentium          | 2     | <a href="#">PV</a>                      |
| Helicobacter salomonis          | 2     | <a href="#">PV?</a>                     |
| Helicobacter trogontum          | 2     | <a href="#">PIIC</a> <a href="#">PV</a> |
| Helicobacter typhlonius         | 2     |   |
| <b>Heliobacterium</b>           |       |   |
| Heliobacterium chlorum          | 1     |   |
| Heliobacterium gestii           | 1     |   |
| Heliobacterium modesticaldum    | 1     |   |
| Heliobacterium sulfidophilum    | 1     |   |
| Heliobacterium undosum          | 1     |   |
| <b>Heliophilum</b>              |       |   |
| Heliophilum fasciatum           | 1     |   |
| <b>Heliorestis</b>              |       |   |
| Heliorestis baculata            | 1     |   |
| Heliorestis daurensis           | 1     |   |
| <b>Heliothrix</b>               |       |   |
| Heliothrix oregonensis          | 1     |   |
| <b>Herbaspirillum</b>           |       |   |
| Herbaspirillum autotrophicum    | 1     |   |
| Herbaspirillum chlorophenicum   | 1     |   |
| Herbaspirillum frisingense      | 1     |   |
| Herbaspirillum rubrisubalbicans | 2     | <a href="#">PP</a>                      |
| old name                        |       | Pseudomonas rubrisubalbicans            |
| Herbaspirillum seropedicae      | 2     | <a href="#">PP?</a>                     |
| <b>Herbidospora</b>             |       |   |
| Herbidospora cretacea           | 1     |   |
| <b>Herpetosiphon</b>            |       |   |
| Herpetosiphon aurantiacus       | 1     |   |
| Herpetosiphon cohaerens         | 1     |   |
| Herpetosiphon geysericola       | 1     |   |
| Herpetosiphon nigricans         | 1     |   |
| Herpetosiphon persicus          | 1     |   |

| Name                            | Group             | Remarks |
|---------------------------------|-------------------|---------|
| <b>Hippea</b>                   |                   |         |
| Hippea maritima                 | 1                 |         |
| <b>Hirschia</b>                 |                   |         |
| Hirschia baltica                | 1                 |         |
| <b>Histophilus</b>              |                   |         |
| Histophilus somni               | 2                 |         |
| <b>Holdemania</b>               |                   |         |
| Holdemania filiformis           | 1                 |         |
| <b>Hollandina</b>               |                   |         |
| Hollandina pterotermitidis      | 1                 |         |
| <b>Holophaga</b>                |                   |         |
| Holophaga foetida               | 1                 |         |
| <b>Holospora</b>                |                   |         |
| Holospora caryophila            | 1                 |         |
| Holospora elegans               | 1                 |         |
| Holospora obtusa                | 1                 |         |
| Holospora undulata              | 1                 |         |
| <b>Hongiella</b>                |                   |         |
| Hongiella halophila             | 1                 |         |
| Hongiella mannitolivorans       | 1                 |         |
| Hongiella marincola             | 1                 |         |
| <b>Hydrogenimonas</b>           |                   |         |
| Hydrogenimonas thermophila      | 1                 |         |
| <b>Hydrogenivirga</b>           |                   |         |
| Hydrogenivirga caldilitoris     | 1                 |         |
| <b>Hydrogenobacter</b>          |                   |         |
| Hydrogenobacter acidophilus     | 1                 |         |
| Hydrogenobacter hydrogenophilus | 1                 |         |
| Hydrogenobacter subterraneus    | 1                 |         |
| Hydrogenobacter thermophilus    | 1                 |         |
| <b>Hydrogenobaculum</b>         |                   |         |
| Hydrogenobaculum acidophilum    | 1                 |         |
| <b>Hydrogenophaga</b>           |                   |         |
| Hydrogenophaga atypica          | 1                 |         |
| Hydrogenophaga defluvii         | 1                 |         |
| Hydrogenophaga flava            | 1                 |         |
| old name                        | Pseudomonas flava |         |
| Hydrogenophaga intermedia       | 1                 |         |

| Name                                | Group | Remarks |
|-------------------------------------|-------|---------|
| Hydrogenophaga palleronii           | 1     |         |
| old name Pseudomonas palleronii     |       |         |
| Hydrogenophaga pseudoflava          | 1     |         |
| old name Pseudomonas pseudoflava    |       |         |
| Hydrogenophaga taeniospiralis       | 1     |         |
| old name Pseudomonas taeniospiralis |       |         |

### Hydrogenophilus

|                                |   |  |
|--------------------------------|---|--|
| Hydrogenophilus hirschii       | 1 |  |
| Hydrogenophilus thermoluteolus | 1 |  |

### Hydrogenothermus

|                          |   |  |
|--------------------------|---|--|
| Hydrogenothermus marinus | 1 |  |
|--------------------------|---|--|

### Hydrogenovibrio

|                         |   |  |
|-------------------------|---|--|
| Hydrogenovibrio marinus | 1 |  |
|-------------------------|---|--|

### Hyperthermus

|                        |   |  |
|------------------------|---|--|
| Hyperthermus butylicus | 1 |  |
|------------------------|---|--|

### Hyphomicrobium

|   |   |  |
|---|---|--|
| Hyphomicrobium aestuarii                      | 1 |  |
| Hyphomicrobium chloromethanicum               | 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                      |   |  |
| refer to <a href="#">Hyphomonas neptunium</a> |   |  |
| Hyphomicrobium sulfonivorans                  | 1 |  |
| Hyphomicrobium vulgare                        | 1 |  |
| Hyphomicrobium zavarzinii                     | 1 |  |

### Hyphomonas

|                                   |   |  |
|-----------------------------------|---|--|
| Hyphomonas adhaerens              | 1 |  |
| Hyphomonas hirschiana             | 1 |  |
| Hyphomonas jannaschiana           | 1 |  |
| Hyphomonas johnsonii              | 1 |  |
| Hyphomonas neptunium              | 1 |  |
| old name Hyphomicrobium neptunium |   |  |
| Hyphomonas oceanitis              | 1 |  |
| Hyphomonas polymorpha             | 1 |  |

| Name                              | Group                      | Remarks |
|-----------------------------------|----------------------------|---------|
| Hyphomonas rosenbergii            | 1                          |         |
| <b>Ideonella</b>                  |                            |         |
| Ideonella dechloratans            | 1                          |         |
| <b>Idiomarina</b>                 |                            |         |
| Idiomarina abyssalis              | 1                          |         |
| Idiomarina baltica                | 1                          |         |
| Idiomarina fontislapidosi         | 1                          |         |
| <b>Ignicoccus</b>                 |                            |         |
| Ignicoccus islandicus             | 1                          |         |
| Ignicoccus pacificus              | 1                          |         |
| <b>Ilyobacter</b>                 |                            |         |
| Ilyobacter delafieldii            | 1                          |         |
| Ilyobacter insuetus               | 1                          |         |
| Ilyobacter polytropus             | 1                          |         |
| Ilyobacter tartaricus             | 1                          |         |
| <b>Intrasporangium</b>            |                            |         |
| Intrasporangium calvum            | 1                          |         |
| <b>Iodobacter</b>                 |                            |         |
| Iodobacter fluviatilis            | 1                          |         |
| old name                          | Chromobacterium fluviatile |         |
| <b>Isobaculum</b>                 |                            |         |
| Isobaculum melis                  | 1                          |         |
| <b>Isochromatium</b>              |                            |         |
| Isochromatium buderi              | 1                          |         |
| <b>Isoptericola</b>               |                            |         |
| Isoptericola halotolerans         | 1                          |         |
| Isoptericola hypogaeus            | 1                          |         |
| Isoptericola variabilis           | 1                          |         |
| <b>Isosphaera</b>                 |                            |         |
| Isosphaera pallida                | 1                          |         |
| <b>Janibacter</b>                 |                            |         |
| Janibacter brevis                 | 1                          |         |
| Janibacter limosus                | 1                          |         |
| Janibacter melonis                | 1                          |         |
| Janibacter terrae                 | 1                          |         |
| <b>Janthinobacterium</b>          |                            |         |
| Janthinobacterium agaricidamnosum | 1                          |         |
| Janthinobacterium lividum         | 1                          |         |

| Name  | Group | Remarks            |
|---|-------|--------------------|
| <b>Jeotgalibacillus</b>   |       |                    |
| Jeotgalibacillus alimentarius   | 1     |                    |
| <b>Johnsonella</b>  |       |                    |
| Johnsonella ignava  | 2     |                    |
| <b>Jonesia</b>  |       |                    |
| Jonesia denitrificans<br>old name                      Listeria denitrificans | 2     | <a href="#">PV</a> |
| <b>Kaistia</b>  |       |                    |
| Kaistia adipata   | 1     |                    |
| <b>Ketogulonicigenium</b>   |       |                    |
| Ketogulonicigenium robustum   | 1     |                    |
| Ketogulonicigenium vulgare  | 1     |                    |
| <b>Kibdelosporangium</b>  |       |                    |
| Kibdelosporangium albatum   | 1     |                    |
| Kibdelosporangium aridum  | 1     |                    |
| Kibdelosporangium aridum subsp. aridum  | 1     |                    |
| Kibdelosporangium aridum subsp. largum  | 1     |                    |
| Kibdelosporangium philippinense   | 1     |                    |
| <b>Kineococcus</b>  |       |                    |
| Kineococcus aurantiacus   | 1     |                    |
| Kineococcus radiotolerans   | 1     |                    |
| <b>Kineosporia</b>  |       |                    |
| Kineosporia aurantiaca  | 1     |                    |
| Kineosporia mikuniensis   | 1     |                    |
| Kineosporia rhamnosa  | 1     |                    |
| Kineosporia rhizophila  | 1     |                    |
| Kineosporia succinea  | 1     |                    |
| <b>Kingella</b>   |       |                    |
| Kingella denitrificans  | 2     |                    |
| Kingella indologenes<br>refer to <a href="#">Suttonella indologenes</a>       |       |                    |
| Kingella kingae   | 2     |                    |
| Kingella oralis   | 2     |                    |
| <b>Kitasatoa</b>  |       |                    |
| Kitasatoa diplospora  | 1     |                    |
| Kitasatoa kauaiensis  | 1     |                    |
| Kitasatoa nagasakiensis   | 1     |                    |
| Kitasatoa purpurea<br>refer to <a href="#">Streptomyces purpureus</a>         |       |                    |

| Name                         | Group | Remarks                                      |
|------------------------------|-------|--|
| <b>Kitasatospora</b>         |       |  |
| Kitasatospora arboriphila    | 1     |  |
| Kitasatospora azatica        | 1     |  |
| old name                     |       | Streptomyces azaticus                        |
| Kitasatospora cheerisanensis | 1     |  |
| Kitasatospora cineracea      | 1     |  |
| Kitasatospora cochleata      | 1     |  |
| old name                     |       | Streptomyces cochleatus                      |
| Kitasatospora cystarginea    | 1     |  |
| equal synonym                |       | Streptomyces cystargineus                    |
| Kitasatospora cystarginea    |       |  |
| refer to                     |       | <a href="#">Streptomyces cystargineus</a>    |
| Kitasatospora gansuensis     | 1     |  |
| Kitasatospora griseola       | 1     |  |
| equal synonym                |       | Streptomyces griseolosporeus                 |
| Kitasatospora griseola       |       |  |
| refer to                     |       | <a href="#">Streptomyces griseolosporeus</a> |
| Kitasatospora mediocidica    | 1     |  |
| equal synonym                |       | Streptomyces mediocidicus                    |
| Kitasatospora mediocidica    |       |  |
| refer to                     |       | <a href="#">Streptomyces mediocidicus</a>    |
| Kitasatospora paracochleata  | 1     |  |
| old name                     |       | Streptomyces paracochleatus                  |
| Kitasatospora phosalacinea   | 1     |  |
| equal synonym                |       | Streptomyces phosalacineus                   |
| Kitasatospora phosalacinea   |       |  |
| refer to                     |       | <a href="#">Streptomyces phosalacineus</a>   |
| Kitasatospora setae          | 1     |  |
| equal synonym                |       | Streptomyces setae                           |
| Kitasatospora setae          |       |  |
| refer to                     |       | <a href="#">Streptomyces setae</a>           |
| Streptomyces azaticus        |       |  |
| refer to                     |       | <a href="#">Kitasatospora azatica</a>        |
| Streptomyces cochleatus      |       |  |
| refer to                     |       | <a href="#">Kitasatospora cochleata</a>      |
| Streptomyces cystargineus    |       |  |
| refer to                     |       | <a href="#">Kitasatospora cystarginea</a>    |
| Streptomyces griseolosporeus |       |  |
| refer to                     |       | <a href="#">Kitasatospora griseola</a>       |
| Streptomyces mediocidicus    |       |  |
| refer to                     |       | <a href="#">Kitasatospora mediocidica</a>    |
| Streptomyces paracochleatus  |       |  |
| refer to                     |       | <a href="#">Kitasatospora paracochleata</a>  |
| Streptomyces phosalacineus   |       |  |
| refer to                     |       | <a href="#">Kitasatospora phosalacinea</a>   |
| Streptomyces setae           |       |  |



| Name  | Group | Remarks              |
|---|-------|----------------------|
| refer to <a href="#">Kitasatospora setae</a>  |       |                      |
| <b>Klebsiella</b>   |       |                      |
| Klebsiella granulomatis   | 2     |                      |
| Klebsiella mobilis<br>refer to <a href="#">Enterobacter aerogenes</a>                                 |       |                      |
| Klebsiella mobilis<br>equal synonym Enterobacter aerogenes  | 2     |                      |
| Klebsiella ornithinolytica  | 2     |                      |
| Klebsiella oxytoca  | 2     |                      |
| Klebsiella ozaenae<br>refer to <a href="#">Klebsiella pneumoniae subsp. ozaenae</a>                   |       |                      |
| Klebsiella planticola   | 1     | <a href="#">PIIC</a> |
| Klebsiella pneumoniae<br>refer to <a href="#">Klebsiella pneumoniae subsp. pneumoniae</a>             |       |                      |
| Klebsiella pneumoniae subsp. ozaenae<br>old name Klebsiella ozaenae                                   | 2     |                      |
| Klebsiella pneumoniae subsp. pneumoniae<br>old name Klebsiella pneumoniae                             | 2     | <a href="#">TA</a>   |
| Klebsiella pneumoniae subsp. rhinoscleromatis<br>old name Klebsiella rhinoscleromatis                 | 2     |                      |
| Klebsiella rhinoscleromatis<br>refer to <a href="#">Klebsiella pneumoniae subsp. rhinoscleromatis</a> |       |                      |
| Klebsiella terrigena  | 1     | <a href="#">PIIC</a> |
| Klebsiella trevisanii   | 1     | <a href="#">PIIC</a> |
| <b>Kluyvera</b>   |       |                      |
| Kluyvera ascorbata  | 2     |                      |
| Kluyvera cochleae   | 1     |                      |
| Kluyvera cryocrescens   | 2     |                      |
| Kluyvera georgiana  | 2     | <a href="#">TMP</a>  |
| <b>Kocuria</b>  |       |                      |
| Kocuria erythromyxa<br>old name Deinococcus erythromyxa   | 1     |                      |
| Kocuria kristinae<br>old name Micrococcus kristinae   | 1     | <a href="#">PIIC</a> |
| Kocuria rosea<br>old name Micrococcus roseus  | 1     |                      |
| Kocuria varians<br>old name Micrococcus varians   | 1     |                      |
| <b>Koserella</b>  |       |                      |
| Koserella trabulsii<br>lower priority synonym Yokenella regensburgei                                  | 2     |                      |
| <b>Kurthia</b>  |       |                      |

| Name                                      | Group | Remarks   |
|---|-------|---|
| Kurthia gibsonii                          | 1     | <a href="#">PIIC</a>  |
| Kurthia sibirica                          | 1     |   |
| Kurthia zopfii                            | 1     | <a href="#">PIIC</a>  |
| <b>Kutzneria</b>                          |       |   |
| Kutzneria albida                          | 1     |   |
| old name                                  |       | Streptosporangium albidum                                   |
| Kutzneria kofuensis                       | 1     |   |
| old name                                  |       | Streptosporangium viridogriseum subsp. kofuense             |
| Kutzneria viridogrisea                    | 1     |   |
| old name                                  |       | Streptosporangium viridogriseum                             |
| old name                                  |       | Streptosporangium viridogriseum subsp. viridogriseum        |
| <b>Kytococcus</b>                         |       |   |
| Kytococcus sedentarius                    | 1     | <a href="#">PIIC</a>  |
| old name                                  |       | Micrococcus sedentarius                                     |
| <b>Labrys</b>                             |       |   |
| Labrys monachus                           | 1     |   |
| <b>Lachnospira</b>                        |       |   |
| Lachnospira multipara                     | 1     |   |
| Lachnospira pectinoschiza                 | 1     |   |
| <b>Lactobacillus</b>                      |       |   |
| Lactobacillus acetotolerans               | 1     |   |
| Lactobacillus acidifarinae                | 1     |   |
| Lactobacillus acidophilus                 | 1     | <a href="#">PIIC</a>  |
| Lactobacillus agilis                      | 1     |   |
| Lactobacillus algidus                     | 1     |   |
| Lactobacillus alimentarius                | 1     |   |
| Lactobacillus amylolyticus                | 1     |   |
| Lactobacillus amylophilus                 | 1     |   |
| Lactobacillus animalis                    | 1     |   |
| Lactobacillus aviarius subsp. araffinosus | 1     |   |
| Lactobacillus aviarius subsp. aviarius    | 1     |   |
| Lactobacillus bavaricus                   |       |   |
| refer to                                  |       | <a href="#">Lactobacillus sakei</a>                         |
| Lactobacillus bifermentans                | 1     |   |
| Lactobacillus brevis                      | 1     |   |
| Lactobacillus buchneri                    | 1     |   |
| Lactobacillus bulgaricus                  |       |   |
| refer to                                  |       | <a href="#">Lactobacillus delbrueckii subsp. bulgaricus</a> |
| Lactobacillus carnis                      |       |   |
| refer to                                  |       | <a href="#">Carnobacterium piscicola</a>                    |
| Lactobacillus casei                       | 1     |   |
| Lactobacillus casei subsp. alactosus      |       |   |

| Name  | Group | Remarks |
|---|-------|---------|
| refer to <a href="#">Lactobacillus paracasei subsp. paracasei</a> |       |         |
| Lactobacillus casei subsp. casei                                  | 1     |         |
| Lactobacillus casei subsp. pseudoplantarum                        |       |         |
| refer to <a href="#">Lactobacillus paracasei subsp. paracasei</a> |       |         |
| Lactobacillus casei subsp. rhamnosus                              |       |         |
| refer to <a href="#">Lactobacillus rhamnosus</a>                  |       |         |
| Lactobacillus casei subsp. tolerans                               |       |         |
| refer to <a href="#">Lactobacillus paracasei subsp. tolerans</a>  |       |         |
| Lactobacillus catenaformis  | 2     |         |
| Lactobacillus cellobiosus   | 1     |         |
| Lactobacillus collinoides   | 1     |         |
| Lactobacillus confusus  |       |         |
| refer to <a href="#">Weissella confusa</a>                        |       |         |
| Lactobacillus coryniformis  | 1     |         |
| Lactobacillus coryniformis subsp. coryniformis                    | 1     |         |
| Lactobacillus coryniformis subsp. torquens                        | 1     |         |
| Lactobacillus crispatus   | 1     | PIIC    |
| Lactobacillus curvatus  | 1     |         |
| Lactobacillus curvatus subsp. curvatus                            | 1     |         |
| Lactobacillus curvatus subsp. melibiosus                          | 1     |         |
| Lactobacillus delbrueckii   | 1     |         |
| Lactobacillus delbrueckii subsp. bulgaricus                       | 1     |         |
| old name Lactobacillus bulgaricus                                 |       |         |
| Lactobacillus delbrueckii subsp. delbrueckii                      | 1     |         |
| Lactobacillus delbrueckii subsp. indicus                          | 1     |         |
| Lactobacillus delbrueckii subsp. lactis                           | 1     |         |
| lower priority synonym Lactobacillus leichmannii                  |       |         |
| old name Lactobacillus lactis                                     |       |         |
| Lactobacillus divergens   |       |         |
| refer to <a href="#">Carnobacterium divergens</a>                 |       |         |
| Lactobacillus farciminis  | 1     |         |
| Lactobacillus fermentum   | 1     |         |
| Lactobacillus fornicalis  | 1     |         |
| Lactobacillus fructivorans  | 1     |         |
| lower priority synonym Lactobacillus heterohiochii                |       |         |
| lower priority synonym Lactobacillus trichodes                    |       |         |
| Lactobacillus fructosus   | 1     |         |
| Lactobacillus gallinarum  | 1     |         |
| Lactobacillus gasseri   | 1     | PIIC    |
| Lactobacillus graminis  | 1     |         |
| Lactobacillus halotolerans  |       |         |
| refer to <a href="#">Weissella halotolerans</a>                   |       |         |
| Lactobacillus hammesii  | 1     |         |

| Name  | Group | Remarks              |
|---|-------|----------------------|
| Lactobacillus hamsteri  | 1     |                      |
| Lactobacillus helveticus  | 1     |                      |
| Lactobacillus heterohiochii<br>refer to <a href="#">Lactobacillus fructivorans</a>            |       |                      |
| Lactobacillus hilgardii   | 1     |                      |
| Lactobacillus homohiochii   | 1     |                      |
| Lactobacillus iners   | 1     |                      |
| Lactobacillus intestinalis  | 1     |                      |
| Lactobacillus jensenii  | 1     |                      |
| Lactobacillus johnsonii   | 1     | <a href="#">PIIC</a> |
| Lactobacillus kandleri<br>refer to <a href="#">Weissella kandleri</a>                         |       |                      |
| Lactobacillus kefiranofaciens   | 1     |                      |
| Lactobacillus kefiranofaciens subsp. kefiranofaciens  | 1     |                      |
| Lactobacillus kefiranofaciens subsp. kefirgranum  | 1     |                      |
| Lactobacillus kefirgranum   | 1     |                      |
| Lactobacillus kefiri  | 1     |                      |
| Lactobacillus lactis<br>refer to <a href="#">Lactobacillus delbrueckii subsp. lactis</a>      |       |                      |
| Lactobacillus leichmannii<br>refer to <a href="#">Lactobacillus delbrueckii subsp. lactis</a> |       |                      |
| Lactobacillus lindneri  | 1     |                      |
| Lactobacillus malefermentans  | 1     |                      |
| Lactobacillus mali<br>lower priority syn-<br>onym      Lactobacillus yamanashiensis           | 1     |                      |
| Lactobacillus maltaromicus  | 1     |                      |
| Lactobacillus minor<br>refer to <a href="#">Weissella minor</a>                               |       |                      |
| Lactobacillus minutus<br>refer to <a href="#">Atopobium minutum</a>                           |       |                      |
| Lactobacillus mucosae   | 1     |                      |
| Lactobacillus murinus   | 1     |                      |
| Lactobacillus oris  | 1     |                      |
| Lactobacillus panis   | 1     |                      |
| Lactobacillus parabuchneri  | 1     |                      |
| Lactobacillus paracasei   | 1     |                      |
| Lactobacillus paracasei subsp. paracasei  | 1     |                      |
| old name      Lactobacillus casei subsp. pseudoplantarum                                      |       |                      |
| old name      Lactobacillus casei subsp. alactosus  |       |                      |
| Lactobacillus paracasei subsp. tolerans   | 1     |                      |
| old name      Lactobacillus casei subsp. tolerans   |       |                      |
| Lactobacillus parakefiri  | 1     |                      |
| Lactobacillus paraplantarum   | 1     |                      |
| Lactobacillus pentosus  | 1     |                      |

| Name   | Group | Remarks              |
|--|-------|----------------------|
| Lactobacillus piscicola<br>refer to <a href="#">Carnobacterium piscicola</a>   |       |                      |
| Lactobacillus plantarum  | 1     | <a href="#">PIIC</a> |
| Lactobacillus pontis   | 1     |                      |
| Lactobacillus reuteri  | 1     |                      |
| Lactobacillus rhamnosus<br>old name Lactobacillus casei subsp. rhamnosus<br>Many strains of L. rhamnosus are classified risk class 1 and are used as food and feed bacteria or as probiotics. However some strains are assumed to be opportunistic pathogens | 1     | <a href="#">PIIC</a> |
| Lactobacillus rimae<br>refer to <a href="#">Atopobium rimae</a>  |       |                      |
| Lactobacillus rogosae  | 1     |                      |
| Lactobacillus ruminis  | 1     |                      |
| Lactobacillus sakei<br>lower priority synonym Lactobacillus bavaricus  | 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<br>refer to <a href="#">Lactobacillus fructivorans</a>   |       |                      |
| Lactobacillus uli  | 2     |                      |
| Lactobacillus vaccinostercus   | 1     |                      |
| Lactobacillus vaginalis  | 1     | <a href="#">PIIC</a> |
| Lactobacillus viridescens<br>refer to <a href="#">Weissella viridescens</a>  |       |                      |
| Lactobacillus vitulinus  | 1     |                      |
| Lactobacillus xylosus<br>refer to <a href="#">Lactococcus lactis subsp. lactis</a>   |       |                      |
| Lactobacillus yamanashiensis<br>refer to <a href="#">Lactobacillus mali</a>  |       |                      |
| Lactobacillus zeae   | 1     |                      |
| <b>Lactococcus</b>   |       |                      |
| Lactococcus garvieae<br>lower priority synonym Enterococcus seriolicida<br>old name Streptococcus garvieae<br>Important fish pathogen.   | 2     | <a href="#">PV</a>   |
| Lactococcus lactis   | 1     |                      |
| Lactococcus lactis subsp. cremoris   | 1     |                      |

| Name                               |   | Group | Remarks              |
|------------------------------------|---|-------|----------------------|
| old name                           | Streptococcus cremoris                    |       |                      |
| old name                           | Streptococcus lactis subsp. cremoris      |       |                      |
| Lactococcus lactis subsp. hordniae |   | 1     |                      |
| Lactococcus lactis subsp. lactis   |   | 1     |                      |
| lower priority synonym             | Lactobacillus xylosus                     |       |                      |
| lower priority synonym             | Streptococcus lactis subsp. diacetylactis |       |                      |
| old name                           | Streptococcus lactis                      |       |                      |
| Lactococcus piscium                |   | 1     |                      |
| Lactococcus plantarum              |   | 1     |                      |
| old name                           | Streptococcus plantarum                   |       |                      |
| Lactococcus raffinolactis          |   | 1     |                      |
| old name                           | Streptococcus raffinolactis               |       |                      |
| <b>Lactosphaera</b>                |   |       |                      |
| Lactosphaera pasteurii             |   | 1     |                      |
| old name                           | Ruminococcus pasteurii                    |       |                      |
| <b>Lamprobacter</b>                |   |       |                      |
| Lamprobacter modestohalophilus     |   | 1     |                      |
| <b>Lamprocystis</b>                |   |       |                      |
| Lamprocystis roseopersicina        |   | 1     |                      |
| <b>Lampropedia</b>                 |   |       |                      |
| Lampropedia hyalina                |   | 1     |                      |
| <b>Lautropia</b>                   |   |       |                      |
| Lautropia mirabilis                |   | 1     |                      |
| <b>Lawsonia</b>                    |   |       |                      |
| Lawsonia intracellularis           |   | 2     | <a href="#">PV</a>   |
| <b>Leclercia</b>                   |   |       |                      |
| Leclercia adecarboxylata           |   | 2     |                      |
| old name                           | Escherichia adecarboxylata                |       |                      |
| <b>Legionella</b>                  |   |       |                      |
| Legionella adelaidensis            |   | 1     | <a href="#">PIIC</a> |
| Legionella anisa                   |   | 2     |                      |
| Legionella birminghamensis         |   | 2     |                      |
| Legionella bozemaniae              |   |       |                      |
| refer to                           | <a href="#">Fluoribacter bozemaniae</a>   |       |                      |
| Legionella brunensis               |   | 1     | <a href="#">PIIC</a> |
| Legionella cherrii                 |   | 1     | <a href="#">PIIC</a> |
| Legionella cincinnatiensis         |   | 2     |                      |
| Legionella dumoffii                |   |       |                      |
| refer to                           | <a href="#">Fluoribacter dumoffii</a>     |       |                      |
| Legionella erythra                 |   | 1     | <a href="#">PIIC</a> |

| Name                                      | Group | Remarks                                |
|---|-------|--|
| Legionella fairfieldensis                 | 1     | <a href="#">PIIC</a>                   |
| Legionella feeleeii                       | 2     |  |
| Legionella geestiana                      | 1     |  |
| Legionella gormanii<br>refer to           |       | <a href="#">Fluoribacter gormanii</a>  |
| Legionella gratiana                       | 1     | <a href="#">PIIC</a>                   |
| Legionella hackeliae                      | 2     |  |
| Legionella israelensis                    | 1     | <a href="#">PIIC</a>                   |
| Legionella jamestowniensis                | 1     | <a href="#">PIIC</a>                   |
| Legionella jordanis                       | 2     |  |
| Legionella lansingensis                   | 2     |  |
| Legionella londiniensis                   | 1     |  |
| Legionella longbeachae                    | 2     |  |
| Legionella lytica<br>old name             | 1     | <a href="#">PI</a>                     |
|   |       | Sarcobium lyticum                      |
| Legionella lytica<br>refer to             |       | <a href="#">Sarcobium lyticum</a>      |
| Legionella maceachernii<br>refer to       |       | <a href="#">Tatlockia maceachernii</a> |
| Legionella micdadei<br>refer to           |       | <a href="#">Tatlockia micdadei</a>     |
| Legionella moravica                       | 1     | <a href="#">PIIC</a>                   |
| Legionella nautarum                       | 1     |  |
| Legionella oakridgensis                   | 2     |  |
| Legionella parisiensis                    | 1     | <a href="#">PIIC</a>                   |
| Legionella pittsburghensis<br>refer to    |       | <a href="#">Tatlockia micdadei</a>     |
| Legionella pneumophila                    | 2     |  |
| Legionella pneumophila subsp. fraseri     | 2     |  |
| Legionella pneumophila subsp. pascullei   | 2     |  |
| Legionella pneumophila subsp. pneumophila | 2     |  |
| Legionella quateirensis                   | 1     |  |
| Legionella quinlivanii                    | 1     | <a href="#">PIIC</a>                   |
| Legionella rubrilucens                    | 1     |  |
| Legionella sainthelensi                   | 2     |  |
| Legionella santicrucis                    | 1     | <a href="#">PIIC</a>                   |
| Legionella shakespearei                   | 1     |  |
| Legionella spiritensis                    | 1     |  |
| Legionella steigerwaltii                  | 1     | <a href="#">PIIC</a>                   |
| Legionella tucsonensis                    | 2     |  |
| Legionella wadsworthii                    | 2     |  |
| Legionella waltersii                      | 1     |  |
| Legionella worsleiensis                   | 1     |  |

| Name  | Group | Remarks              |
|---|-------|----------------------|
| <b>Leminorella</b>  |       |                      |
| Leminorella grimontii   | 1     | <a href="#">PIIC</a> |
| Leminorella richardii   | 1     | <a href="#">PIIC</a> |
| <b>Lentzea</b>  |       |                      |
| Lentzea albida  | 1     |                      |
| Lentzea albidocapillata   | 1     | <a href="#">PIIC</a> |
| Lentzea californiensis  | 1     |                      |
| Lentzea flaviverrucosa  | 1     |                      |
| Lentzea violacea  | 1     |                      |
| Lentzea waywayandensis  | 1     |                      |
| <b>Leptonema</b>  |       |                      |
| Leptonema illini  | 1     |                      |
| <b>Leptospira</b>   |       |                      |
| Leptospira alexanderi   | 2     |                      |
| Leptospira biflexa  | 2     |                      |
| Leptospira borgpetersenii   | 2     |                      |
| Leptospira fainei   | 2     |                      |
| Leptospira inadai   | 2     |                      |
| Leptospira interrogans  | 2     |                      |
| Leptospira kirschneri   | 2     |                      |
| Leptospira meyeri   | 2     |                      |
| Leptospira noguchii   | 2     |                      |
| Leptospira parva  | 2     |                      |
| Leptospira santarosai   | 2     |                      |
| Leptospira weilii   | 2     |                      |
| Leptospira wolbachii  | 2     |                      |
| <b>Leptothrix</b>   |       |                      |
| Leptothrix cholodnii  | 1     |                      |
| Leptothrix discophora   | 1     |                      |
| Leptothrix lopholea   | 1     |                      |
| Leptothrix mobilis  | 1     |                      |
| Leptothrix ochracea   | 1     |                      |
| <b>Leptotrichia</b>   |       |                      |
| Leptotrichia buccalis   | 1     | <a href="#">PIIC</a> |
| <b>Leucobacter</b>  |       |                      |
| Leucobacter komagatae   | 1     | <a href="#">PP?</a>  |
| <b>Leuconostoc</b>  |       |                      |
| Leuconostoc amelibiosum<br>refer to <a href="#">Leuconostoc citreum</a> |       |                      |
| Leuconostoc argentinum  | 1     |                      |



| Name  | Group | Remarks                |
|---|-------|------------------------|
| Leuconostoc carnosum  | 1     |                        |
| Leuconostoc citreum   | 1     | <a href="#">PIIC</a>   |
| lower priority synonym<br>Leuconostoc amelibiosum                     |       |                        |
| Leuconostoc cremoris  |       |                        |
| refer to <a href="#">Leuconostoc mesenteroides subsp. cremoris</a>    |       |                        |
| Leuconostoc dextranicum   |       |                        |
| refer to <a href="#">Leuconostoc mesenteroides subsp. dextranicum</a> |       |                        |
| Leuconostoc durionis  | 1     |                        |
| Leuconostoc fallax  | 1     |                        |
| Leuconostoc ficulneum   | 1     |                        |
| Leuconostoc fructosum   | 1     |                        |
| Leuconostoc gelidum   | 1     |                        |
| Leuconostoc lactis  | 1     |                        |
| Leuconostoc mesenteroides   | 1     |                        |
| Leuconostoc mesenteroides subsp. cremoris                             | 1     |                        |
| old name Leuconostoc cremoris   |       |                        |
| Leuconostoc mesenteroides subsp. dextranicum                          | 1     | <a href="#">PIIC</a>   |
| old name Leuconostoc dextranicum                                      |       |                        |
| Leuconostoc mesenteroides subsp. mesenteroides                        | 1     | <a href="#">PIIC</a>   |
| Leuconostoc oeni  |       |                        |
| refer to <a href="#">Oenococcus oeni</a>                              |       |                        |
| Leuconostoc paramesenteroides   |       |                        |
| refer to <a href="#">Weissella paramesenteroides</a>                  |       |                        |
| Leuconostoc pseudomesenteroides                                       | 1     | <a href="#">PIIC</a>   |
| <b>Leucothrix</b>   |       |                        |
| Leucothrix mucor  | 1     |                        |
| <b>Levinea</b>  |       |                        |
| Levinea amalonatica   |       |                        |
| refer to <a href="#">Citrobacter amalonaticus</a>                     |       |                        |
| Levinea malonatica  | 2     |                        |
| <b>Liberobacter</b>   |       |                        |
| Liberobacter africanum  | 3     | <a href="#">PP QUA</a> |
| Liberobacter asiaticum  | 3     | <a href="#">PP QUA</a> |
| <b>Listeria</b>   |       |                        |
| Listeria denitrificans  |       |                        |
| refer to <a href="#">Jonesia denitrificans</a>                        |       |                        |
| Listeria grayi  | 1     |                        |
| lower priority synonym<br>Listeria murrayi                            |       |                        |
| Listeria innocua  | 1     |                        |
| Listeria ivanovii   | 2     |                        |
| Listeria ivanovii subsp. ivanovii                                     | 2     |                        |

| Name  | Group | Remarks |
|---|-------|---------|
| <i>Listeria ivanovii</i> subsp. <i>londoniensis</i>   | 2     |         |
| <i>Listeria monocytogenes</i>   | 2     |         |
| <i>Listeria murrayi</i><br>refer to <a href="#">Listeria grayi</a>                                |       |         |
| <i>Listeria seeligeri</i>   | 1     | PIIC    |
| <i>Listeria welshimeri</i>  | 1     | PIIC    |
| <b>Listonella</b>   |       |         |
| <i>Listonella anguillarum</i><br>old name <i>Vibrio anguillarum</i>                               | 2     | PV      |
| <i>Listonella damsela</i>   | 2     |         |
| <i>Listonella damsela</i><br>refer to <a href="#">Photobacterium damsela</a>                      |       |         |
| <i>Listonella pelagia</i><br>old name <i>Vibrio pelagius</i><br>old name <i>Beneckeia pelagia</i> | 2     |         |
| <b>Lonopinella</b>  |       |         |
| <i>Lonopinella koalarum</i>   | 1     |         |
| <b>Lucibacterium</b>  |       |         |
| <i>Lucibacterium harveyi</i><br>refer to <a href="#">Vibrio harveyi</a>                           |       |         |
| <b>Luteococcus</b>  |       |         |
| <i>Luteococcus japonicus</i>  | 1     |         |
| <b>Lysobacter</b>   |       |         |
| <i>Lysobacter antibioticus</i>  | 1     |         |
| <i>Lysobacter brunescens</i>  | 1     |         |
| <i>Lysobacter enzymogenes</i>   | 1     |         |
| <b>Lyticum</b>  |       |         |
| <i>Lyticum flagellatum</i>  | 1     |         |
| <i>Lyticum sinuosum</i>   | 1     |         |
| <b>Macromonas</b>   |       |         |
| <i>Macromonas bipunctata</i>  | 1     |         |
| <i>Macromonas mobilis</i>   | 1     |         |
| <b>Magnetospirillum</b>   |       |         |
| <i>Magnetospirillum gryphiswaldense</i>   | 1     |         |
| <i>Magnetospirillum magnetotacticum</i><br>old name <i>Aquaspirillum magnetotacticum</i>          | 1     |         |
| <b>Malonomonas</b>  |       |         |
| <i>Malonomonas rubra</i>  | 1     |         |
| <b>Mannheimia</b>   |       |         |
| <i>Mannheimia glucosida</i>   | 2     |         |

| Name   | Group | Remarks |
|--|-------|---------|
| Mannheimia granulomatis                          | 2     |         |
| Mannheimia haemolytica                           | 2     |         |
| Mannheimia ruminalis                             | 2     |         |
| Mannheimia varigena                              | 2     |         |
| <b>Marinilabilia</b>                             |       |         |
| Marinilabilia agarovorans                        | 1     |         |
| old name            Cytophaga agarovorans        |       |         |
| Marinilabilia salmonicolor                       | 1     |         |
| old name            Cytophaga salmonicolor       |       |         |
| <b>Marinobacter</b>                              |       |         |
| Marinobacter hydrocarbonoclasticus               | 1     |         |
| <b>Marinobacterium</b>                           |       |         |
| Marinobacterium georgiense                       | 1     |         |
| <b>Marinococcus</b>                              |       |         |
| Marinococcus albus                               | 1     |         |
| Marinococcus halophilus                          | 1     |         |
| old name            Planococcus halophilus       |       |         |
| Marinococcus hispanicus                          |       |         |
| refer to <a href="#">Salinicoccus hispanicus</a> |       |         |
| <b>Marinomonas</b>                               |       |         |
| Marinomonas communis                             | 1     |         |
| equal synonym    Oceanospirillum commune         |       |         |
| old name            Alteromonas communis         |       |         |
| Marinomonas communis                             |       |         |
| refer to <a href="#">Oceanospirillum commune</a> |       |         |
| Marinomonas vaga                                 | 1     |         |
| equal synonym    Oceanospirillum vagum           |       |         |
| old name            Alteromonas vaga             |       |         |
| Marinomonas vaga                                 |       |         |
| refer to <a href="#">Oceanospirillum vagum</a>   |       |         |
| <b>Megamonas</b>                                 |       |         |
| Megamonas hypermegale                            | 1     |         |
| old name            Bacteroides hypermegalalis   |       |         |
| <b>Megasphaera</b>                               |       |         |
| Megasphaera cerevisiae                           | 1     |         |
| Megasphaera elsdenii                             | 2     |         |
| <b>Meiothermus</b>                               |       |         |
| Meiothermus cerbereus                            | 1     |         |
| Meiothermus chliarophilus                        | 1     |         |
| old name            Thermus chliarophilus        |       |         |
| Meiothermus ruber                                | 1     |         |
| old name            Thermus ruber                |       |         |

| Name  | Group | Remarks                                 |
|---|-------|---|
| Meiothermus silvanus                          | 1     |   |
| old name            Thermus silvanus          |       |   |
| <b>Melissococcus</b>                          |       |   |
| Melissococcus plutonius                       | 2     | <a href="#">PI</a>                      |
| <b>Melittangium</b>                           |       |   |
| Melittangium alboraceum                       | 1     |   |
| Melittangium boletus                          | 1     |   |
| Melittangium lichenicola                      | 1     |   |
| <b>Meniscus</b>                               |       |   |
| Meniscus glaucopis                            | 1     |   |
| <b>Mesophilobacter</b>                        |       |   |
| Mesophilobacter marinus                       | 1     |   |
| <b>Mesoplasma</b>                             |       |   |
| Mesoplasma chauliocola                        | 1     | <a href="#">PI?</a> <a href="#">PP?</a> |
| Mesoplasma coleopterae                        | 1     | <a href="#">PI?</a> <a href="#">PP?</a> |
| Mesoplasma corruscae                          | 1     | <a href="#">PI?</a> <a href="#">PP?</a> |
| Mesoplasma entomophilum                       | 1     |   |
| old name            Acholeplasma entomophilum |       |   |
| Mesoplasma florum                             | 1     |   |
| old name            Acholeplasma florum       |       |   |
| Mesoplasma grammopterae                       | 1     | <a href="#">PI?</a> <a href="#">PP?</a> |
| Mesoplasma lactucae                           | 1     |   |
| old name            Mycoplasma lactucae       |       |   |
| Mesoplasma photuris                           | 1     | <a href="#">PI?</a> <a href="#">PP?</a> |
| Mesoplasma pleciae                            | 1     | <a href="#">PI?</a> <a href="#">PP?</a> |
| Mesoplasma seiffertii                         | 1     |   |
| old name            Acholeplasma seiffertii   |       |   |
| Mesoplasma syrphidae                          | 1     | <a href="#">PI?</a> <a href="#">PP?</a> |
| Mesoplasma tabanidae                          | 1     | <a href="#">PI?</a> <a href="#">PP?</a> |
| <b>Mesorhizobium</b>                          |       |   |
| Mesorhizobium chacoense                       | 1     |   |
| Mesorhizobium ciceri                          | 1     |   |
| old name            Rhizobium ciceri          |       |   |
| Mesorhizobium huakuii                         | 1     |   |
| old name            Rhizobium huakuii         |       |   |
| Mesorhizobium loti                            | 1     |   |
| old name            Rhizobium loti            |       |   |
| Mesorhizobium mediterraneum                   | 1     |   |
| old name            Rhizobium mediterraneum   |       |   |
| Mesorhizobium plurifarum                      | 1     |   |
| old name            Rhizobium plurifarum      |       |   |
| Mesorhizobium septentrionale                  | 1     |   |

| Name  | Group | Remarks |
|---|-------|---------|
| Mesorhizobium temperatum                                      | 1     |         |
| Mesorhizobium tianshanense                                    | 1     |         |
| old name Rhizobium tianshanense                               |       |         |
| <b>Metallosphaera</b>   |       |         |
| Metallosphaera prunae   | 1     |         |
| Metallosphaera sedula   | 1     |         |
| <b>Methanobacterium</b>                                       |       |         |
| Methanobacterium aarhusense                                   | 1     |         |
| Methanobacterium alcaliphilum                                 | 1     |         |
| Methanobacterium arbophilicum                                 |       |         |
| refer to <a href="#">Methanobrevibacter arboriphilicus</a>    |       |         |
| Methanobacterium beijingense                                  | 1     |         |
| Methanobacterium bryantii                                     | 1     |         |
| Methanobacterium congolense                                   | 1     |         |
| Methanobacterium defluvii                                     | 1     |         |
| Methanobacterium espanolae                                    | 1     |         |
| Methanobacterium formicicum                                   | 1     |         |
| Methanobacterium ivanovii                                     | 1     |         |
| Methanobacterium mobile                                       |       |         |
| refer to <a href="#">Methanomicrobium mobile</a>              |       |         |
| Methanobacterium oryzae                                       | 1     |         |
| Methanobacterium palustre                                     | 1     |         |
| Methanobacterium ruminantium                                  |       |         |
| refer to <a href="#">Methanobrevibacter ruminantium</a>       |       |         |
| Methanobacterium subterraneum                                 | 1     |         |
| Methanobacterium thermaggregans                               | 1     |         |
| Methanobacterium thermalcaliphilum                            | 1     |         |
| Methanobacterium thermautotrophicum                           | 1     |         |
| Methanobacterium thermoaggregans                              | 1     |         |
| Methanobacterium thermoalcaliphilum                           |       |         |
| refer to <a href="#">Methanobacterium thermoautotrophicum</a> |       |         |
| Methanobacterium thermoautotrophicum                          | 1     |         |
| old name Methanobacterium thermoalcaliphilum                  |       |         |
| Methanobacterium thermoflexum                                 | 1     |         |
| Methanobacterium thermoformicicum                             | 1     |         |
| Methanobacterium thermophilum                                 | 1     |         |
| Methanobacterium uliginosum                                   | 1     |         |
| Methanobacterium wolfei                                       | 1     |         |
| <b>Methanobrevibacter</b>                                     |       |         |
| Methanobrevibacter arboriphilicus                             | 1     |         |
| old name Methanobacterium arbophilicum                        |       |         |
| Methanobrevibacter curvatus                                   | 1     |         |
| Methanobrevibacter cuticularis                                | 1     |         |

| Name  | Group | Remarks |
|---|-------|---------|
| Methanobrevibacter oralis                             | 1     |         |
| Methanobrevibacter ruminantium                        | 1     |         |
| old name            Methanobacterium ruminantium      |       |         |
| Methanobrevibacter smithii                            | 1     |         |
| <b>Methanococcoides</b>                               |       |         |
| Methanococcoides burtonii                             | 1     |         |
| Methanococcoides methylutens                          | 1     |         |
| <b>Methanococcus</b>                                  |       |         |
| Methanococcus deltae                                  |       |         |
| refer to <a href="#">Methanococcus maripaludis</a>    |       |         |
| Methanococcus frisius                                 |       |         |
| refer to <a href="#">Methanosarcina mazei</a>         |       |         |
| Methanococcus halophilus                              |       |         |
| refer to <a href="#">Methanohalophilus halophilus</a> |       |         |
| Methanococcus igneus                                  | 1     |         |
| Methanococcus jannaschii                              | 1     |         |
| Methanococcus maripaludis                             | 1     |         |
| old name            Methanococcus deltae              |       |         |
| Methanococcus mazei                                   |       |         |
| refer to <a href="#">Methanosarcina mazei</a>         |       |         |
| Methanococcus thermolithotrophicus                    | 1     |         |
| Methanococcus vanniellii                              | 1     |         |
| Methanococcus voltae                                  | 1     |         |
| Methanococcus vulcanius                               | 1     |         |
| <b>Methanocorpusculum</b>                             |       |         |
| Methanocorpusculum aggregans                          | 1     |         |
| old name            Methanogenium aggregans           |       |         |
| Methanocorpusculum bavaricum                          | 1     |         |
| Methanocorpusculum labreanum                          | 1     |         |
| Methanocorpusculum parvum                             | 1     |         |
| Methanocorpusculum sinense                            | 1     |         |
| <b>Methanoculleus</b>                                 |       |         |
| Methanoculleus bourgensis                             | 1     |         |
| old name            Methanogenium bourgense           |       |         |
| Methanoculleus marisnigri                             | 1     |         |
| old name            Methanogenium marisnigri          |       |         |
| Methanoculleus olentangyi                             | 1     |         |
| old name            Methanogenium olentangyi          |       |         |
| Methanoculleus thermophilicus                         | 1     |         |
| old name            Methanogenium thermophilicum      |       |         |
| <b>Methanogenium</b>                                  |       |         |
| Methanogenium aggregans                               |       |         |
| refer to <a href="#">Methanocorpusculum aggregans</a> |       |         |

| Name                         | Group | Remarks                                       |
|------------------------------|-------|---|
| Methanogenium bourgense      |       |   |
| refer to                     |       | <a href="#">Methanoculleus bourgensis</a>     |
| Methanogenium cariaci        | 1     |   |
| Methanogenium frigidum       | 1     |   |
| Methanogenium frittonii      | 1     |   |
| Methanogenium liminatans     | 1     |   |
| Methanogenium marisnigri     |       |   |
| refer to                     |       | <a href="#">Methanoculleus marisnigri</a>     |
| Methanogenium olentangyi     |       |   |
| refer to                     |       | <a href="#">Methanoculleus olentangyi</a>     |
| Methanogenium organophilum   | 1     |   |
| Methanogenium tationis       | 1     |   |
| Methanogenium thermophilicum |       |   |
| refer to                     |       | <a href="#">Methanoculleus thermophilicus</a> |

### Methanohalobium

|                             |   |  |
|-----------------------------|---|--|
| Methanohalobium evestigatum | 1 |  |
|-----------------------------|---|--|

### Methanohalophilus

|                                 |   |                          |
|---------------------------------|---|--------------------------|
| Methanohalophilus halophilus    | 1 |                          |
| old name                        |   | Methanococcus halophilus |
| Methanohalophilus mahii         | 1 |                          |
| Methanohalophilus oregonensis   | 1 |                          |
| Methanohalophilus portucalensis | 1 |                          |
| Methanohalophilus zhilinae      | 1 |                          |

### Methanolacinia

|                         |   |                           |
|-------------------------|---|---------------------------|
| Methanolacinia paynteri | 1 |                           |
| old name                |   | Methanomicrobium paynteri |

### Methanolobus

|                          |   |   |
|--------------------------|---|---|
| Methanolobus bombayensis | 1 |   |
| Methanolobus siciliae    |   |   |
| refer to                 |   | <a href="#">Methanosarcina siciliae</a> |
| Methanolobus taylorii    | 1 |   |
| Methanolobus tindarius   | 1 |   |
| Methanolobus vulcani     | 1 |   |

### Methanomicrobium

|                           |   |   |
|---------------------------|---|---|
| Methanomicrobium mobile   | 1 |   |
| old name                  |   | Methanobacterium mobile                 |
| Methanomicrobium paynteri |   |   |
| refer to                  |   | <a href="#">Methanolacinia paynteri</a> |

### Methanoplanus

|                             |   |  |
|-----------------------------|---|--|
| Methanoplanus endosymbiosus | 1 |  |
| Methanoplanus limicola      | 1 |  |

| Name                                     | Group                                | Remarks |
|--|--------------------------------------|---------|
| <b>Methanopyrus</b>                      |                                      |         |
| Methanopyrus kandleri                    | 1                                    |         |
| <b>Methanosaeta</b>                      |                                      |         |
| Methanosaeta concilii                    | 1                                    |         |
| old name                                 | Methanotherix concilii               |         |
| Methanosaeta thermoacetophila            | 1                                    |         |
| old name                                 | Methanotherix thermoacetophila       |         |
| <b>Methanosarcina</b>                    |                                      |         |
| Methanosarcina acetivorans               | 1                                    |         |
| Methanosarcina barkeri                   | 1                                    |         |
| Methanosarcina frisia                    |                                      |         |
| refer to                                 | <a href="#">Methanosarcina mazei</a> |         |
| Methanosarcina mazei                     | 1                                    |         |
| lower priority syn-onym                  | Methanosarcina frisia                |         |
| old name                                 | Methanococcus mazei                  |         |
| old name                                 | Methanococcus frisius                |         |
| Methanosarcina methanica                 | 1                                    |         |
| Methanosarcina siciliae                  | 1                                    |         |
| old name                                 | Methanolobus siciliae                |         |
| Methanosarcina thermophila               | 1                                    |         |
| Methanosarcina vacuolata                 | 1                                    |         |
| <b>Methanosphaera</b>                    |                                      |         |
| Methanosphaera cuniculi                  | 1                                    |         |
| Methanosphaera stadtmanae                | 1                                    |         |
| <b>Methanospirillum</b>                  |                                      |         |
| Methanospirillum hungatei                | 1                                    |         |
| <b>Methanothermobacter</b>               |                                      |         |
| Methanothermobacter defluvii             | 1                                    |         |
| Methanothermobacter marburgensis         | 1                                    |         |
| Methanothermobacter thermautotrophicus   | 1                                    |         |
| Methanothermobacter thermoflexus         | 1                                    |         |
| Methanothermobacter thermophilus         | 1                                    |         |
| Methanothermobacter wolfeii              | 1                                    |         |
| <b>Methanothermococcus</b>               |                                      |         |
| Methanothermococcus okinawensis          | 1                                    |         |
| Methanothermococcus thermolithotrophicus | 1                                    |         |
| <b>Methanothermus</b>                    |                                      |         |
| Methanothermus fervidus                  | 1                                    |         |
| Methanothermus sociabilis                | 1                                    |         |
| <b>Methanotherix</b>                     |                                      |         |



| Name                           | Group | Remarks                                       |
|--------------------------------|-------|---|
| Methanotherx concilii          |       |   |
| refer to                       |       | <a href="#">Methanosaeta concilii</a>         |
| Methanotherx soehngeni         | 1     |   |
| Methanotherx thermoacetophila  |       |   |
| refer to                       |       | <a href="#">Methanosaeta thermoacetophila</a> |
| Methanotherx thermophila       | 1     |   |
| <b>Methylobacillus</b>         |       |   |
| Methylobacillus glycoenes      | 1     |   |
| <b>Methylobacter</b>           |       |   |
| Methylobacter agilis           |       |   |
| refer to                       |       | <a href="#">Methylomicrobium agile</a>        |
| Methylobacter albus            |       |   |
| refer to                       |       | <a href="#">Methylomicrobium album</a>        |
| Methylobacter luteus           | 1     |   |
| lower priority syn-<br>onym    |       | Methylococcus bovis                           |
| old name                       |       | Methylococcus luteus                          |
| Methylobacter marinus          | 1     |   |
| Methylobacter pelagicus        |       |   |
| refer to                       |       | <a href="#">Methylomicrobium pelagicum</a>    |
| Methylobacter whittenburyi     | 1     |   |
| lower priority syn-<br>onym    |       | Methylococcus vinelandii                      |
| <b>Methylobacterium</b>        |       |   |
| Methylobacterium aminovorans   | 1     |   |
| Methylobacterium extorquens    | 1     |   |
| old name                       |       | Protomonas extorquens                         |
| Methylobacterium fujiisawaense | 1     |   |
| Methylobacterium mesophilicum  | 1     | <a href="#">PIIC</a>                          |
| old name                       |       | Pseudomonas mesophila                         |
| Methylobacterium organophilum  | 1     |   |
| Methylobacterium radiotolerans | 1     |   |
| old name                       |       | Pseudomonas radora                            |
| Methylobacterium rhodesianum   | 1     |   |
| Methylobacterium rhodinum      | 1     |   |
| old name                       |       | Pseudomonas rhodos                            |
| Methylobacterium zatmanii      | 1     |   |
| <b>Methylocella</b>            |       |   |
| Methylocella tundrae           | 1     |   |
| <b>Methylococcus</b>           |       |   |
| Methylococcus bovis            |       |   |
| refer to                       |       | <a href="#">Methylobacter luteus</a>          |
| Methylococcus capsulatus       | 1     |   |
| Methylococcus chroococcus      | 1     |   |

| Name   | Group | Remarks |
|--|-------|---------|
| Methylococcus luteus<br>refer to <a href="#">Methylobacter luteus</a>                            |       |         |
| Methylococcus mobilis  | 1     |         |
| Methylococcus thermophilus   | 1     |         |
| Methylococcus vinelandii<br>refer to <a href="#">Methylobacter whittenburyi</a>                  |       |         |
| Methylococcus whittenburyi   | 1     |         |
| <b>Methylocystis</b>   |       |         |
| Methylocystis echinoides   | 1     |         |
| Methylocystis parvus   | 1     |         |
| <b>Methylomicrobium</b>  |       |         |
| Methylomicrobium agile<br>old name Methylobacter agilis  | 1     |         |
| Methylomicrobium album<br>old name Methylobacter albus   | 1     |         |
| Methylomicrobium pelagicum<br>old name Methylobacter pelagicus<br>old name Methylomonas pelagica | 1     |         |
| <b>Methylomonas</b>  |       |         |
| Methylomonas aurantiaca  | 1     |         |
| Methylomonas fodinarum   | 1     |         |
| Methylomonas methanica   | 1     |         |
| Methylomonas pelagica<br>refer to <a href="#">Methylomicrobium pelagicum</a>                     |       |         |
| <b>Methylophaga</b>  |       |         |
| Methylophaga marina  | 1     |         |
| Methylophaga thalassica  | 1     |         |
| <b>Methylophilus</b>   |       |         |
| Methylophilus methylotrophus   | 1     |         |
| <b>Methylorhabdus</b>  |       |         |
| Methylorhabdus multivorans   | 1     |         |
| <b>Methylosinus</b>  |       |         |
| Methylosinus sporium   | 1     |         |
| Methylosinus trichosporium   | 1     |         |
| <b>Methylovorus</b>  |       |         |
| Methylovorus glucosotrophus  | 1     |         |
| <b>Micavibrio</b>  |       |         |
| Micavibrio admirandus  | 1     |         |
| <b>Microbacterium</b>  |       |         |
| Microbacterium arborescens   | 1     |         |

| Name                           | Group | Remarks                  |
|--------------------------------|-------|--------------------------|
| Microbacterium aurum           | 1     |                          |
| Microbacterium barkeri         | 1     |                          |
| Microbacterium chocolatum      | 1     |                          |
| Microbacterium dextranolyticum | 1     |                          |
| Microbacterium esteraromaticum | 1     |                          |
| Microbacterium flavescens      | 1     |                          |
| Microbacterium halophilum      | 1     |                          |
| Microbacterium imperiale       | 1     |                          |
| old name                       |       | Brevibacterium imperiale |
| Microbacterium ketosireducens  | 1     |                          |
| Microbacterium kitamiense      | 1     |                          |
| Microbacterium lacticum        | 1     |                          |
| Microbacterium laevaniformans  | 1     |                          |
| Microbacterium oxydans         | 1     |                          |
| Microbacterium terregens       | 1     |                          |
| Microbacterium testaceum       | 1     |                          |
| Microbacterium thalassium      | 1     |                          |

### Microbispora

|                                  |   |  |
|----------------------------------|---|--|
| Microbispora aerata              |   |  |
| refer to                         |   | <a href="#">Microbispora rosea subsp. aerata</a> |
| Microbispora amethystogenes      |   |  |
| refer to                         |   | <a href="#">Microbispora rosea subsp. rosea</a>  |
| Microbispora bispora             |   |  |
| refer to                         |   | <a href="#">Thermobispora bispora</a>            |
| Microbispora chromogenes         |   |  |
| refer to                         |   | <a href="#">Microbispora rosea subsp. rosea</a>  |
| Microbispora diastatica          |   |  |
| refer to                         |   | <a href="#">Microbispora rosea subsp. rosea</a>  |
| Microbispora echinospora         |   |  |
| refer to                         |   | <a href="#">Actinomadura echinospora</a>         |
| Microbispora indica              |   |  |
| refer to                         |   | <a href="#">Microbispora rosea subsp. rosea</a>  |
| Microbispora karnatakensis       |   |  |
| refer to                         |   | <a href="#">Microbispora rosea subsp. rosea</a>  |
| Microbispora parva               |   |  |
| refer to                         |   | <a href="#">Microbispora rosea subsp. rosea</a>  |
| Microbispora rosea               |   |  |
| refer to                         |   | <a href="#">Microbispora rosea subsp. rosea</a>  |
| Microbispora rosea subsp. aerata | 1 |  |
| lower priority synonym           |   | Microbispora thermorosea                         |
| lower priority synonym           |   | Microbispora thermodiastatica                    |
| old name                         |   | Microbispora aerata                              |
| Microbispora rosea subsp. rosea  | 1 |  |
| lower priority syn-              |   | Microbispora amethystogenes                      |

| Name                          | Group  | Remarks |
|-------------------------------|--|---------|
| onym                          |  |         |
| lower priority synonym        | Microbispora karnatakensis                       |         |
| lower priority synonym        | Microbispora chromogenes                         |         |
| lower priority synonym        | Microbispora diastatica                          |         |
| lower priority synonym        | Microbispora indica                              |         |
| lower priority synonym        | Microbispora parva                               |         |
| old name                      | Microbispora rosea                               |         |
| Microbispora thermodiastatica |  |         |
| refer to                      | <a href="#">Microbispora rosea subsp. aerata</a> |         |
| Microbispora thermorosea      |  |         |
| refer to                      | <a href="#">Microbispora rosea subsp. aerata</a> |         |
| Microbispora viridis          |  |         |
| refer to                      | <a href="#">Actinomadura rugatobispora</a>       |         |
| <b>Microbulbifer</b>          |  |         |
| Microbulbifer hydrolyticus    |  | 1       |
| <b>Micrococcus</b>            |  |         |
| Micrococcus agilis            |  |         |
| refer to                      | <a href="#">Arthrobacter agilis</a>              |         |
| Micrococcus halobius          |  |         |
| refer to                      | <a href="#">Nesterenkonia halobia</a>            |         |
| Micrococcus kristinae         |  |         |
| refer to                      | <a href="#">Kocuria kristinae</a>                |         |
| Micrococcus luteus            |  | 1       |
| Micrococcus lylae             |  | 1       |
| Micrococcus nishinomiyaensis  |  |         |
| refer to                      | <a href="#">Dermacoccus nishinomiyaensis</a>     |         |
| Micrococcus roseus            |  |         |
| refer to                      | <a href="#">Kocuria rosea</a>                    |         |
| Micrococcus sedentarius       |  |         |
| refer to                      | <a href="#">Kytococcus sedentarius</a>           |         |
| Micrococcus varians           |  |         |
| refer to                      | <a href="#">Kocuria varians</a>                  |         |
| <b>Microcyclus</b>            |  |         |
| Microcyclus aquaticus         |  |         |
| refer to                      | <a href="#">Ancylobacter aquaticus</a>           |         |
| <b>Microellobosporia</b>      |  |         |
| Microellobosporia cinerea     |  |         |
| refer to                      | <a href="#">Streptomyces cinereus</a>            |         |
| Microellobosporia flavea      |  |         |
| refer to                      | <a href="#">Streptomyces flaveus</a>             |         |
| Microellobosporia grisea      |  |         |

| Name  | Group | Remarks |
|---|-------|---------|
| refer to <a href="#">Streptomyces pseudoechinosporeus</a> |       |         |
| Microellobosporia violacea                                |       |         |
| refer to <a href="#">Streptomyces yerevanensis</a>        |       |         |

### Microlunatus

|                           |   |  |
|---------------------------|---|--|
| Microlunatus phosphovorus | 1 |  |
|---------------------------|---|--|

### Micromonospora

|  |   |  |
|--|---|--|
| Micromonospora aurantiaca                          | 1 |  |
| Micromonospora brunnea                             | 1 |  |
| Micromonospora carbonacea subsp. aurantiaca        | 1 |  |
| Micromonospora carbonacea subsp. carbonacea        | 1 |  |
| Micromonospora chalcea                             | 1 |  |
| Micromonospora coerulea                            | 1 |  |
| Micromonospora echinospora subsp. echinospora      | 1 |  |
| Micromonospora echinospora subsp. ferruginea       | 1 |  |
| Micromonospora echinospora subsp. pallida          | 1 |  |
| Micromonospora gallica                             |   |  |
| refer to <a href="#">Streptomyces yerevanensis</a> |   |  |
| Micromonospora halophytica subsp. halophytica      |   |  |
| refer to <a href="#">Streptomyces yerevanensis</a> |   |  |
| Micromonospora halophytica subsp. nigra            |   |  |
| refer to <a href="#">Streptomyces yerevanensis</a> |   |  |
| Micromonospora inositola                           | 1 |  |
| Micromonospora olivasterospora                     | 1 |  |
| Micromonospora purpurea                            | 1 |  |
| Micromonospora purpureochromogenes                 | 1 |  |
| Micromonospora rhodorangea                         | 1 |  |
| Micromonospora rosaria                             | 1 |  |

### Micropolyspora

|   |   |  |
|---|---|--|
| Micropolyspora angiospora                               |   |  |
| refer to <a href="#">Microtetraspora angiospora</a>     |   |  |
| Micropolyspora brevicatena                              |   |  |
| refer to <a href="#">Nocardia brevicatena</a>           |   |  |
| Micropolyspora faeni                                    |   |  |
| refer to <a href="#">Saccharopolyspora rectivirgula</a> |   |  |
| Micropolyspora internatus                               | 1 |  |
| Micropolyspora rectivirgula                             |   |  |
| refer to <a href="#">Saccharopolyspora rectivirgula</a> |   |  |

### Microscilla

|                    |   |  |
|--------------------|---|--|
| Microscilla marina | 1 |  |
|--------------------|---|--|

### Microsphaera

|                           |   |  |
|---------------------------|---|--|
| Microsphaera multipartita | 1 |  |
|---------------------------|---|--|

### Microtetraspora

| Name                          | Group | Remarks                              |
|-------------------------------|-------|--------------------------------------|
| Microtetraspora africana      | 1     |                                      |
| old name                      |       | Nocardiopsis africana                |
| old name                      |       | Actinomadura africana                |
| Microtetraspora angiospora    | 1     |                                      |
| old name                      |       | Micropolyspora angiospora            |
| Microtetraspora fastidiosa    | 1     |                                      |
| old name                      |       | Actinomadura fastidiosa              |
| Microtetraspora ferruginea    | 1     |                                      |
| old name                      |       | Actinomadura ferruginea              |
| Microtetraspora flexuosa      | 1     |                                      |
| old name                      |       | Actinomadura flexuosa                |
| Microtetraspora fusca         | 1     |                                      |
| Microtetraspora glauca        | 1     |                                      |
| Microtetraspora helvata       | 1     |                                      |
| Microtetraspora niveoalba     | 1     |                                      |
| Microtetraspora polychroma    | 1     |                                      |
| old name                      |       | Actinomadura polychroma              |
| Microtetraspora pusilla       | 1     |                                      |
| old name                      |       | Actinomadura pusilla                 |
| Microtetraspora recticatena   | 1     |                                      |
| old name                      |       | Actinomadura recticatena             |
| Microtetraspora roseola       | 1     |                                      |
| modern name                   |       | Actinomadura roseola                 |
| Microtetraspora roseoviolacea | 1     |                                      |
| old name                      |       | Actinomadura roseoviolacea           |
| Microtetraspora rubra         | 1     |                                      |
| old name                      |       | Actinomadura rubra                   |
| Microtetraspora salmonea      | 1     |                                      |
| old name                      |       | Actinomadura salmonea                |
| Microtetraspora spiralis      | 1     |                                      |
| old name                      |       | Actinomadura spiralis                |
| Microtetraspora turkmeniaca   | 1     |                                      |
| old name                      |       | Actinomadura turkmeniaca             |
| Microtetraspora tyrrhenii     | 1     |                                      |
| Microtetraspora viridis       |       |                                      |
| refer to                      |       | <a href="#">Actinomadura viridis</a> |

### Microvirgula

|                                 |   |  |
|---------------------------------|---|--|
| Microvirgula aerodenitrificans  | 2 |  |
| Some strains belong to group 1. |   |  |

### Mitsuokella

|                        |   |                                     |
|------------------------|---|-------------------------------------|
| Mitsuokella dentalis   |   |                                     |
| refer to               |   | <a href="#">Prevotella dentalis</a> |
| Mitsuokella multiacida | 2 |                                     |
| old name               |   | Bacteroides multiacidus             |

### Mobiluncus

| Name                                 | Group   | Remarks              |
|--------------------------------------|---|----------------------|
| refer to <a href="#">Falcivibrio</a> |   |                      |
| <b>Mobiluncus</b>                    |   |                      |
| lower priority synonym               | Falcivibrio                                   |                      |
| Mobiluncus curtisii subsp. curtisii  |   | 2                    |
| Mobiluncus curtisii subsp. holmesii  |   | 2                    |
| Mobiluncus mulieris                  |   | 2                    |
| <b>Moellerella</b>                   |   |                      |
| Moellerella wisconsensis             |   | 2                    |
| <b>Moorella</b>                      |   |                      |
| Moorella glycerini                   |   | 1                    |
| Moorella thermacetica                |   | 1                    |
| old name                             | Clostridium thermaceticum                     |                      |
| Moorella thermautotrophica           |   | 1                    |
| old name                             | Clostridium thermautotrophicum                |                      |
| <b>Moraxella</b>                     |   |                      |
| Moraxella (Branhamella) catarrhalis  |   | 2                    |
| Moraxella (Branhamella) caviae       |   | 2                    |
| equal synonym                        | Neisseria caviae                              |                      |
| Moraxella (Branhamella) cuniculi     |   | 2                    |
| old name                             | Neisseria cuniculi                            |                      |
| Moraxella (Branhamella) ovis         |   | 2                    |
| equal synonym                        | Neisseria ovis                                |                      |
| Moraxella anatipestifer              |   |                      |
| refer to                             | <a href="#">Riemerella anatipestifer</a>      |                      |
| Moraxella atlantae                   |   | 2                    |
| Moraxella boevrei                    |   | 1                    |
| Moraxella bovis                      |   | 2                    |
| Moraxella canis                      |   | 2                    |
|                                      |   | <a href="#">PIIC</a> |
| Moraxella caprae                     |   | 2                    |
|                                      |   | <a href="#">PV</a>   |
| Moraxella catarrhalis                |   | 2                    |
| Moraxella caviae                     |   | 2                    |
| Moraxella cuniculi                   |   | 2                    |
| Moraxella equi                       |   | 2                    |
|                                      |   | <a href="#">PV</a>   |
| Moraxella lacunata                   |   | 2                    |
| Moraxella lincolnii                  |   | 1                    |
|                                      |   | <a href="#">PIIC</a> |
| Moraxella nonliquefaciens            |   | 2                    |
| Moraxella osloensis                  |   | 2                    |
| Moraxella ovis                       |   | 2                    |
| Moraxella phenylpyruvica             |   |                      |
| refer to                             | <a href="#">Psychrobacter phenylpyruvicus</a> |                      |
| Moraxella saccharolytica             |   | 2                    |
| Moraxella urethralis                 |   |                      |

| Name   | Group | Remarks |
|--|-------|---------|
| refer to <a href="#">Oligella urethralis</a>   |       |         |
| <b>Morganella</b>  |       |         |
| Morganella morganii subsp. morganii<br>equal synonym <a href="#">Proteus morganii</a>                  | 2     |         |
| Morganella morganii subsp. morganii<br>refer to <a href="#">Proteus morganii</a>                       |       |         |
| Morganella morganii subsp. sibonii   | 2     |         |
| <b>Moritella</b>   |       |         |
| Moritella japonica   | 1     |         |
| Moritella marina   | 1     |         |
| Moritella yayanosii  | 1     |         |
| <b>Morococcus</b>  |       |         |
| Morococcus cerebrosus  | 2     |         |
| <b>Mycobacterium</b>   |       |         |
| Bacillus Calmette Guerin<br>refer to <a href="#">Mycobacterium bovis BCG</a>                           |       |         |
| Mycobacterium abscessus<br>old name <a href="#">Mycobacterium chelonae subsp. abscessus</a>            | 2     |         |
| Mycobacterium africanum  | 3     |         |
| Mycobacterium agri   | 1     |         |
| Mycobacterium aichiense  | 1     |         |
| Mycobacterium alvei  | 1     |         |
| Mycobacterium asiaticum  | 2     |         |
| Mycobacterium aurum  | 2     |         |
| Mycobacterium austroafricanum  | 2     |         |
| Mycobacterium avium<br>refer to <a href="#">Mycobacterium avium subsp. avium</a>                       |       |         |
| Mycobacterium avium subsp. avium<br>old name <a href="#">Mycobacterium avium</a>                       | 2     |         |
| Mycobacterium avium subsp. paratuberculosis<br>old name <a href="#">Mycobacterium paratuberculosis</a> | 2     |         |
| Mycobacterium avium subsp. silvaticum  | 2     |         |
| Mycobacterium bovis<br>Except BCG strain   | 3     |         |
| Mycobacterium bovis BCG<br>lower priority syn-<br>onym <a href="#">Bacillus Calmette Guerin</a>        | 1     |         |
| Mycobacterium bovis subsp. bovis   | 3     |         |
| Mycobacterium bovis subsp. caprae  | 3     |         |
| Mycobacterium branderi   | 2     |         |
| Mycobacterium brumae   | 2     |         |
| Mycobacterium canettii   | 3     |         |



| Name  | Group | Remarks              |
|---|-------|----------------------|
| Mycobacterium celatum                                     | 2     |                      |
| Mycobacterium chelonae                                    | 2     |                      |
| old name           Mycobacterium chelonae subsp. chelonae |       |                      |
| Mycobacterium chelonae subsp. abscessus                   |       |                      |
| refer to <a href="#">Mycobacterium abscessus</a>          |       |                      |
| Mycobacterium chelonae subsp. chelonae                    |       |                      |
| refer to <a href="#">Mycobacterium chelonae</a>           |       |                      |
| Mycobacterium chitae                                      | 2     |                      |
| Mycobacterium chlorophenicum                              | 1     |                      |
| old name           Rhodococcus chlorophenicus             |       |                      |
| Mycobacterium chubuense                                   | 1     |                      |
| Mycobacterium confluentis                                 | 1     |                      |
| Mycobacterium conspicuum                                  | 2     |                      |
| Mycobacterium cookii                                      | 1     |                      |
| Mycobacterium diernhoferi                                 | 1     |                      |
| Mycobacterium duvalii                                     | 1     | <a href="#">PIIC</a> |
| Mycobacterium fallax                                      | 1     |                      |
| Mycobacterium farcinogenes                                | 2     | <a href="#">PV</a>   |
| Mycobacterium flavescens                                  | 2     |                      |
| Mycobacterium fortuitum                                   | 2     |                      |
| Mycobacterium fortuitum subsp. acetamidolyticum           | 2     |                      |
| Mycobacterium fortuitum subsp. fortuitum                  | 2     |                      |
| Mycobacterium gadium                                      | 1     | <a href="#">PIIC</a> |
| Mycobacterium gastris                                     | 2     |                      |
| Mycobacterium genavense                                   | 2     |                      |
| Mycobacterium gilvum                                      | 1     |                      |
| Mycobacterium gordonae                                    | 1     | <a href="#">PIIC</a> |
| 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     | <a href="#">PV</a>   |
| Mycobacterium madagascariense                             | 2     |                      |
| Mycobacterium mageritense                                 | 2     | <a href="#">PIIC</a> |
| Mycobacterium malmoense                                   | 2     |                      |
| Mycobacterium marinum                                     | 2     |                      |

| Name  | Group | Remarks              |
|---|-------|----------------------|
| <i>Mycobacterium microti</i>  | 3     | **                   |
| <i>Mycobacterium moriokaense</i>  | 1     | <a href="#">PIIC</a> |
| <i>Mycobacterium mucogenicum</i>  | 2     |                      |
| <i>Mycobacterium neoaurum</i>   | 1     | <a href="#">PIIC</a> |
| <i>Mycobacterium nonchromogenicum</i>   | 1     | <a href="#">PIIC</a> |
| <i>Mycobacterium novocastrense</i>  | 2     |                      |
| <i>Mycobacterium obuense</i>  | 1     | <a href="#">PIIC</a> |
| <i>Mycobacterium parafortuitum</i>  | 1     |                      |
| <i>Mycobacterium paratuberculosis</i><br>refer to <a href="#">Mycobacterium avium subsp. paratuberculosis</a> |       |                      |
| <i>Mycobacterium peregrinum</i>   | 1     | <a href="#">PIIC</a> |
| <i>Mycobacterium phlei</i>  | 1     |                      |
| <i>Mycobacterium porcinum</i>   | 2     | <a href="#">PV</a>   |
| <i>Mycobacterium poriferae</i>  | 1     |                      |
| <i>Mycobacterium pulveris</i>   | 1     |                      |
| <i>Mycobacterium rhodesiae</i>  | 1     | <a href="#">PIIC</a> |
| <i>Mycobacterium scrofulaceum</i>   | 2     |                      |
| <i>Mycobacterium senegalense</i>  | 2     | <a href="#">PV</a>   |
| <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     | <a href="#">PIIC</a> |
| <i>Mycobacterium thermoresistibile</i>  | 1     | <a href="#">PIIC</a> |
| <i>Mycobacterium tokaiense</i>  | 1     |                      |
| <i>Mycobacterium triplex</i>  | 2     | <a href="#">TMP</a>  |
| <i>Mycobacterium triviale</i>   | 1     | <a href="#">PIIC</a> |
| <i>Mycobacterium tuberculosis</i>   | 3     |                      |
| <i>Mycobacterium tuberculosis subsp. caprae</i>   | 3     |                      |
| <i>Mycobacterium tuberculosis subsp. tuberculosis</i>   | 3     |                      |
| <i>Mycobacterium tusciae</i>  | 2     |                      |
| <i>Mycobacterium ulcerans</i>   | 3     | **                   |
| <i>Mycobacterium vaccae</i>   | 2     | <a href="#">PV</a>   |
| <i>Mycobacterium wolinskyi</i>  | 2     |                      |
| <i>Mycobacterium xenopi</i>   | 2     |                      |
| <b>Mycoplana</b>  |       |                      |
| <i>Mycoplana bullata</i>  | 1     |                      |
| <i>Mycoplana dimorpha</i>   | 1     |                      |
| <i>Mycoplana ramosa</i>   | 1     |                      |
| <i>Mycoplana segnis</i>   | 1     |                      |
| <b>Mycoplasma</b>   |       |                      |

| Name   | Group | Remarks              |
|--|-------|----------------------|
| <i>Mycoplasma adleri</i>                                   | 2     | <a href="#">PV</a>   |
| <i>Mycoplasma agalactiae</i>                               | 2     | <a href="#">PV</a>   |
| <i>Mycoplasma alkalescens</i>                              | 2     | <a href="#">PV</a>   |
| <i>Mycoplasma alvi</i>                                     | 2     |                      |
| <i>Mycoplasma anatis</i>                                   | 2     | <a href="#">PV</a>   |
| <i>Mycoplasma anseris</i>                                  | 2     |                      |
| <i>Mycoplasma arginini</i>                                 | 2     | <a href="#">PV</a>   |
| <i>Mycoplasma arthritidis</i>                              | 2     | <a href="#">PV</a>   |
| <i>Mycoplasma auris</i>                                    | 1     | <a href="#">PV?</a>  |
| <i>Mycoplasma bovigenitalium</i>                           | 2     | <a href="#">PV</a>   |
| <i>Mycoplasma bovirhinis</i>                               | 2     | <a href="#">PV</a>   |
| <i>Mycoplasma bovis</i>                                    | 2     | <a href="#">PV</a>   |
| <i>Mycoplasma bovoculi</i>                                 | 2     | <a href="#">PV</a>   |
| <i>Mycoplasma buccale</i>                                  | 1     | <a href="#">PIIC</a> |
| <i>Mycoplasma buteonis</i>                                 | 2     | <a href="#">PV</a>   |
| <i>Mycoplasma californicum</i>                             | 2     | <a href="#">PV</a>   |
| <i>Mycoplasma canadense</i>                                | 2     | <a href="#">PV</a>   |
| <i>Mycoplasma canis</i>                                    | 2     | <a href="#">PV</a>   |
| <i>Mycoplasma capricolum</i> subsp. <i>capricolum</i>      | 2     | <a href="#">PV</a>   |
| <i>Mycoplasma capricolum</i> subsp. <i>capripneumoniae</i> | 3     | <a href="#">PV</a>   |
| <i>Mycoplasma caviae</i>                                   | 2     |                      |
| <i>Mycoplasma cavipharyngis</i>                            | 1     |                      |
| <i>Mycoplasma citelli</i>                                  | 1     |                      |
| <i>Mycoplasma cloacale</i>                                 | 1     | <a href="#">PV?</a>  |
| <i>Mycoplasma collis</i>                                   | 2     | <a href="#">PV</a>   |
| <i>Mycoplasma columbinasale</i>                            | 2     | <a href="#">PV</a>   |
| <i>Mycoplasma columbinum</i>                               | 1     |                      |
| <i>Mycoplasma columborale</i>                              | 1     |                      |
| <i>Mycoplasma conjunctivae</i>                             | 2     | <a href="#">PV</a>   |
| <i>Mycoplasma corogypsi</i>                                | 2     | <a href="#">PV</a>   |
| <i>Mycoplasma cottewii</i>                                 | 1     | <a href="#">PV?</a>  |
| <i>Mycoplasma cricetuli</i>                                | 1     | <a href="#">PV?</a>  |
| <i>Mycoplasma crocodyli</i>                                | 2     | <a href="#">PV</a>   |
| <i>Mycoplasma cynos</i>                                    | 2     | <a href="#">PV</a>   |
| <i>Mycoplasma dispar</i>                                   | 2     | <a href="#">PV</a>   |
| <i>Mycoplasma edwardii</i>                                 | 2     | <a href="#">PV</a>   |
| <i>Mycoplasma elephantis</i>                               | 1     | <a href="#">PV?</a>  |
| <i>Mycoplasma ellychniae</i>                               | 1     |                      |
| <i>Mycoplasma equigenitalium</i>                           | 2     | <a href="#">PV</a>   |
| <i>Mycoplasma equirhinis</i>                               | 2     | <a href="#">PV</a>   |
| <i>Mycoplasma falconis</i>                                 | 2     | <a href="#">PV</a>   |
| <i>Mycoplasma fastidiosum</i>                              | 1     |                      |
| <i>Mycoplasma faucium</i>                                  | 1     |                      |



| Name  | Group | Remarks                                |
|---|-------|--|
| <i>Mycoplasma muris</i>   | 1     | <a href="#">PV?</a>                    |
| <i>Mycoplasma mustelae</i>  | 1     | <a href="#">PV?</a>                    |
| <i>Mycoplasma mycoides</i> subsp. <i>capri</i>                              | 2     | <a href="#">PV</a>                     |
| <i>Mycoplasma mycoides</i> subsp. <i>mycoides</i> SC                        | 3     | <a href="#">EPD</a> <a href="#">PV</a> |
| <i>Mycoplasma neurolyticum</i>  | 2     | <a href="#">PV</a>                     |
| <i>Mycoplasma opalescens</i>  | 1     | <a href="#">PV?</a>                    |
| <i>Mycoplasma orale</i>   | 1     | <a href="#">PIIC</a>                   |
| <i>Mycoplasma ovipneumoniae</i>   | 2     | <a href="#">PV</a>                     |
| <i>Mycoplasma oxoniensis</i>  | 1     | <a href="#">PV?</a>                    |
| <i>Mycoplasma penetrans</i>   | 2     |  |
| <i>Mycoplasma phocacerebrale</i>  | 2     | <a href="#">PV</a>                     |
| <i>Mycoplasma phocarhinis</i>   | 2     | <a href="#">PV</a>                     |
| <i>Mycoplasma phocidae</i>  | 2     | <a href="#">PV</a>                     |
| <i>Mycoplasma pirum</i>   | 1     |  |
| <i>Mycoplasma pneumoniae</i>  | 2     |  |
| <i>Mycoplasma primatum</i>  | 1     | <a href="#">PIIC</a>                   |
| <i>Mycoplasma pullorum</i>  | 2     | <a href="#">PV</a>                     |
| <i>Mycoplasma pulmonis</i>  | 2     | <a href="#">PV</a>                     |
| <i>Mycoplasma putrefaciens</i>  | 2     | <a href="#">PV</a>                     |
| <i>Mycoplasma salivarium</i>  | 2     |  |
| <i>Mycoplasma simbae</i>  | 1     | <a href="#">PV?</a>                    |
| <i>Mycoplasma somnilux</i>  | 1     |  |
| <i>Mycoplasma spermatophilum</i>  | 1     | <a href="#">PIIC</a>                   |
| <i>Mycoplasma spumans</i>   | 2     | <a href="#">PV</a>                     |
| <i>Mycoplasma sturni</i>  | 2     | <a href="#">PV?</a>                    |
| <i>Mycoplasma sualvi</i>  | 1     | <a href="#">PV?</a>                    |
| <i>Mycoplasma subdolum</i>  | 1     | <a href="#">PV?</a>                    |
| <i>Mycoplasma suis</i><br>refer to <a href="#">Mycoplasma hyopneumoniae</a> |       |  |
| <i>Mycoplasma synoviae</i>  | 2     | <a href="#">PV</a>                     |
| <i>Mycoplasma testudinis</i>  | 1     |  |
| <i>Mycoplasma verecundum</i>  | 2     | <a href="#">PV</a>                     |
| <i>Mycoplasma wenyonii</i>  | 2     |  |
| <i>Mycoplasma yeatsii</i>   | 1     | <a href="#">PV?</a>                    |

#### Mycoplasma like Organisms (MLO)

|                                       |   |  |
|---------------------------------------|---|--|
| Apple proliferation mycoplasma        | 2 | <a href="#">PP</a> <a href="#">QUA</a> |
| Apricot chlorotic leafroll mycoplasma | 2 | <a href="#">PP</a> <a href="#">QUA</a> |
| Elm phloem necrosis mycoplasma        | 3 | <a href="#">PP</a> <a href="#">QUA</a> |
| Grapevine flavescence dorée           | 3 | <a href="#">PP</a> <a href="#">QUA</a> |
| Palm lethal yellowing mycoplasma      | 3 | <a href="#">PP</a> <a href="#">QUA</a> |
| Peach rosette virus                   | 3 | <a href="#">PP</a> <a href="#">QUA</a> |
| Peach X-disease virus                 | 3 | <a href="#">PP</a> <a href="#">QUA</a> |
| Peach yellows virus                   | 3 | <a href="#">PP</a> <a href="#">QUA</a> |

| Name                                 | Group | Remarks                |
|--------------------------------------|-------|------------------------|
| Pear decline mycoplasma              | 2     | <a href="#">PP QUA</a> |
| Potato stolbur                       | 2     | <a href="#">PP QUA</a> |
| Strawberry witches' broom mycoplasma | 3     | <a href="#">PP QUA</a> |

**Myroides**

|  |   |  |
|--|---|--|
| Myroides odoratimimus  | 2 |  |
| Myroides odoratus<br>old name                      Flavobacterium odoratum | 2 |  |

**Myxococcus**

|  |   |  |
|--|---|--|
| Myxococcus coralloides   | 1 |  |
| Myxococcus disciformis<br>refer to <a href="#">Angiococcus disciformis</a> |   |  |
| 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<br>old name                      Natronobacterium magadii | 1 |  |

**Natroniella**

|                       |   |  |
|-----------------------|---|--|
| Natroniella acetigena | 1 |  |
|-----------------------|---|--|

**Natronobacterium**

|   |   |  |
|---|---|--|
| Natronobacterium gregoryi   | 1 |  |
| Natronobacterium magadii<br>refer to <a href="#">Natrialba magadii</a>        |   |  |
| Natronobacterium pharaonis<br>refer to <a href="#">Natronomonas pharaonis</a> |   |  |
| Natronobacterium vacuolatum<br>refer to <a href="#">Halorubrum vacuolatum</a> |   |  |

**Natronococcus**

|                            |   |  |
|----------------------------|---|--|
| Natronococcus amylolyticus | 1 |  |
| Natronococcus occultus     | 1 |  |

**Natronomonas**

|   |   |  |
|---|---|--|
| Natronomonas pharaonis<br>old name                      Natronobacterium pharaonis<br>old name                      Halobacterium pharaonis | 1 |  |
|---|---|--|

| Name  | Group | Remarks              |
|---|-------|----------------------|
| <b>Neisseria</b>  |       |                      |
| Neisseria animalis  | 1     |                      |
| Neisseria canis   | 1     | <a href="#">PIIC</a> |
| Neisseria caviae<br>refer to <a href="#">Moraxella (Branhamella) caviae</a>     |       |                      |
| Neisseria cinerea   | 1     | <a href="#">PIIC</a> |
| Neisseria cuniculi<br>refer to <a href="#">Moraxella (Branhamella) cuniculi</a> |       |                      |
| Neisseria denitrificans   | 1     |                      |
| Neisseria dentiae   | 1     |                      |
| Neisseria elongata subsp. elongata  | 1     | <a href="#">PIIC</a> |
| Neisseria elongata subsp. glycolytica   | 1     | <a href="#">PIIC</a> |
| Neisseria elongata subsp. nitroreducens   | 2     |                      |
| Neisseria flava   | 1     | <a href="#">PIIC</a> |
| Neisseria flavescens  | 2     |                      |
| Neisseria gonorrhoeae   | 2     |                      |
| Neisseria iguanae   | 2     | <a href="#">PV</a>   |
| Neisseria lactamica   | 2     |                      |
| Neisseria macacae   | 2     |                      |
| Neisseria meningitidis  | 2     |                      |
| Neisseria mucosa  | 2     |                      |
| Neisseria ovis<br>refer to <a href="#">Moraxella (Branhamella) ovis</a>         |       |                      |
| Neisseria perflava  | 1     | <a href="#">PIIC</a> |
| Neisseria polysaccharea   | 1     |                      |
| Neisseria sicca   | 2     | <a href="#">TA</a>   |
| Neisseria subflava  | 2     |                      |
| Neisseria weaveri   | 2     |                      |
| <b>Neorickettsia</b>  |       |                      |
| Neorickettsia helminthoeca  | 2     | <a href="#">PV</a>   |
| Neorickettsia risticii  | 2     |                      |
| Neorickettsia sennetsu  | 2     |                      |
| <b>Nesterenkonia</b>  |       |                      |
| Nesterenkonia halobia<br>old name <i>Micrococcus halobius</i>                   | 1     |                      |
| <b>Nevskia</b>  |       |                      |
| Nevskia ramosa  | 1     |                      |
| <b>Nitrobacter</b>  |       |                      |
| Nitrobacter alkalicus   | 1     |                      |
| Nitrobacter winogradskyi  | 1     |                      |
| <b>Nitrococcus</b>  |       |                      |
| Nitrococcus mobilis   | 1     |                      |

| Name  | Group | Remarks              |
|---|-------|----------------------|
| <b>Nitrosococcus</b>  |       |                      |
| Nitrosococcus nitrosus  | 1     |                      |
| Nitrosococcus oceani  | 1     |                      |
| <b>Nitrosolobus</b>   |       |                      |
| Nitrosolobus multiformis<br>refer to <a href="#">Nitrospira multiformis</a>   |       |                      |
| <b>Nitrosomonas</b>   |       |                      |
| Nitrosomonas aestuarii  | 1     |                      |
| Nitrosomonas communis   | 1     |                      |
| Nitrosomonas europaea   | 1     |                      |
| Nitrosomonas eutropha   | 1     |                      |
| Nitrosomonas halophila  | 1     |                      |
| Nitrosomonas marina   | 1     |                      |
| Nitrosomonas nitrosa  | 1     |                      |
| Nitrosomonas oligotropha  | 1     |                      |
| <b>Nitrospira</b>   |       |                      |
| Nitrospira briensis   | 1     |                      |
| Nitrospira multiformis<br>old name Nitrosolobus multiformis                   | 1     |                      |
| Nitrospira tenuis   | 1     |                      |
| <b>Nitrospina</b>   |       |                      |
| Nitrospina gracilis   | 1     |                      |
| <b>Nitrospira</b>   |       |                      |
| Nitrospira marina   | 1     |                      |
| <b>Nocardia</b>   |       |                      |
| Nocardia amarae<br>refer to <a href="#">Gordonia amarae</a>                   |       |                      |
| Nocardia asteroides   | 2     |                      |
| Nocardia autotrophica<br>refer to <a href="#">Pseudonocardia autotrophica</a> |       |                      |
| Nocardia brasiliensis   | 2     |                      |
| Nocardia brevicatena<br>old name Micropolyspora brevicatena                   | 1     | <a href="#">PIIC</a> |
| Nocardia calcarea<br>refer to <a href="#">Rhodococcus erythropolis</a>        |       |                      |
| Nocardia carnea   | 1     |                      |
| Nocardia cellulans<br>refer to <a href="#">Cellulomonas cellulans</a>         |       |                      |
| Nocardia coeliaca   | 1     |                      |
| Nocardia corynebacterioides   | 1     |                      |
| Nocardia farcinica  | 2     |                      |



| Name                        | Group | Remarks   |
|-----------------------------|-------|---|
| Nocardia globerula          |       |   |
| refer to                    |       | <a href="#">Rhodococcus globerulus</a>            |
| Nocardia hydrocarbonoxydans |       |   |
| refer to                    |       | <a href="#">Pseudonocardia hydrocarbonoxydans</a> |
| Nocardia mediterranei       |       |   |
| refer to                    |       | <a href="#">Amycolatopsis mediterranei</a>        |
| Nocardia nova               | 2     |   |
| Nocardia orientalis         |       |   |
| refer to                    |       | <a href="#">Amycolatopsis orientalis</a>          |
| Nocardia otitidiscaviarum   | 2     |   |
| Nocardia petroleophila      |       |   |
| refer to                    |       | <a href="#">Pseudonocardia petroleophila</a>      |
| Nocardia pinensis           |       |   |
| refer to                    |       | <a href="#">Skermania piniformis</a>              |
| Nocardia pseudobrasiliensis | 2     |   |
| Nocardia restricta          |       |   |
| refer to                    |       | <a href="#">Rhodococcus equi</a>                  |
| Nocardia rugosa             | 1     |   |
| Nocardia salmonicida        | 2     | <a href="#">PV</a>                                |
| Nocardia saturnea           |       |   |
| refer to                    |       | <a href="#">Pseudonocardia saturnea</a>           |
| Nocardia seriolae           | 2     | <a href="#">PV</a>                                |
| Nocardia sulphurea          | 1     |   |
| Nocardia thailandica        | 2     |   |
| Nocardia transvalensis      | 2     |   |
| Nocardia vaccinii           | 1     | <a href="#">PP?</a>                               |

### Nocardioides

|                              |   |   |
|------------------------------|---|---|
| Nocardioides albus           | 1 |   |
| Nocardioides fastidiosus     |   |   |
| refer to                     |   | <a href="#">Aeromicrobium fastidiosum</a> |
| Nocardioides jensenii        | 1 |   |
| old name                     |   | Pimelobacter jensenii                     |
| Nocardioides luteus          | 1 |   |
| Nocardioides nitrophenolicus | 1 |   |
| Nocardioides plantarum       | 1 |   |
| Nocardioides pyridinoliticus | 1 |   |
| Nocardioides simplex         | 1 |   |
| old name                     |   | Arthrobacter simplex                      |
| old name                     |   | Pimelobacter simplex                      |

### Nocardiopsis

|                                  |   |  |
|----------------------------------|---|--|
| Nocardiopsis africana            |   |  |
| refer to                         |   | <a href="#">Microtetraspora africana</a> |
| Nocardiopsis alba subsp. alba    | 1 |  |
| Nocardiopsis alba subsp. prasina |   |  |

| Name  | Group                                    | Remarks |
|---|--|---------|
| refer to <a href="#">Nocardiopsis prasina</a>                     |  |         |
| Nocardiopsis alborubida   |  |         |
| refer to <a href="#">Nocardiopsis dassonvillei</a>                |  |         |
| Nocardiopsis antarctica   |  |         |
| refer to <a href="#">Nocardiopsis dassonvillei</a>                |  |         |
| Nocardiopsis coeruleofusca  |  |         |
| refer to <a href="#">Saccharothrix coeruleofusca</a>              |  |         |
| Nocardiopsis dassonvillei   | 2  |         |
| lower priority synonym  | Nocardiopsis alborubida                  |         |
| lower priority synonym  | Nocardiopsis antarctica                  |         |
| Nocardiopsis dassonvillei subsp. dassonvillei                     | 2  |         |
| Nocardiopsis dassonvillei subsp. prasina                          |  |         |
| refer to <a href="#">Nocardiopsis prasina</a>                     |  |         |
| Nocardiopsis flava  |  |         |
| refer to <a href="#">Saccharothrix flava</a>                      |  |         |
| Nocardiopsis halophila  | 1  |         |
| Nocardiopsis listeri  | 1  |         |
| Nocardiopsis longispora   |  |         |
| refer to <a href="#">Saccharothrix longispora</a>                 |  |         |
| Nocardiopsis lucentensis  | 1  |         |
| Nocardiopsis mutabilis  |  |         |
| refer to <a href="#">Saccharothrix mutabilis subsp. mutabilis</a> |  |         |
| Nocardiopsis prasina  | 1  |         |
| old name  | Nocardiopsis alba subsp. prasina         |         |
| old name  | Nocardiopsis dassonvillei subsp. prasina |         |
| Nocardiopsis synnemataformans                                     | 1  | PIIC    |
| Nocardiopsis syringae   |  |         |
| refer to <a href="#">Saccharothrix syringae</a>                   |  |         |

### Obesumbacterium

|                         |   |  |
|-------------------------|---|--|
| Obesumbacterium proteus | 1 |  |
|-------------------------|---|--|

### Oceanospirillum

|   |                           |  |
|---|---------------------------|--|
| Oceanospirillum beijerinckii subsp. beijerinckii                  | 1                         |  |
| Oceanospirillum beijerinckii subsp. pelagicum                     | 1                         |  |
| old name  | Oceanospirillum pelagicum |  |
| Oceanospirillum commune   |                           |  |
| refer to <a href="#">Marinomonas communis</a>                     |                           |  |
| Oceanospirillum commune   | 1                         |  |
| equal synonym   | Marinomonas communis      |  |
| Oceanospirillum hirosimense                                       |                           |  |
| refer to <a href="#">Oceanospirillum maris subsp. hirosimense</a> |                           |  |
| Oceanospirillum jannaschii  | 1                         |  |
| Oceanospirillum japonicum   | 1                         |  |
| Oceanospirillum kriegii   | 1                         |  |

| Name  | Group | Remarks              |
|---|-------|----------------------|
| Oceano-spirillum linum  | 1     |                      |
| Oceanospirillum maris subsp. hiroshimense<br>old name Oceanospirillum hiroshimense                  | 1     |                      |
| Oceanospirillum maris subsp. maris  | 1     |                      |
| Oceanospirillum maris subsp. williamsae   | 1     |                      |
| Oceanospirillum minutulum   | 1     |                      |
| Oceanospirillum multiglobuliferum   | 1     |                      |
| Oceanospirillum pelagicum<br>refer to <a href="#">Oceanospirillum beijerinckii subsp. pelagicum</a> |       |                      |
| Oceanospirillum pusillum  | 1     |                      |
| Oceanospirillum vagum<br>refer to <a href="#">Marinomonas vaga</a>                                  |       |                      |
| Oceanospirillum vagum<br>equal synonym Marinomonas vaga   | 1     |                      |
| <b>Ochrobactrum</b>   |       |                      |
| Ochrobactrum anthropi   | 2     | <a href="#">TA</a>   |
| <b>Oenococcus</b>   |       |                      |
| Oenococcus oeni<br>old name Leuconostoc oeni  | 1     |                      |
| <b>Oerskovia</b>  |       |                      |
| Oerskovia turbata<br>refer to <a href="#">Cellulomonas turbata</a>                                  |       |                      |
| Oerskovia xanthineolytica<br>refer to <a href="#">Cellulomonas cellulans</a>                        |       |                      |
| <b>Oligella</b>   |       |                      |
| Oligella ureolytica   | 1     | <a href="#">PIIC</a> |
| Oligella urethralis<br>old name Moraxella urethralis  | 1     | <a href="#">PIIC</a> |
| <b>Oligotropha</b>  |       |                      |
| Oligotropha carboxidovorans   | 1     |                      |
| <b>Orenia</b>   |       |                      |
| Orenia marismortui<br>old name Sporohalobacter marismortui  | 1     |                      |
| <b>Oribaculum</b>   |       |                      |
| Oribaculum catoniae<br>refer to <a href="#">Porphyromonas catoniae</a>                              |       |                      |
| <b>Orientia</b>   |       |                      |
| Orientia tsutsugamushi<br>old name Rickettsia tsutsugamushi   | 3     |                      |
| <b>Ornithobacterium</b>   |       |                      |
| Ornithobacterium rhinotracheale   | 2     | <a href="#">PV</a>   |

| Name                          | Group                                     | Remarks              |
|-------------------------------|---|----------------------|
| <b>Oscillochloris</b>         |   |                      |
| Oscillochloris chrysea        | 1   |                      |
| Oscillochloris trichoides     | 1   |                      |
| <b>Oscillospira</b>           |   |                      |
| Oscillospira guilliermondii   | 1   |                      |
| <b>Oxalobacter</b>            |   |                      |
| Oxalobacter formigenes        | 1   |                      |
| Oxalobacter vibrioformis      | 1   |                      |
| <b>Oxalophagus</b>            |   |                      |
| Oxalophagus oxalicus          | 1   |                      |
| old name                      | Clostridium oxalicum                      |                      |
| <b>Oxobacter</b>              |   |                      |
| Oxobacter pfennigii           | 1   |                      |
| old name                      | Clostridium pfennigii                     |                      |
| <b>Paenibacillus</b>          |   |                      |
| Paenibacillus alginolyticus   | 1   |                      |
| old name                      | Bacillus alginolyticus                    |                      |
| Paenibacillus alvei           | 1   | <a href="#">PIIC</a> |
| old name                      | Bacillus alvei                            |                      |
| Paenibacillus amylolyticus    | 1   |                      |
| old name                      | Bacillus amylolyticus                     |                      |
| Paenibacillus apiarius        | 1   |                      |
| Paenibacillus azotofixans     | 1   |                      |
| lower priority syn-<br>onym   | Paenibacillus durus                       |                      |
| old name                      | Bacillus azotofixans                      |                      |
| old name                      | Clostridium durum                         |                      |
| Paenibacillus chibensis       | 1   |                      |
| Paenibacillus chondroitinus   | 1   |                      |
| old name                      | Bacillus chondroitinus                    |                      |
| Paenibacillus curdlanolyticus | 1   |                      |
| old name                      | Bacillus curdlanolyticus                  |                      |
| Paenibacillus durus           |   |                      |
| refer to                      | <a href="#">Paenibacillus azotofixans</a> |                      |
| Paenibacillus glucanolyticus  | 1   |                      |
| old name                      | Bacillus glucanolyticus                   |                      |
| Paenibacillus gordonae        |   |                      |
| refer to                      | <a href="#">Paenibacillus validus</a>     |                      |
| Paenibacillus illinoisensis   | 1   |                      |
| Paenibacillus kobensis        | 1   |                      |
| old name                      | Bacillus kobensis                         |                      |
| Paenibacillus larvae          | 2   | <a href="#">PI</a>   |
| old name                      | Bacillus larvae                           |                      |

| Name                                     | Group  | Remarks              |
|--|--|----------------------|
| Paenibacillus larvae subsp. larvae       | 2  | <a href="#">PI</a>   |
| Paenibacillus larvae subsp. pulvifaciens | 2  | <a href="#">PI</a>   |
| old name                                 | Paenibacillus pulvifaciens                               |                      |
| old name                                 | Bacillus pulvifaciens                                    |                      |
| Paenibacillus lautus                     | 1  |                      |
| old name                                 | Bacillus lautus  |                      |
| Paenibacillus macerans                   | 1  | <a href="#">PIIC</a> |
| old name                                 | Bacillus macerans  |                      |
| Paenibacillus macquariensis              | 1  |                      |
| old name                                 | Bacillus macquariensis                                   |                      |
| Paenibacillus pabuli                     | 1  |                      |
| old name                                 | Bacillus pabuli  |                      |
| Paenibacillus peoriae                    | 1  |                      |
| old name                                 | Bacillus peoriae   |                      |
| Paenibacillus polymyxa                   | 1  |                      |
| old name                                 | Bacillus polymyxa  |                      |
| Paenibacillus popilliae                  | 2  |                      |
| Paenibacillus pulvifaciens               |  |                      |
| refer to                                 | <a href="#">Paenibacillus larvae subsp. pulvifaciens</a> |                      |
| Paenibacillus thiaminolyticus            | 1  | <a href="#">PIIC</a> |
| old name                                 | Bacillus thiaminolyticus                                 |                      |
| Paenibacillus validus                    | 1  |                      |
| lower priority syn-<br>onym              | Paenibacillus gordonae                                   |                      |
| old name                                 | Bacillus gordonae  |                      |
| old name                                 | Bacillus validus   |                      |

### Pantoea

|                                      |                          |  |
|--------------------------------------|--------------------------|--|
| Pantoea agglomerans                  | 2                        | <a href="#">PP?</a>                    |
| lower priority syn-<br>onym          | Erwinia herbicola        |  |
| lower priority syn-<br>onym          | Erwinia milletiae        |  |
| old name                             | Enterobacter agglomerans |  |
| Pantoea ananatis                     | 1                        | <a href="#">PP</a>                     |
| lower priority syn-<br>onym          | Erwinia uredovora        |  |
| old name                             | Erwinia ananatis         |  |
| Pantoea citrea                       | 1                        |  |
| Pantoea dispersa                     | 1                        | <a href="#">PIIC</a>                   |
| Pantoea punctata                     | 1                        |  |
| Pantoea stewartii                    | 2                        | <a href="#">PP</a> <a href="#">QUA</a> |
| Pantoea stewartii subsp. indologenes | 1                        | <a href="#">PP</a>                     |
| Pantoea stewartii subsp. stewartii   | 2                        | <a href="#">PP</a> <a href="#">QUA</a> |
| old name                             | Erwinia stewartii        |  |
| Pantoea terrea                       | 1                        |  |

### Paracoccus

| Name   | Group | Remarks |
|--|-------|---------|
| Paracoccus alcaliphilus                              | 1     |         |
| Paracoccus aminophilus                               | 1     |         |
| Paracoccus aminovorans                               | 1     |         |
| Paracoccus denitrificans                             | 1     |         |
| equal synonym Thiosphaera pantotropha                |       |         |
| Paracoccus halodenitrificans                         |       |         |
| refer to <a href="#">Halomonas halodenitrificans</a> |       |         |
| Paracoccus kocurii                                   | 1     |         |
| Paracoccus thiocyanatus                              | 1     |         |
| Paracoccus versutus                                  | 1     |         |
| old name Thiobacillus rapidicrescens                 |       |         |
| old name Thiobacillus versutus                       |       |         |

### Pasteurella

|  |   |                      |
|--|---|----------------------|
| Pasteurella aerogenes  | 2 | <a href="#">PIIC</a> |
| Pasteurella anatis   | 1 |                      |
| Pasteurella avium  | 2 |                      |
| old name Haemophilus avium                                       |   |                      |
| Pasteurella bettyae  | 2 |                      |
| Pasteurella caballi  | 2 | <a href="#">PV</a>   |
| Pasteurella canis  | 2 |                      |
| Pasteurella dagmatis   | 2 |                      |
| Pasteurella gallicida  |   |                      |
| refer to <a href="#">Pasteurella multocida subsp. gallicida</a>  |   |                      |
| Pasteurella gallinarum   | 2 | <a href="#">PV</a>   |
| Pasteurella granulomatis   | 2 | <a href="#">PV</a>   |
| Pasteurella haemolytica  | 2 |                      |
| Pasteurella langaaensis  | 1 |                      |
| Pasteurella lymphangitidis                                       | 2 | <a href="#">PV</a>   |
| Pasteurella mairii   | 2 | <a href="#">PV</a>   |
| Pasteurella multocida  | 2 |                      |
| Pasteurella multocida subsp. gallicida                           | 2 |                      |
| old name Pasteurella gallicida                                   |   |                      |
| Pasteurella multocida subsp. multocida                           | 2 |                      |
| Pasteurella multocida subsp. septica                             | 2 |                      |
| Pasteurella piscicida  |   |                      |
| refer to <a href="#">Photobacterium damsela subsp. piscicida</a> |   |                      |
| Pasteurella pneumotropica  | 2 |                      |
| Pasteurella stomatis   | 2 |                      |
| Pasteurella testudinis   | 2 | <a href="#">PV</a>   |
| Pasteurella trehalosi  | 2 | <a href="#">PV</a>   |
| Pasteurella ureae  |   |                      |
| refer to <a href="#">Actinobacillus ureae</a>                    |   |                      |
| Pasteurella volantium  | 1 | <a href="#">PIIC</a> |

| Name  | Group | Remarks            |
|---|-------|--------------------|
| <b>Pasteuria</b>  |       |                    |
| Pasteuria nishizawae  | 1     | <a href="#">PI</a> |
| Pasteuria penetrans   | 1     | <a href="#">PI</a> |
| Pasteuria ramosa<br>refer to <a href="#">Pirellula staleyi</a>                |       |                    |
| Pasteuria thornei   | 1     | <a href="#">PI</a> |
| <b>Pectinatus</b>   |       |                    |
| Pectinatus cerevisiophilus  | 1     |                    |
| Pectinatus frisingensis   | 1     |                    |
| <b>Pectobacterium</b>   |       |                    |
| Pectobacterium cacticida<br>refer to <a href="#">Erwinia cacticida</a>        |       |                    |
| Pectobacterium carnegieana<br>refer to <a href="#">Erwinia carnegieana</a>    |       |                    |
| Pectobacterium carotovorum<br>refer to <a href="#">Erwinia carotovora</a>     |       |                    |
| Pectobacterium chrysanthemi<br>refer to <a href="#">Erwinia chrysanthemi</a>  |       |                    |
| Pectobacterium cypripedii<br>refer to <a href="#">Erwinia cypripedii</a>      |       |                    |
| Pectobacterium rhapontici<br>refer to <a href="#">Erwinia rhapontici</a>      |       |                    |
| <b>Pediococcus</b>  |       |                    |
| Pediococcus acidilactici  | 1     |                    |
| Pediococcus damnosus  | 1     |                    |
| Pediococcus dextrinicus   | 1     |                    |
| Pediococcus halophilus<br>refer to <a href="#">Tetragenococcus halophilus</a> |       |                    |
| Pediococcus inopinatus  | 1     |                    |
| Pediococcus parvulus  | 1     |                    |
| Pediococcus pentosaceus   | 1     |                    |
| Pediococcus urinaeequi  | 1     |                    |
| <b>Pedobacter</b>   |       |                    |
| Pedobacter africanus  | 1     |                    |
| Pedobacter caeni  | 1     |                    |
| Pedobacter cryoconitis  | 1     |                    |
| Pedobacter heparinus  | 1     |                    |
| Pedobacter himalayensis   | 1     |                    |
| Pedobacter piscium  | 1     |                    |
| <b>Pedomicrobium</b>  |       |                    |
| Pedomicrobium americanum  | 1     |                    |
| Pedomicrobium australicum   | 1     |                    |

| Name  | Group | Remarks              |
|---|-------|----------------------|
| <i>Pedomicrobium ferrugineum</i>  | 1     |                      |
| <i>Pedomicrobium manganicum</i>   | 1     |                      |
| <b>Pelczaria</b>  |       |                      |
| <i>Pelczaria aurantia</i>   | 1     |                      |
| <b>Pelobacter</b>   |       |                      |
| <i>Pelobacter acetylenicus</i>  | 1     |                      |
| <i>Pelobacter acidigallici</i>  | 1     |                      |
| <i>Pelobacter carbinolicus</i>  | 1     |                      |
| <i>Pelobacter massiliensis</i>  | 1     |                      |
| <i>Pelobacter propionicus</i>   | 1     |                      |
| <i>Pelobacter venetianus</i>  | 1     |                      |
| <b>Pelodictyon</b>  |       |                      |
| <i>Pelodictyon clathratiforme</i>   | 1     |                      |
| <i>Pelodictyon luteolum</i>   | 1     |                      |
| <i>Pelodictyon phaeoclathratiforme</i>  | 1     |                      |
| <i>Pelodictyon phaeum</i>   | 1     |                      |
| <b>Peptococcus</b>  |       |                      |
| <i>Peptococcus anaerobius</i><br>refer to <a href="#">Peptostreptococcus anaerobius</a>               |       |                      |
| <i>Peptococcus asaccharolyticus</i><br>refer to <a href="#">Peptostreptococcus asaccharolyticus</a>   |       |                      |
| <i>Peptococcus glycinophilus</i><br>refer to <a href="#">Peptostreptococcus micros</a>                |       |                      |
| <i>Peptococcus heliotrinreducens</i><br>refer to <a href="#">Peptostreptococcus heliotrinreducens</a> |       |                      |
| <i>Peptococcus indolicus</i><br>refer to <a href="#">Peptostreptococcus indolicus</a>                 |       |                      |
| <i>Peptococcus magnus</i><br>refer to <a href="#">Peptostreptococcus magnus</a>                       |       |                      |
| <i>Peptococcus niger</i>  | 2     |                      |
| <i>Peptococcus prevotii</i><br>refer to <a href="#">Peptostreptococcus prevotii</a>                   |       |                      |
| <i>Peptococcus saccharolyticus</i><br>refer to <a href="#">Staphylococcus saccharolyticus</a>         |       |                      |
| <b>Peptostreptococcus</b>   |       |                      |
| <i>Peptostreptococcus anaerobius</i><br>old name <i>Peptococcus anaerobius</i>                        | 2     |                      |
| <i>Peptostreptococcus asaccharolyticus</i><br>old name <i>Peptococcus asaccharolyticus</i>            | 2     |                      |
| <i>Peptostreptococcus barnesae</i>  | 1     | <a href="#">PIIC</a> |
| <i>Peptostreptococcus harei</i>   | 2     |                      |
| <i>Peptostreptococcus heliotrinreducens</i><br>old name <i>Peptococcus heliotrinreducens</i>          | 1     | <a href="#">PIIC</a> |



| Name  | Group | Remarks              |
|---|-------|----------------------|
| Peptostreptococcus hydrogenalis                 | 1     | <a href="#">PIIC</a> |
| Peptostreptococcus indolicus                    | 2     | <a href="#">PV</a>   |
| old name            Peptococcus indolicus       |       |                      |
| Peptostreptococcus ivorii                       | 2     |                      |
| Peptostreptococcus lacrimalis                   | 2     |                      |
| Peptostreptococcus lactolyticus                 | 1     | <a href="#">PIIC</a> |
| Peptostreptococcus magnus                       | 2     |                      |
| old name            Peptococcus magnus          |       |                      |
| Peptostreptococcus micros                       | 2     |                      |
| old name            Peptococcus glycinophilus   |       |                      |
| Peptostreptococcus octavius                     | 1     | <a href="#">PIIC</a> |
| Peptostreptococcus parvulus                     |       |                      |
| refer to <a href="#">Atopobium parvulum</a>     |       |                      |
| Peptostreptococcus prevotii                     | 2     |                      |
| old name            Peptococcus prevotii        |       |                      |
| Peptostreptococcus productus                    |       |                      |
| refer to <a href="#">Ruminococcus productus</a> |       |                      |
| Peptostreptococcus tetradius                    | 1     | <a href="#">PIIC</a> |
| Peptostreptococcus vaginalis                    | 2     |                      |

**Persicobacter**

|   |   |  |
|---|---|--|
| Persicobacter diffluens                 | 1 |  |
| old name            Cytophaga diffluens |   |  |

**Petrotoga**

|                     |   |  |
|---------------------|---|--|
| Petrotoga miotherma | 1 |  |
|---------------------|---|--|

**Phascolarctobacterium**

|                               |   |  |
|-------------------------------|---|--|
| Phascolarctobacterium faecium | 1 |  |
|-------------------------------|---|--|

**Phenylobacterium**

|                           |   |  |
|---------------------------|---|--|
| Phenylobacterium immobile | 1 |  |
|---------------------------|---|--|

**Photobacterium**

|   |   |                    |
|---|---|--------------------|
| Photobacterium angustum                   | 1 |                    |
| Photobacterium damsela                    | 2 |                    |
| old name            Vibrio damsela        |   |                    |
| old name            Listonella damsela    |   |                    |
| Photobacterium damsela subsp. damsela     | 2 |                    |
| Photobacterium damsela subsp. piscicida   | 2 | <a href="#">PV</a> |
| old name            Pasteurella piscicida |   |                    |
| Photobacterium fischeri                   | 1 |                    |
| equal synonym    Vibrio fischeri          |   |                    |
| Photobacterium fischeri                   |   |                    |
| refer to <a href="#">Vibrio fischeri</a>  |   |                    |
| Photobacterium histaminum                 | 1 |                    |
| Photobacterium leiognathi                 | 1 |                    |
| Photobacterium logei                      |   |                    |

| Name   | Group            | Remarks |
|--|------------------|---------|
| refer to <a href="#">Vibrio logei</a>          |                  |         |
| Photobacterium phosphoreum                     | 1                |         |
| <b>Photorhabdus</b>                            |                  |         |
| Photorhabdus luminescens                       | 1                |         |
| Photorhabdus luminescens subsp. akhurstii      | 1                |         |
| Photorhabdus luminescens subsp. kayaii         | 1                |         |
| Photorhabdus luminescens subsp. laumondii      | 1                |         |
| Photorhabdus luminescens subsp. luminescens    | 1                |         |
| Photorhabdus luminescens subsp. thracensis     | 1                |         |
| <b>Phyllobacterium</b>                         |                  |         |
| Phyllobacterium myrsinacearum                  | 1                |         |
| Phyllobacterium rubiacearum                    | 1                |         |
| <b>Picrophilus</b>                             |                  |         |
| Picrophilus oshimae                            | 1                |         |
| Picrophilus torridus                           | 1                |         |
| <b>Pilimelia</b>                               |                  |         |
| Pilimelia anulata                              | 1                |         |
| Pilimelia columellifera subsp. columellifera   | 1                |         |
| Pilimelia columellifera subsp. pallida         | 1                |         |
| Pilimelia terevasa                             | 1                |         |
| <b>Pilotina</b>                                |                  |         |
| Pilotina calotermitidis                        | 1                |         |
| <b>Pimelobacter</b>                            |                  |         |
| Pimelobacter jensenii                          |                  |         |
| refer to <a href="#">Nocardioides jensenii</a> |                  |         |
| Pimelobacter simplex                           |                  |         |
| refer to <a href="#">Nocardioides simplex</a>  |                  |         |
| Pimelobacter tumescens                         |                  |         |
| refer to <a href="#">Terrabacter tumescens</a> |                  |         |
| <b>Pirella</b>                                 |                  |         |
| Pirella marina                                 |                  |         |
| refer to <a href="#">Pirellula marina</a>      |                  |         |
| Pirella staleyii                               |                  |         |
| refer to <a href="#">Pirellula staleyii</a>    |                  |         |
| <b>Pirellula</b>                               |                  |         |
| Pirellula marina                               | 1                |         |
| old name                                       | Pirella marina   |         |
| Pirellula staleyii                             | 1                |         |
| lower priority synonym                         | Pasteuria ramosa |         |
| old name                                       | Pirella staleyii |         |

| Name  | Group | Remarks                                 |
|---|-------|---|
| <b>Piscirickettsia</b>                          |       |   |
| Piscirickettsia salmonis                        | 2     | <a href="#">PV</a>                      |
| <b>Planctomyces</b>                             |       |   |
| Planctomyces bekefii                            | 1     |   |
| Planctomyces brasiliensis                       | 1     |   |
| Planctomyces guttaeformis                       | 1     |   |
| Planctomyces limnophilus                        | 1     |   |
| Planctomyces maris                              | 1     |   |
| Planctomyces stranskae                          | 1     |   |
| <b>Planobispora</b>                             |       |   |
| Planobispora longispora                         | 1     |   |
| Planobispora rosea                              | 1     |   |
| <b>Planococcus</b>                              |       |   |
| Planococcus citreus                             | 1     |   |
| Planococcus halophilus<br>refer to              |       | <a href="#">Marinococcus halophilus</a> |
| Planococcus kocurii                             | 1     |   |
| Planococcus okeanokoites<br>old name            | 1     | Flavobacterium okeanokoites             |
| <b>Planomonospora</b>                           |       |   |
| Planomonospora alba                             | 1     |   |
| Planomonospora parontospora subsp. antibiotica  | 1     |   |
| Planomonospora parontospora subsp. parontospora | 1     |   |
| Planomonospora sphaerica                        | 1     |   |
| Planomonospora venezuelensis                    | 1     |   |
| <b>Planotetraspora</b>                          |       |   |
| Planotetraspora mira                            | 1     |   |
| <b>Plesiomonas</b>                              |       |   |
| Plesiomonas shigelloides                        | 2     |   |
| <b>Polaromonas</b>                              |       |   |
| Polaromonas vacuolata                           | 1     |   |
| <b>Polyangium</b>                               |       |   |
| Polyangium aureum                               | 1     |   |
| Polyangium cellulsum                            | 1     |   |
| Polyangium fumosum                              | 1     |   |
| Polyangium luteum                               | 1     |   |
| Polyangium minor                                | 1     |   |
| Polyangium parasiticum                          | 1     |   |
| Polyangium rugiseptum                           | 1     |   |

| Name   | Group | Remarks                                |
|--|-------|--|
| Polyangium solediatum  | 1     |  |
| Polyangium spumosum  | 1     |  |
| Polyangium vitellinum  | 1     |  |
| <b>Polynucleobacter</b>  |       |  |
| Polynucleobacter necessarius                                   | 1     |  |
| <b>Porphyrobacter</b>  |       |  |
| Porphyrobacter neustonensis                                    | 1     |  |
| Porphyrobacter tepidarius                                      | 1     |  |
| <b>Porphyromonas</b>   |       |  |
| Porphyromonas asaccharolytica                                  | 2     |  |
| Porphyromonas cangingivalis                                    | 2     | <a href="#">PV</a>                     |
| Porphyromonas canoris  | 2     | <a href="#">PV</a>                     |
| Porphyromonas cansulci   | 2     | <a href="#">PV</a>                     |
| Porphyromonas catoniae   | 2     |  |
| old name            Oribaculum catoniae                        |       |  |
| Porphyromonas circumdentaria                                   | 2     | <a href="#">PV</a>                     |
| Porphyromonas crevioricanis                                    | 2     | <a href="#">PV</a> <a href="#">TMP</a> |
| Porphyromonas endodontalis                                     | 2     |  |
| old name            Bacteroides endodontalis                   |       |  |
| Porphyromonas gingivalis                                       | 2     |  |
| old name            Bacteroides gingivalis                     |       |  |
| Porphyromonas gingivicanis                                     | 2     | <a href="#">PV</a> <a href="#">TMP</a> |
| Porphyromonas levii  | 2     |  |
| old name            Bacteroides levii                          |       |  |
| Porphyromonas macacae  | 2     | <a href="#">PV</a>                     |
| lower priority syn-<br>onym            Porphyromonas salivosa  |       |  |
| old name            Bacteroides macacae                        |       |  |
| old name            Bacteroides melaninogenicus subsp. macacae |       |  |
| old name            Bacteroides salivus                        |       |  |
| Porphyromonas salivosa   |       |  |
| refer to <a href="#">Porphyromonas macacae</a>                 |       |  |
| Porphyromonas uenonis  | 2     |  |
| <b>Pragia</b>  |       |  |
| Pragia fontium   | 1     |  |
| <b>Prevotella</b>  |       |  |
| Capsularis zoogeleiformans                                     |       |  |
| refer to <a href="#">Prevotella zoogeleiformans</a>            |       |  |
| Prevotella albensis  | 2     |  |
| Prevotella bivia   | 2     |  |
| old name            Bacteroides bivius                         |       |  |
| Prevotella brevis  | 2     |  |
| old name            Bacteroides ruminicola subsp. brevis       |       |  |

| Name                                | Group  | Remarks              |
|-------------------------------------|--|----------------------|
| old name                            | Bacteroides ruminicola                             |                      |
| old name                            | Prevotella ruminicola subsp. brevis                |                      |
| Prevotella bryantii                 | 2  |                      |
| Prevotella buccae                   | 2  |                      |
| old name                            | Bacteroides buccae                                 |                      |
| old name                            | Bacteroides capillus                               |                      |
| old name                            | Bacteroides pentosaceus                            |                      |
| Prevotella buccalis                 | 2  |                      |
| old name                            | Bacteroides buccalis                               |                      |
| Prevotella corporis                 | 2  |                      |
| old name                            | Bacteroides corporis                               |                      |
| Prevotella dentalis                 | 2  | <a href="#">PIIC</a> |
| old name                            | Mitsuokella dentalis                               |                      |
| Prevotella denticola                | 2  |                      |
| old name                            | Bacteroides denticola                              |                      |
| Prevotella disiens                  | 2  |                      |
| old name                            | Bacteroides disiens                                |                      |
| Prevotella enoeca                   | 2  | <a href="#">PIIC</a> |
| Prevotella heparinolytica           | 2  | <a href="#">PIIC</a> |
| old name                            | Bacteroides heparinolyticus                        |                      |
| Prevotella intermedia               | 2  |                      |
| old name                            | Bacteroides intermedius                            |                      |
| old name                            | Bacteroides melaninogenicus subsp. intermedius     |                      |
| Prevotella loescheii                | 2  |                      |
| old name                            | Bacteroides loescheii                              |                      |
| Prevotella melaninogenica           | 2  |                      |
| old name                            | Bacteroides melaninogenicus                        |                      |
| old name                            | Bacteroides melaninogenicus subsp. melaninogenicus |                      |
| Prevotella nigrescens               | 2  |                      |
| Prevotella oralis                   | 2  |                      |
| old name                            | Bacteroides oralis                                 |                      |
| Prevotella oris                     | 2  |                      |
| old name                            | Bacteroides oris                                   |                      |
| Prevotella oulorum                  | 2  |                      |
| old name                            | Bacteroides oulorum                                |                      |
| Prevotella ruminicola               | 2  |                      |
| old name                            | Bacteroides ruminicola subsp. ruminicola           |                      |
| Prevotella ruminicola subsp. brevis |  |                      |
| refer to                            | <a href="#">Prevotella brevis</a>                  |                      |
| Prevotella tanneriae                | 2  |                      |
| Prevotella veroralis                | 1  |                      |
| old name                            | Bacteroides veroralis                              |                      |
| Prevotella zoogloiformans           | 1  | <a href="#">PIIC</a> |
| old name                            | Bacteroides zoogloiformans                         |                      |
| old name                            | Capsularis zoogloiformans                          |                      |

## Prochloron

| Name   | Group | Remarks              |
|--|-------|----------------------|
| Prochloron didemni                                     | 1     |                      |
| <b>Prochlorothrix</b>                                  |       |                      |
| Prochlorothrix hollandica                              | 1     |                      |
| <b>Prolinoborus</b>                                    |       |                      |
| Prolinoborus fasciculus                                | 1     |                      |
| old name            Aquaspirillum fasciculus           |       |                      |
| <b>Promicromonospora</b>                               |       |                      |
| Promicromonospora citrea                               | 1     |                      |
| Promicromonospora enterophila                          | 1     |                      |
| Promicromonospora sukumoe                              | 1     |                      |
| <b>Propionibacter</b>                                  |       |                      |
| Propionibacter pelophilus                              | 1     |                      |
| <b>Propionibacterium</b>                               |       |                      |
| Propionibacterium acidipropionici                      | 1     |                      |
| Propionibacterium acnes                                | 2     |                      |
| Propionibacterium avidum                               | 2     |                      |
| Propionibacterium cyclohexanicum                       | 1     |                      |
| Propionibacterium freudenreichii subsp. freudenreichii | 1     |                      |
| Propionibacterium freudenreichii subsp. shermanii      | 1     |                      |
| Propionibacterium granulosum                           | 2     |                      |
| Propionibacterium innocuum                             |       |                      |
| refer to <a href="#">Propioniferax innocua</a>         |       |                      |
| Propionibacterium jensenii                             | 1     | <a href="#">PIIC</a> |
| Propionibacterium lymphophilum                         | 2     |                      |
| Propionibacterium propionicum                          | 2     |                      |
| old name            Arachnia propionica                |       |                      |
| Propionibacterium thoenii                              | 1     |                      |
| <b>Propioniferax</b>                                   |       |                      |
| Propioniferax innocua                                  | 1     |                      |
| old name            Propionibacterium innocuum         |       |                      |
| <b>Propionigenium</b>                                  |       |                      |
| Propionigenium maris                                   | 1     |                      |
| Propionigenium modestum                                | 1     |                      |
| <b>Propionispira</b>                                   |       |                      |
| Propionispira arboris                                  | 1     | <a href="#">PP?</a>  |
| <b>Propionivibrio</b>                                  |       |                      |
| Propionivibrio dicarboxylicus                          | 1     |                      |
| <b>Prostheco bacter</b>                                |       |                      |
| Prostheco bacter debontii                              | 1     | <a href="#">TMP</a>  |

| Name                                  | Group | Remarks   |
|---------------------------------------|-------|---|
| <i>Prostheco bacter de joneii</i>     | 1     |   |
| <i>Prostheco bacter fusiformis</i>    | 1     |   |
| <i>Prostheco bacter vanneervenii</i>  | 1     |   |
| <b>Prosthecochloris</b>               |       |   |
| <i>Prosthecochloris aestuarii</i>     | 1     |   |
| <b>Prosthecomicrobium</b>             |       |   |
| <i>Prosthecomicrobium enhydrium</i>   | 1     |   |
| <i>Prosthecomicrobium hirschii</i>    | 1     |   |
| <i>Prosthecomicrobium litoralum</i>   | 1     |   |
| <i>Prosthecomicrobium pneumaticum</i> | 1     |   |
| <b>Proteus</b>                        |       |   |
| <i>Proteus inconstans</i>             | 2     |   |
| equal synonym                         |       | <i>Providencia alcalifaciens</i>                    |
| equal synonym                         |       | <i>Providencia stuartii</i>                         |
| <i>Proteus inconstans</i>             |       |   |
| refer to                              |       | <a href="#">Providencia alcalifaciens</a>           |
| <i>Proteus inconstans</i>             |       |   |
| refer to                              |       | <a href="#">Providencia stuartii</a>                |
| <i>Proteus mirabilis</i>              | 2     |   |
| <i>Proteus morganii</i>               |       |   |
| refer to                              |       | <a href="#">Morganella morganii subsp. morganii</a> |
| <i>Proteus morganii</i>               | 2     |   |
| equal synonym                         |       | <i>Morganella morganii subsp. morganii</i>          |
| <i>Proteus myxofaciens</i>            | 1     | <a href="#">PI?</a>                                 |
| <i>Proteus penneri</i>                | 2     |   |
| <i>Proteus rettgeri</i>               | 2     |   |
| equal synonym                         |       | <i>Providencia rettgeri</i>                         |
| <i>Proteus rettgeri</i>               |       |   |
| refer to                              |       | <a href="#">Providencia rettgeri</a>                |
| <i>Proteus vulgaris</i>               | 2     |   |
| <b>Protomonas</b>                     |       |   |
| <i>Protomonas extorquens</i>          |       |   |
| refer to                              |       | <a href="#">Methylobacterium extorquens</a>         |
| <b>Providencia</b>                    |       |   |
| <i>Providencia alcalifaciens</i>      |       |   |
| refer to                              |       | <a href="#">Proteus inconstans</a>                  |
| <i>Providencia alcalifaciens</i>      | 2     |   |
| equal synonym                         |       | <i>Proteus inconstans</i>                           |
| <i>Providencia friedericiana</i>      |       |   |
| refer to                              |       | <a href="#">Providencia rustigianii</a>             |
| <i>Providencia heimbachae</i>         | 1     | <a href="#">PIIC</a>                                |
| <i>Providencia rettgeri</i>           |       |   |
| refer to                              |       | <a href="#">Proteus rettgeri</a>                    |

| Name   | Group | Remarks |
|--|-------|---------|
| Providencia rettgeri   | 2     |         |
| equal synonym Proteus rettgeri                                   |       |         |
| Providencia rustigianii  | 2     |         |
| lower priority synonym Providencia friedericana                  |       |         |
| Providencia stuartii refer to <a href="#">Proteus inconstans</a> |       |         |
| Providencia stuartii   | 2     |         |
| equal synonym Proteus inconstans                                 |       |         |
| Providencia stuartii   | 2     |         |

### Pseudaminobacter

|                                   |   |  |
|-----------------------------------|---|--|
| Pseudaminobacter salicylatoxidans | 1 |  |
|-----------------------------------|---|--|

### Pseudoalteromonas

|  |   |                    |
|--|---|--------------------|
| Pseudoalteromonas antarctica                       | 1 |                    |
| Pseudoalteromonas atlantica                        | 1 |                    |
| old name Alteromonas atlantica                     |   |                    |
| Pseudoalteromonas aurantia                         | 1 |                    |
| old name Alteromonas aurantia                      |   |                    |
| Pseudoalteromonas bacteriolytica                   | 1 |                    |
| Pseudoalteromonas carrageenovora                   | 1 |                    |
| old name Alteromonas carrageenovora                |   |                    |
| Pseudoalteromonas citrea                           | 1 |                    |
| old name Alteromonas citrea                        |   |                    |
| Pseudoalteromonas denitrificans                    | 1 |                    |
| old name Alteromonas denitrificans                 |   |                    |
| Pseudoalteromonas espejiana                        | 1 |                    |
| old name Alteromonas espejiana                     |   |                    |
| Pseudoalteromonas haloplanktis                     | 1 | <a href="#">PI</a> |
| old name Alteromonas haloplanktis                  |   |                    |
| Pseudoalteromonas haloplanktis subsp. haloplanktis | 1 | <a href="#">PI</a> |
| Pseudoalteromonas haloplanktis subsp. tetraodonis  | 1 | <a href="#">PI</a> |
| old name Alteromonas tetraodonis                   |   |                    |
| Pseudoalteromonas luteoviolacea                    | 1 |                    |
| old name Alteromonas luteoviolacea                 |   |                    |
| Pseudoalteromonas nigrifaciens                     | 1 |                    |
| old name Alteromonas nigrifaciens                  |   |                    |
| Pseudoalteromonas piscicida                        | 2 | <a href="#">PV</a> |
| old name Pseudomonas piscicida                     |   |                    |
| Pseudoalteromonas rubra                            | 1 |                    |
| old name Alteromonas rubra                         |   |                    |
| Pseudoalteromonas undina                           | 1 |                    |
| old name Alteromonas undina                        |   |                    |

### Pseudoamycolata

|   |  |  |
|---|--|--|
| Pseudoamycolata halophobica                         |  |  |
| refer to <a href="#">Pseudonocardia halophobica</a> |  |  |



| Name   | Group | Remarks             |
|--|-------|---------------------|
| <b>Pseudobutyrvibrio</b>   |       |                     |
| Pseudobutyrvibrio ruminis  | 1     |                     |
| <b>Pseudocaedibacter</b>   |       |                     |
| Pseudocaedibacter conjugatus   | 1     |                     |
| Pseudocaedibacter falsus   | 1     |                     |
| Pseudocaedibacter minutus  | 1     |                     |
| <b>Pseudomonas</b>   |       |                     |
| Pseudomonas abietaniphila  | 1     |                     |
| Pseudomonas acidovorans<br>refer to <a href="#">Comamonas acidovorans</a>            |       |                     |
| Pseudomonas aeruginosa   | 2     |                     |
| Pseudomonas agarici  | 1     | <a href="#">PP</a>  |
| Pseudomonas alcaligenes  | 2     |                     |
| Pseudomonas aminovorans<br>refer to <a href="#">Aminobacter aminovorans</a>          |       |                     |
| Pseudomonas amygdali   | 1     | <a href="#">PP</a>  |
| Pseudomonas andropogonis<br>refer to <a href="#">Burkholderia andropogonis</a>       |       |                     |
| Pseudomonas anguilliseptica  | 2     | <a href="#">PV</a>  |
| Pseudomonas antimicrobica  | 1     |                     |
| Pseudomonas asplenii   | 1     | <a href="#">PP</a>  |
| Pseudomonas aurantiaca   | 1     |                     |
| Pseudomonas aureofaciens<br>refer to <a href="#">Pseudomonas chlororaphis</a>        |       |                     |
| Pseudomonas avenae<br>refer to <a href="#">Acidovorax avenae subsp. avenae</a>       |       |                     |
| Pseudomonas azotoformans   | 1     |                     |
| Pseudomonas balearica  | 1     |                     |
| Pseudomonas beijerinckii   | 1     |                     |
| Pseudomonas beteli   | 1     |                     |
| Pseudomonas boreopolis   | 1     |                     |
| Pseudomonas carboxydohydrogena   | 1     |                     |
| Pseudomonas caricapapayae  | 1     | <a href="#">PP?</a> |
| Pseudomonas caryophylli<br>refer to <a href="#">Burkholderia caryophylli</a>         |       |                     |
| Pseudomonas cattleyae<br>refer to <a href="#">Acidovorax avenae subsp. cattleyae</a> |       |                     |
| Pseudomonas cepacia<br>refer to <a href="#">Burkholderia cepacia</a>                 |       |                     |
| Pseudomonas chlororaphis<br>lower priority syn-<br>onym Pseudomonas aureofaciens     | 1     |                     |
| Pseudomonas cichorii   | 1     | <a href="#">PP</a>  |

| Name   | Group | Remarks                              |
|--|-------|--------------------------------------|
| Pseudomonas cissicola                              |       |                                      |
| refer to <a href="#">Xanthomonas cissicola</a>     |       |                                      |
| Pseudomonas citronellolis                          | 1     |                                      |
| Pseudomonas cocovenenans                           |       |                                      |
| refer to <a href="#">Burkholderia cocovenenans</a> |       |                                      |
| Pseudomonas coronafaciens                          | 1     | <a href="#">PP</a>                   |
| Pseudomonas corrugata                              |       |                                      |
| refer to <a href="#">Acidovorax delafieldii</a>    |       |                                      |
| Pseudomonas delafieldii                            |       |                                      |
| refer to <a href="#">Acidovorax delafieldii</a>    |       |                                      |
| Pseudomonas diminuta                               |       |                                      |
| refer to <a href="#">Brevundimonas diminuta</a>    |       |                                      |
| Pseudomonas doudoroffii                            | 1     |                                      |
| Pseudomonas echinoides                             | 1     |                                      |
| Pseudomonas elongata                               | 1     |                                      |
| Pseudomonas facilis                                |       |                                      |
| refer to <a href="#">Acidovorax facilis</a>        |       |                                      |
| Pseudomonas ficuserectae                           | 1     | <a href="#">PP</a>                   |
| Pseudomonas flava                                  |       |                                      |
| refer to <a href="#">Hydrogenophaga flava</a>      |       |                                      |
| Pseudomonas flavescens                             | 1     | <a href="#">PP</a>                   |
| Pseudomonas flectens                               | 1     |                                      |
| Pseudomonas fluorescens                            | 1     | <a href="#">PIIC</a>                 |
| Pseudomonas fragi                                  | 1     |                                      |
| Pseudomonas fulva                                  | 1     |                                      |
| Pseudomonas fuscovaginae                           | 1     |                                      |
| Pseudomonas gelidicola                             | 1     |                                      |
| Pseudomonas geniculata                             | 1     |                                      |
| Pseudomonas gladioli                               |       |                                      |
| refer to <a href="#">Burkholderia gladioli</a>     |       |                                      |
| Pseudomonas glathei                                | 1     |                                      |
| Pseudomonas glumae                                 |       |                                      |
| refer to <a href="#">Burkholderia glumae</a>       |       |                                      |
| Pseudomonas halophila                              | 1     |                                      |
| Pseudomonas hibiscicola                            | 1     | <a href="#">PP?</a>                  |
| Pseudomonas huttiensis                             | 1     |                                      |
| Pseudomonas indigofera                             |       |                                      |
| refer to <a href="#">Vogesella indigofera</a>      |       |                                      |
| Pseudomonas iners                                  | 1     |                                      |
| Pseudomonas lanceolata                             | 1     |                                      |
| Pseudomonas lemoignei                              | 1     |                                      |
| Pseudomonas lundensis                              | 1     |                                      |
| Pseudomonas luteola                                | 2     |                                      |
| lower priority synonym                             |       | <a href="#">Chryseomonas luteola</a> |

| Name  | Group | Remarks                                 |
|---|-------|---|
| lower priority synonym<br>Chryseomonas polytricha   |       |   |
| Pseudomonas mallei<br>refer to <a href="#">Burkholderia mallei</a>  |       |   |
| Pseudomonas maltophilia<br>modern name Stenotrophomonas maltophilia   | 2     |   |
| Pseudomonas maltophilia<br>refer to <a href="#">Stenotrophomonas maltophilia</a>                            |       |   |
| Pseudomonas marginalis  | 1     | <a href="#">PP</a>                      |
| Pseudomonas marina<br>refer to <a href="#">Halomonas marina</a>   |       |   |
| Pseudomonas meliae  | 1     | <a href="#">PP</a>                      |
| Pseudomonas mendocina   | 2     |   |
| Pseudomonas mephitica   | 1     |   |
| Pseudomonas mesophilica<br>refer to <a href="#">Methylobacterium mesophilicum</a>                           |       |   |
| Pseudomonas mixta<br>refer to <a href="#">Telluria mixta</a>  |       |   |
| Pseudomonas monteilii   | 1     | <a href="#">PIIC</a>                    |
| Pseudomonas mucidolens  | 1     |   |
| Pseudomonas nautica   | 1     |   |
| Pseudomonas nitroreducens   | 1     |   |
| Pseudomonas oleovorans  | 1     |   |
| Pseudomonas oryzihabitans<br>lower priority synonym Flavimonas oryzihabitans                                | 2     |   |
| Pseudomonas palleronii<br>refer to <a href="#">Hydrogenophaga palleronii</a>                                |       |   |
| Pseudomonas paucimobilis<br>refer to <a href="#">Sphingomonas paucimobilis</a>                              |       |   |
| Pseudomonas perfectomarina<br>refer to <a href="#">Pseudomonas stutzeri</a>                                 |       |   |
| Pseudomonas pertucinogena   | 1     |   |
| Pseudomonas phenazinium   | 1     |   |
| Pseudomonas pickettii<br>refer to <a href="#">Ralstonia pickettii</a>                                       |       |   |
| Pseudomonas pictorum  | 1     |   |
| Pseudomonas piscicida<br>refer to <a href="#">Pseudoalteromonas piscicida</a>                               |       |   |
| Pseudomonas plantarii<br>refer to <a href="#">Burkholderia plantarii</a>                                    |       |   |
| Pseudomonas pseudoalcaligenes subsp. citrulli<br>refer to <a href="#">Acidovorax avenae subsp. citrulli</a> |       |   |
| Pseudomonas pseudoalcaligenes subsp. konjaci<br>refer to <a href="#">Acidovorax konjaci</a>                 |       |   |
| Pseudomonas pseudoalcaligenes   | 1     | <a href="#">PIIC</a> <a href="#">PP</a> |

| Name                                   | Group | Remarks   |
|--|-------|---|
| Pseudomonas pseudoflava                |       |   |
| refer to                               |       | <a href="#">Hydrogenophaga pseudoflava</a>      |
| Pseudomonas pseudomallei               |       |   |
| refer to                               |       | <a href="#">Burkholderia pseudomallei</a>       |
| Pseudomonas putida                     | 1     | <a href="#">PIIC</a>                            |
| Pseudomonas pyrocinia                  | 1     |   |
| Pseudomonas radiora                    |       |   |
| refer to                               |       | <a href="#">Methylobacterium radiotolerans</a>  |
| Pseudomonas resinovorans               | 1     |   |
| Pseudomonas rhodesiae                  | 1     |   |
| Pseudomonas rhodos                     |       |   |
| refer to                               |       | <a href="#">Methylobacterium rhodinum</a>       |
| Pseudomonas riboflavina                |       |   |
| refer to                               |       | <a href="#">Devosia riboflavina</a>             |
| Pseudomonas rubrilineans               |       |   |
| refer to                               |       | <a href="#">Acidovorax avenae subsp. avenae</a> |
| Pseudomonas rubrisubalbicans           |       |   |
| refer to                               |       | <a href="#">Herbaspirillum rubrisubalbicans</a> |
| Pseudomonas saccharophila              | 1     |   |
| Pseudomonas savastanoi                 | 1     | <a href="#">PP</a>                              |
| old name                               |       | Pseudomonas syringae subsp. savastanoi          |
| Pseudomonas solanacearum               |       |   |
| refer to                               |       | <a href="#">Ralstonia solanacearum</a>          |
| Pseudomonas spinosa                    | 1     |   |
| Pseudomonas stanieri                   | 1     |   |
| Pseudomonas straminea                  | 1     |   |
| Pseudomonas stutzeri                   | 1     | <a href="#">PIIC</a>                            |
| lower priority syn-<br>onym            |       | Pseudomonas perfectomarina                      |
| Pseudomonas synxantha                  | 1     |   |
| Pseudomonas syringae                   | 1     | <a href="#">PIIC</a>                            |
| Pseudomonas syringae pv. persicae      | 2     | <a href="#">PP QUA</a>                          |
| Pseudomonas syringae subsp. savastanoi |       |   |
| refer to                               |       | <a href="#">Pseudomonas savastanoi</a>          |
| Pseudomonas syringae subsp. syringae   | 2     |   |
| Pseudomonas syzygii                    | 1     | <a href="#">PP</a>                              |
| Pseudomonas taeniospiralis             |       |   |
| refer to                               |       | <a href="#">Hydrogenophaga taeniospiralis</a>   |
| Pseudomonas taetrolens                 | 1     |   |
| Pseudomonas testosteroni               |       |   |
| refer to                               |       | <a href="#">Comamonas testosteroni</a>          |
| Pseudomonas tolaasii                   | 1     | <a href="#">PP</a>                              |
| Pseudomonas veronii                    | 1     |   |
| Pseudomonas vesicularis                |       |   |
| refer to                               |       | <a href="#">Brevundimonas vesicularis</a>       |
| Pseudomonas viridiflava                | 1     | <a href="#">PP</a>                              |

| Name                                     | Group | Remarks                              |
|--|-------|--------------------------------------|
| <i>Pseudomonas woodsii</i>               | 1     | <a href="#">PP</a>                   |
| <b>Pseudonocardia</b>                    |       |                                      |
| <i>Pseudonocardia alni</i>               | 1     |                                      |
| old name                                 |       | <i>Amycolata alni</i>                |
| <i>Pseudonocardia autotrophica</i>       | 1     | <a href="#">PIIC</a>                 |
| old name                                 |       | <i>Nocardia autotrophica</i>         |
| old name                                 |       | <i>Amycolata autotrophica</i>        |
| <i>Pseudonocardia azurea</i>             |       |                                      |
| refer to                                 |       | <a href="#">Amycolatopsis azurea</a> |
| <i>Pseudonocardia compacta</i>           | 1     |                                      |
| <i>Pseudonocardia halophobica</i>        | 1     |                                      |
| old name                                 |       | <i>Pseudoamycolata halophobica</i>   |
| <i>Pseudonocardia hydrocarbonoxydans</i> | 1     |                                      |
| old name                                 |       | <i>Nocardia hydrocarbonoxydans</i>   |
| old name                                 |       | <i>Amycolata hydrocarbonoxydans</i>  |
| <i>Pseudonocardia nitrificans</i>        | 1     |                                      |
| <i>Pseudonocardia petroleophila</i>      | 1     |                                      |
| old name                                 |       | <i>Nocardia petroleophila</i>        |
| <i>Pseudonocardia saturnea</i>           | 1     |                                      |
| old name                                 |       | <i>Amycolata saturnea</i>            |
| old name                                 |       | <i>Nocardia saturnea</i>             |
| <i>Pseudonocardia spinosa</i>            | 1     |                                      |
| <i>Pseudonocardia thermophila</i>        | 1     |                                      |
| <b>Pseudoramibacter</b>                  |       |                                      |
| <i>Pseudoramibacter alactolyticus</i>    | 2     |                                      |
| old name                                 |       | <i>Eubacterium alactolyticum</i>     |
| <b>Psychrobacter</b>                     |       |                                      |
| <i>Psychrobacter frigidicola</i>         | 1     |                                      |
| <i>Psychrobacter glacincola</i>          | 1     |                                      |
| <i>Psychrobacter immobilis</i>           | 1     | <a href="#">PIIC</a>                 |
| <i>Psychrobacter phenylpyruvicus</i>     | 2     |                                      |
| old name                                 |       | <i>Moraxella phenylpyruvica</i>      |
| <i>Psychrobacter urativorans</i>         | 1     |                                      |
| <b>Psychroserpens</b>                    |       |                                      |
| <i>Psychroserpens burtonensis</i>        | 1     |                                      |
| <b>Pyrobaculum</b>                       |       |                                      |
| <i>Pyrobaculum aerophilum</i>            | 1     |                                      |
| <i>Pyrobaculum islandicum</i>            | 1     |                                      |
| <i>Pyrobaculum organotrophum</i>         | 1     |                                      |
| <b>Pyrococcus</b>                        |       |                                      |
| <i>Pyrococcus furiosus</i>               | 1     |                                      |
| <i>Pyrococcus woesei</i>                 | 1     |                                      |

| Name                                 | Group | Remarks   |
|--------------------------------------|-------|---|
| <b>Pyrodictium</b>                   |       |   |
| Pyrodictium abyssii                  | 1     |   |
| Pyrodictium brockii                  | 1     |   |
| Pyrodictium occultum                 | 1     |   |
| <b>Quinella</b>                      |       |   |
| Quinella ovalis                      | 1     |   |
| <b>Rahnella</b>                      |       |   |
| Rahnella aquatilis                   | 1     | <a href="#">PIIC</a>                                |
| <b>Ralstonia</b>                     |       |   |
| Alcaligenes eutrophus<br>refer to    |       | <a href="#">Ralstonia eutropha</a>                  |
| Ralstonia eutropha<br>old name       | 2     | Alcaligenes eutrophus                               |
| Ralstonia pickettii<br>old name      | 2     | <a href="#">PIIC</a><br>Burkholderia pickettii      |
| old name                             |       | Pseudomonas pickettii                               |
| Ralstonia solanacearum<br>old name   | 2     | <a href="#">PP QUA</a><br>Burkholderia solanacearum |
| old name                             |       | Pseudomonas solanacearum                            |
| <b>Rarobacter</b>                    |       |   |
| Rarobacter faecitabidus              | 1     |   |
| Rarobacter incanus                   | 1     |   |
| <b>Rathayibacter</b>                 |       |   |
| Corynebacterium iranicum<br>refer to |       | <a href="#">Rathayibacter iranicus</a>              |
| Corynebacterium rathayi<br>refer to  |       | <a href="#">Rathayibacter rathayi</a>               |
| Corynebacterium tritici<br>refer to  |       | <a href="#">Rathayibacter tritici</a>               |
| Rathayibacter iranicus<br>old name   | 1     | <a href="#">PP</a><br>Clavibacter iranicus          |
| old name                             |       | Corynebacterium iranicum                            |
| Rathayibacter rathayi<br>old name    | 1     | <a href="#">PP</a><br>Clavibacter rathayi           |
| old name                             |       | Corynebacterium rathayi                             |
| Rathayibacter tritici<br>old name    | 1     | <a href="#">PP</a><br>Clavibacter tritici           |
| old name                             |       | Corynebacterium tritici                             |
| <b>Renibacterium</b>                 |       |   |
| Renibacterium salmoninarum           | 2     | <a href="#">PV</a>                                  |
| <b>Rhabdochromatium</b>              |       |   |
| Rhabdochromatium marinum             | 1     |   |

| Name   | Group | Remarks            |
|--|-------|--------------------|
| <b>Rhizobacter</b>   |       |                    |
| Rhizobacter dauci  | 1     |                    |
| <b>Rhizobium</b>   |       |                    |
| Rhizobium ciceri<br>refer to <a href="#">Mesorhizobium ciceri</a>                        |       |                    |
| Rhizobium etli<br>old name Rhizobium leguminosarum biovar phaseoli Typ 1                 | 1     |                    |
| Rhizobium fredii<br>refer to <a href="#">Sinorhizobium fredii</a>                        |       |                    |
| Rhizobium galegae  | 1     |                    |
| Rhizobium gallicum   | 1     |                    |
| Rhizobium giardinii  | 1     |                    |
| Rhizobium hainanense   | 1     |                    |
| Rhizobium huakuii<br>refer to <a href="#">Mesorhizobium huakuii</a>                      |       |                    |
| Rhizobium indigoferae  | 1     |                    |
| Rhizobium japonicum<br>refer to <a href="#">Bradyrhizobium japonicum</a>                 |       |                    |
| Rhizobium leguminosarum  | 1     |                    |
| Rhizobium leguminosarum biovar phaseoli Typ 1<br>refer to <a href="#">Rhizobium etli</a> |       |                    |
| Rhizobium loti<br>refer to <a href="#">Mesorhizobium loti</a>                            |       |                    |
| Rhizobium lupini   | 1     |                    |
| Rhizobium mediterraneum<br>refer to <a href="#">Mesorhizobium mediterraneum</a>          |       |                    |
| Rhizobium meliloti<br>refer to <a href="#">Sinorhizobium meliloti</a>                    |       |                    |
| Rhizobium phaseoli   | 1     |                    |
| Rhizobium plurifarum<br>refer to <a href="#">Mesorhizobium plurifarum</a>                |       |                    |
| Rhizobium radiobacter  | 1     |                    |
| Rhizobium rhizogenes   | 1     |                    |
| Rhizobium tianshanense<br>refer to <a href="#">Mesorhizobium tianshanense</a>            |       |                    |
| Rhizobium trifolii   | 1     |                    |
| Rhizobium tropici  | 1     |                    |
| <b>Rhizomonas</b>  |       |                    |
| Rhizomonas suberifaciens   | 1     | <a href="#">PP</a> |
| <b>Rhodobacter</b>   |       |                    |
| Rhodobacter adriaticus<br>refer to <a href="#">Rhodovulum adriaticum</a>                 |       |                    |
| Rhodobacter azotoformans   | 1     |                    |

| Name  | Group | Remarks              |
|---|-------|----------------------|
| Rhodobacter blasticus                                   | 1     |                      |
| old name Rhodopseudomonas blastica                      |       |                      |
| Rhodobacter capsulatus                                  | 1     |                      |
| old name Rhodopseudomonas capsulata                     |       |                      |
| Rhodobacter euryhalinus                                 |       |                      |
| refer to <a href="#">Rhodovulum euryhalinum</a>         |       |                      |
| Rhodobacter sphaeroides                                 | 1     |                      |
| old name Rhodopseudomonas sphaeroides                   |       |                      |
| Rhodobacter sulfidophilus                               |       |                      |
| refer to <a href="#">Rhodovulum sulfidophilum</a>       |       |                      |
| Rhodobacter veldkampii                                  | 1     |                      |
| <b>Rhodobium</b>  |       |                      |
| Rhodobium marinum                                       | 1     |                      |
| old name Rhodopseudomonas marina                        |       |                      |
| Rhodobium orientis                                      | 1     |                      |
| <b>Rhodocista</b>                                       |       |                      |
| Rhodocista centenaria                                   | 1     |                      |
| <b>Rhodococcus</b>                                      |       |                      |
| Corynebacterium equi                                    |       |                      |
| refer to <a href="#">Rhodococcus equi</a>               |       |                      |
| Corynebacterium fascians                                |       |                      |
| refer to <a href="#">Rhodococcus fascians</a>           |       |                      |
| Rhodococcus aichiensis                                  |       |                      |
| refer to <a href="#">Gordonia aichiensis</a>            |       |                      |
| Rhodococcus aurantiacus                                 |       |                      |
| refer to <a href="#">Tsukamurella paurometabola</a>     |       |                      |
| Rhodococcus bronchialis                                 |       |                      |
| refer to <a href="#">Gordonia bronchialis</a>           |       |                      |
| Rhodococcus chlorophenolicus                            |       |                      |
| refer to <a href="#">Mycobacterium chlorophenolicum</a> |       |                      |
| Rhodococcus chubuensis                                  |       |                      |
| refer to <a href="#">Gordonia sputi</a>                 |       |                      |
| Rhodococcus coprophilus                                 | 1     |                      |
| Rhodococcus corallinus                                  |       |                      |
| refer to <a href="#">Gordonia rubripertincta</a>        |       |                      |
| Rhodococcus equi  | 2     |                      |
| old name Corynebacterium equi                           |       |                      |
| old name Nocardia restricta                             |       |                      |
| Rhodococcus erythropolis                                | 1     | <a href="#">PIIC</a> |
| old name Arthrobacter picolinophilus                    |       |                      |
| old name Nocardia calcarea                              |       |                      |
| Rhodococcus fascians                                    | 1     | <a href="#">PP</a>   |
| lower priority synonym Rhodococcus luteus               |       |                      |
| old name Corynebacterium fascians                       |       |                      |



| Name   | Group | Remarks              |
|--|-------|----------------------|
| Rhodococcus globerulus                           | 1     |                      |
| old name            Nocardia globerula           |       |                      |
| Rhodococcus luteus                               |       |                      |
| refer to <a href="#">Rhodococcus fascians</a>    |       |                      |
| Rhodococcus marinonascens                        | 1     |                      |
| Rhodococcus maris                                |       |                      |
| refer to <a href="#">Dietzia maris</a>           |       |                      |
| Rhodococcus obuensis                             |       |                      |
| refer to <a href="#">Gordonia sputi</a>          |       |                      |
| Rhodococcus opacus                               | 1     |                      |
| Rhodococcus percolatus                           | 1     |                      |
| Rhodococcus rhodnii                              | 1     |                      |
| Rhodococcus rhodochrous                          | 1     | <a href="#">PIIC</a> |
| old name            Rhodococcus roseus           |       |                      |
| Rhodococcus roseus                               |       |                      |
| refer to <a href="#">Rhodococcus rhodochrous</a> |       |                      |
| Rhodococcus ruber                                | 1     |                      |
| Rhodococcus rubripertinctus                      |       |                      |
| refer to <a href="#">Gordonia rubripertincta</a> |       |                      |
| Rhodococcus sputi                                |       |                      |
| refer to <a href="#">Gordonia sputi</a>          |       |                      |
| Rhodococcus terrae                               |       |                      |
| refer to <a href="#">Gordonia terrae</a>         |       |                      |
| Rhodococcus zopfii                               | 1     |                      |
| <b>Rhodocyclus</b>                               |       |                      |
| Rhodocyclus gelatinosus                          |       |                      |
| refer to <a href="#">Rubrivivax gelatinosus</a>  |       |                      |
| Rhodocyclus purpureus                            | 1     |                      |
| Rhodocyclus tenuis                               | 1     |                      |
| old name            Rhodospirillum tenue         |       |                      |
| <b>Rhodoferax</b>                                |       |                      |
| Rhodoferax fermentans                            | 1     |                      |
| <b>Rhodomicrobium</b>                            |       |                      |
| Rhodomicrobium vanniellii                        | 1     |                      |
| <b>Rhodopila</b>                                 |       |                      |
| Rhodopila globiformis                            | 1     |                      |
| old name            Rhodopseudomonas globiformis |       |                      |
| <b>Rhodoplanes</b>                               |       |                      |
| Rhodoplanes elegans                              | 1     |                      |
| Rhodoplanes roseus                               | 1     |                      |
| old name            Rhodopseudomonas rosea       |       |                      |
| <b>Rhodopseudomonas</b>                          |       |                      |
| Rhodopseudomonas acidophila                      | 1     |                      |

| Name                          | Group | Remarks                                    |
|-------------------------------|-------|--|
| Rhodopseudomonas adriatica    |       |  |
| refer to                      |       | <a href="#">Rhodovulum adriaticum</a>      |
| Rhodopseudomonas blastica     |       |  |
| refer to                      |       | <a href="#">Rhodobacter blasticus</a>      |
| Rhodopseudomonas capsulata    |       |  |
| refer to                      |       | <a href="#">Rhodobacter capsulatus</a>     |
| Rhodopseudomonas gelatinosa   |       |  |
| refer to                      |       | <a href="#">Rubrivivax gelatinosus</a>     |
| Rhodopseudomonas globiformis  |       |  |
| refer to                      |       | <a href="#">Rhodopila globiformis</a>      |
| Rhodopseudomonas julia        | 1     |  |
| Rhodopseudomonas marina       |       |  |
| refer to                      |       | <a href="#">Rhodobium marinum</a>          |
| Rhodopseudomonas palustris    | 1     |  |
| lower priority syn-<br>onym   |       | Rhodopseudomonas rutila                    |
| Rhodopseudomonas rosea        |       |  |
| refer to                      |       | <a href="#">Rhodoplanes roseus</a>         |
| Rhodopseudomonas rutila       |       |  |
| refer to                      |       | <a href="#">Rhodopseudomonas palustris</a> |
| Rhodopseudomonas sphaeroides  |       |  |
| refer to                      |       | <a href="#">Rhodobacter sphaeroides</a>    |
| Rhodopseudomonas sulfidophila |       |  |
| refer to                      |       | <a href="#">Rhodovulum sulfidophilum</a>   |
| Rhodopseudomonas sulfoviridis |       |  |
| refer to                      |       | <a href="#">Blastochloris sulfoviridis</a> |
| Rhodopseudomonas viridis      |       |  |
| refer to                      |       | <a href="#">Blastochloris viridis</a>      |

### 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         |   |                                    |
| refer to                     |   | <a href="#">Rhodocyclus tenuis</a> |

### Rhodothermus

|                        |   |  |
|------------------------|---|--|
| Rhodothermus marinus   | 1 |  |
| Rhodothermus obamensis | 1 |  |

| Name                     | Group                                  | Remarks       |
|--------------------------|--|---------------|
| <b>Rhodovulum</b>        |  |               |
| Rhodovulum adriaticum    | 1                                      |               |
| old name                 | Rhodobacter adriaticus                 |               |
| old name                 | Rhodopseudomonas adriatica             |               |
| Rhodovulum euryhalinum   | 1                                      |               |
| old name                 | Rhodobacter euryhalinus                |               |
| Rhodovulum strictum      | 1                                      |               |
| Rhodovulum sulfidophilum | 1                                      |               |
| old name                 | Rhodobacter sulfidophilus              |               |
| old name                 | Rhodopseudomonas sulfidophila          |               |
| <b>Rickettsia</b>        |  |               |
| Rickettsia aeschlimannii | 3                                      |               |
| Rickettsia africae       | 3                                      |               |
| Rickettsia akari         | 3                                      | <u>**</u>     |
| Rickettsia australis     | 3                                      |               |
| Rickettsia bellii        | 3                                      |               |
| Rickettsia canadensis    | 3                                      | <u>**</u>     |
| Rickettsia conorii       | 3                                      |               |
| Rickettsia helvetica     | 3                                      | <u>PV</u>     |
| Rickettsia honei         | 3                                      |               |
| Rickettsia japonica      | 3                                      |               |
| Rickettsia massiliae     | 3                                      |               |
| Rickettsia montanensis   | 3                                      | <u>** PV?</u> |
| Rickettsia parkeri       | 3                                      | <u>PV</u>     |
| Rickettsia peacockii     | 3                                      |               |
| Rickettsia prowazekii    | 3                                      |               |
| Rickettsia rhipicephali  | 3                                      | <u>PV?</u>    |
| Rickettsia rickettsii    | 3                                      |               |
| Rickettsia sennetsu      |  |               |
| refer to                 | <a href="#">Ehrlichia sennetsu</a>     |               |
| Rickettsia sibirica      | 3                                      |               |
| Rickettsia slovaca       | 3                                      |               |
| Rickettsia tsutsugamushi |  |               |
| refer to                 | <a href="#">Orientia tsutsugamushi</a> |               |
| Rickettsia typhi         | 3                                      |               |
| <b>Rickettsiella</b>     |  |               |
| Rickettsiella chironomi  | 1                                      | <u>PI</u>     |
| Rickettsiella grylli     | 1                                      | <u>PI</u>     |
| Rickettsiella popilliae  | 1                                      | <u>PI</u>     |
| Rickettsiella stethorae  | 1                                      | <u>PI</u>     |
| <b>Riemerella</b>        |  |               |
| Riemerella anatipestifer | 2                                      | <u>PV</u>     |

| Name                |  | Group | Remarks              |
|---------------------|--|-------|----------------------|
| old name            | Moraxella anatipestifer                |       |                      |
|                     | Riemerella columbina                   | 2     |                      |
| <b>Rikenella</b>    |  |       |                      |
|                     | Rikenella microfusis                   | 1     |                      |
| modern name         | Bacteroides microfusis                 |       |                      |
| <b>Rochalimaea</b>  |  |       |                      |
|                     | Rochalimaea elizabethae                |       |                      |
| refer to            | <a href="#">Bartonella elizabethae</a> |       |                      |
|                     | Rochalimaea henselae                   |       |                      |
| refer to            | <a href="#">Bartonella henselae</a>    |       |                      |
|                     | Rochalimaea quintana                   |       |                      |
| refer to            | <a href="#">Bartonella quintana</a>    |       |                      |
|                     | Rochalimaea vinsonii                   |       |                      |
| refer to            | <a href="#">Bartonella vinsonii</a>    |       |                      |
| <b>Roseburia</b>    |  |       |                      |
|                     | Roseburia cecicola                     | 1     |                      |
| <b>Roseobacter</b>  |  |       |                      |
|                     | Roseobacter algicola                   | 1     |                      |
|                     | Roseobacter denitrificans              | 1     |                      |
|                     | Roseobacter litoralis                  | 1     |                      |
| <b>Roseococcus</b>  |  |       |                      |
|                     | Roseococcus thiosulfatophilus          | 1     |                      |
| <b>Rothia</b>       |  |       |                      |
|                     | Rothia dentocariosa                    | 1     | <a href="#">PIIC</a> |
| <b>Rubrivivax</b>   |  |       |                      |
|                     | Rubrivivax gelatinosus                 | 1     |                      |
| old name            | Rhodocyclus gelatinosus                |       |                      |
| old name            | Rhodopseudomonas gelatinosa            |       |                      |
| <b>Rubrobacter</b>  |  |       |                      |
|                     | Rubrobacter radiotolerans              | 1     |                      |
| old name            | Arthrobacter radiotolerans             |       |                      |
|                     | Rubrobacter xylanophilus               | 1     |                      |
| <b>Rugamonas</b>    |  |       |                      |
|                     | Rugamonas rubra                        | 1     |                      |
| <b>Ruminobacter</b> |  |       |                      |
|                     | Ruminobacter amylophilus               | 1     |                      |
| old name            | Bacteroides amylophilus                |       |                      |
| <b>Ruminococcus</b> |  |       |                      |
|                     | Ruminococcus albus                     | 1     |                      |
|                     | Ruminococcus bromii                    | 1     |                      |

| Name  | Group | Remarks              |
|---|-------|----------------------|
| Ruminococcus callidus                                       | 1     |                      |
| Ruminococcus flavefaciens                                   | 1     |                      |
| Ruminococcus gnavus   | 1     |                      |
| Ruminococcus hansenii                                       | 1     |                      |
| old name            Streptococcus hansenii                  |       |                      |
| Ruminococcus hydrogenotrophicus                             | 1     |                      |
| Ruminococcus lactaris                                       | 1     |                      |
| Ruminococcus obeum  | 1     |                      |
| Ruminococcus palustris                                      | 1     |                      |
| Ruminococcus pasteurii                                      |       |                      |
| refer to <a href="#">Lactosphaera pasteurii</a>             |       |                      |
| Ruminococcus productus                                      | 1     |                      |
| old name            Peptostreptococcus productus            |       |                      |
| Ruminococcus schinkii                                       | 1     |                      |
| Ruminococcus torques  | 1     |                      |
| <b>Runella</b>  |       |                      |
| Runella slithyformis  | 1     |                      |
| <b>Saccharobacter</b>                                       |       |                      |
| Saccharobacter fermentatus                                  | 1     |                      |
| <b>Saccharococcus</b>                                       |       |                      |
| Saccharococcus thermophilus                                 | 1     |                      |
| <b>Saccharomonospora</b>                                    |       |                      |
| Saccharomonospora azurea                                    | 1     |                      |
| Saccharomonospora cyanea                                    | 1     |                      |
| Saccharomonospora glauca                                    | 1     |                      |
| Saccharomonospora viridis                                   | 1     | <a href="#">PIIC</a> |
| <b>Saccharopolyspora</b>                                    |       |                      |
| Saccharopolyspora erythraea                                 | 1     |                      |
| old name            Streptomyces erythraeus                 |       |                      |
| Saccharopolyspora gregorii                                  | 1     |                      |
| Saccharopolyspora hirsuta subsp. hirsuta                    | 1     |                      |
| Saccharopolyspora hirsuta subsp. kobensis                   | 1     |                      |
| Saccharopolyspora hirsuta subsp. taberi                     |       |                      |
| refer to <a href="#">Saccharopolyspora taberi</a>           |       |                      |
| Saccharopolyspora hordei                                    | 1     |                      |
| Saccharopolyspora reactivigula                              | 1     | <a href="#">PIIC</a> |
| old name            Micropolyspora reactivigula             |       |                      |
| old name            Micropolyspora faeni                    |       |                      |
| old name            Faenia reactivigula                     |       |                      |
| Saccharopolyspora spinosa                                   | 1     |                      |
| Saccharopolyspora taberi                                    | 1     |                      |
| old name            Saccharopolyspora hirsuta subsp. taberi |       |                      |

| Name  | Group | Remarks  |
|---|-------|--|
| Streptomyces erythraeus                             |       |  |
| refer to  |       | <a href="#">Saccharopolyspora erythraea</a>              |
| <b>Saccharothrix</b>                                |       |  |
| Saccharothrix aerocolonigenes                       | 1     | <a href="#">PIIC</a>                                     |
| Saccharothrix australiensis                         | 1     |  |
| Saccharothrix coeruleofusca                         | 1     |  |
| old name  |       | Nocardiopsis coeruleofusca                               |
| old name  |       | Actinomadura coeruleofusca                               |
| Saccharothrix coeruleoviolacea                      | 1     |  |
| old name  |       | Actinomadura coeruleoviolacea                            |
| Saccharothrix cryophilis                            | 1     |  |
| Saccharothrix espanaensis                           | 1     |  |
| Saccharothrix flava                                 | 1     |  |
| old name  |       | Actinomadura flava                                       |
| old name  |       | Nocardiopsis flava                                       |
| Saccharothrix longispora                            | 1     |  |
| old name  |       | Nocardiopsis longispora                                  |
| old name  |       | Actinomadura longispora                                  |
| Saccharothrix mutabilis                             |       |  |
| refer to  |       | <a href="#">Saccharothrix mutabilis subsp. mutabilis</a> |
| Saccharothrix mutabilis subsp. capreolus            | 1     |  |
| Saccharothrix mutabilis subsp. mutabilis            | 1     |  |
| old name  |       | Nocardiopsis mutabilis                                   |
| old name  |       | Saccharothrix mutabilis                                  |
| Saccharothrix syringae                              | 1     |  |
| old name  |       | Nocardiopsis syringae                                    |
| Saccharothrix texasensis                            | 1     |  |
| Saccharothrix waywayandensis                        | 1     |  |
| <b>Sagittula</b>                                    |       |  |
| Sagittula stellata                                  | 1     |  |
| <b>Salinicoccus</b>                                 |       |  |
| Salinicoccus hispanicus                             | 1     |  |
| old name  |       | Marinococcus hispanicus                                  |
| Salinicoccus roseus                                 | 1     |  |
| <b>Salinivibrio</b>                                 |       |  |
| Salinivibrio costicola                              | 1     |  |
| old name  |       | Vibrio costicola   |
| <b>Salmonella</b>                                   |       |  |
| Kopie von Salmonella choleraesuis subsp. salamae    | 2     |  |
| Salmonella bongori                                  | 2     |  |
| Salmonella choleraesuis                             | 2     |  |
| Salmonella choleraesuis ("enterica") subsp. salamae | 2     |  |
| Salmonella choleraesuis subsp. arizonae             | 2     |  |

| Name   | Group | Remarks            |
|--|-------|--------------------|
| Salmonella choleraesuis subsp. bongori   | 2     |                    |
| Salmonella choleraesuis subsp. choleraesuis  | 2     |                    |
| Salmonella choleraesuis subsp. diarizonae  | 2     |                    |
| Salmonella choleraesuis subsp. houtenae  | 2     |                    |
| Salmonella choleraesuis subsp. indica  | 2     |                    |
| Salmonella choleraesuis subsp. salamae   | 2     |                    |
| Kopie von Salmonella choleraesuis subsp. salamae   | 2     |                    |
| Salmonella enterica  | 2     |                    |
| Salmonella enterica subsp. arizonae  | 2     |                    |
| Salmonella enterica subsp. bongori   | 2     |                    |
| Salmonella enterica subsp. diarizonae  | 2     |                    |
| Salmonella enterica subsp. enterica  | 2     |                    |
| Salmonella enterica subsp. houtenae  | 2     |                    |
| Salmonella enterica subsp. indica  | 2     |                    |
| Salmonella enterica subsp. salamae   | 2     |                    |
| Salmonella enteritidis   | 2     |                    |
| Salmonella paratyphi   | 2     |                    |
| Salmonella subterranea   | 2     |                    |
| Salmonella typhi   | 3     | <a href="#">**</a> |
| Salmonella typhimurium apathogenic exceptions<br>e.g. strains for Ames Test TA 98, TA 100, TA 1535, TA 1530, TA 2631 | 1     |                    |

### Sandaracinobacter

|                             |   |  |
|-----------------------------|---|--|
| Sandaracinobacter sibiricus | 1 |  |
|-----------------------------|---|--|

### Sanguibacter

|                       |   |                     |
|-----------------------|---|---------------------|
| Sanguibacter inulinus | 2 | <a href="#">PV?</a> |
| Sanguibacter keddieii | 2 | <a href="#">PV?</a> |
| Sanguibacter suarezii | 2 | <a href="#">PV?</a> |

### Saprospira

|                    |   |  |
|--------------------|---|--|
| Saprospira grandis | 1 |  |
|--------------------|---|--|

### Sarcina

|                    |   |  |
|--------------------|---|--|
| Sarcina maxima     | 1 |  |
| Sarcina ventriculi | 1 |  |

### Sarcobium

|  |   |                    |
|--|---|--------------------|
| Sarcobium lyticum<br>refer to <a href="#">Legionella lytica</a>    |   |                    |
| Sarcobium lyticum<br>modern name <a href="#">Legionella lytica</a> | 1 | <a href="#">PI</a> |

### Schwartzia

|                          |   |  |
|--------------------------|---|--|
| Schwartzia succinivorans | 1 |  |
|--------------------------|---|--|

### Sebaldella

|                       |   |  |
|-----------------------|---|--|
| Sebaldella termitidis | 1 |  |
|-----------------------|---|--|

| Name                                       |  | Group | Remarks              |
|--|--|-------|----------------------|
| old name                                   | Bacteroides termitidis                   |       |                      |
| <b>Selenomonas</b>                         |  |       |                      |
| Selenomonas acidaminovorans                |  | 1     |                      |
| Selenomonas artemidis                      |  | 2     |                      |
| Selenomonas diana                          |  | 2     |                      |
| Selenomonas flueggei                       |  | 2     |                      |
| Selenomonas infelix                        |  | 2     |                      |
| Selenomonas lactificifex                   |  | 1     |                      |
| Selenomonas noxia                          |  | 2     |                      |
| Selenomonas ruminantium subsp. lactilytica |  | 1     |                      |
| Selenomonas ruminantium subsp. ruminantium |  | 1     |                      |
| Selenomonas sputigena                      |  | 1     | <a href="#">PIIC</a> |
| <b>Seliberia</b>                           |  |       |                      |
| Seliberia stellata                         |  | 1     |                      |
| <b>Serpens</b>                             |  |       |                      |
| Serpens flexibilis                         |  | 1     |                      |
| <b>Serpula</b>                             |  |       |                      |
| Serpula hyodysenteriae                     |  |       |                      |
| refer to                                   | <a href="#">Serpulina hyodysenteriae</a> |       |                      |
| Serpula innocens                           |  |       |                      |
| refer to                                   | <a href="#">Serpulina innocens</a>       |       |                      |
| <b>Serpulina</b>                           |  |       |                      |
| Serpulina hyodysenteriae                   |  | 2     | <a href="#">PV</a>   |
| old name                                   | Serpula hyodysenteriae                   |       |                      |
| old name                                   | Treponema hyodysenteriae                 |       |                      |
| Serpulina innocens                         |  | 1     |                      |
| old name                                   | Treponema innocens                       |       |                      |
| old name                                   | Serpula innocens                         |       |                      |
| Serpulina intermedia                       |  | 2     | <a href="#">PV</a>   |
| Serpulina murdochii                        |  | 1     |                      |
| Serpulina pilosicoli                       |  | 2     |                      |
| <b>Serratia</b>                            |  |       |                      |
| Serratia entomophila                       |  | 1     | <a href="#">PI</a>   |
| Serratia ficaria                           |  | 1     |                      |
| Serratia fonticola                         |  | 1     |                      |
| Serratia grimesii                          |  | 2     |                      |
| Serratia marcescens                        |  | 2     |                      |
| Serratia marcescens subsp. marcescens      |  | 2     |                      |
| Serratia marcescens subsp. sakuensis       |  | 2     |                      |
| Serratia marinorubra                       |  |       |                      |
| refer to                                   | <a href="#">Serratia rubidaea</a>        |       |                      |
| Serratia odorifera                         |  | 1     | <a href="#">PIIC</a> |



| Name  | Group | Remarks              |
|---|-------|----------------------|
| <i>Serratia plymuthica</i>  | 1     | <a href="#">PIIC</a> |
| <i>Serratia proteamaculans</i> subsp. <i>proteamaculans</i>                       | 2     | <a href="#">PI</a>   |
| <i>Serratia proteamaculans</i> subsp. <i>quinovora</i>                            | 1     |                      |
| <i>Serratia rubidaea</i><br>lower priority synonym<br><i>Serratia marinorubra</i> | 2     | <a href="#">PI</a>   |

### Shewanella

|   |   |                      |
|---|---|----------------------|
| <i>Shewanella algae</i>   | 2 |                      |
| <i>Shewanella benthica</i>  | 1 |                      |
| <i>Shewanella colwelliana</i><br>old name<br><i>Alteromonas colwelliana</i>   | 1 |                      |
| <i>Shewanella frigidimarina</i>   | 1 |                      |
| <i>Shewanella gelidimarina</i>  | 1 |                      |
| <i>Shewanella hanedai</i><br>old name<br><i>Alteromonas hanedai</i>           | 1 |                      |
| <i>Shewanella putrefaciens</i><br>old name<br><i>Alteromonas putrefaciens</i> | 1 | <a href="#">PIIC</a> |
| <i>Shewanella woodyi</i>  | 1 |                      |

### Shigella

|   |   |                    |
|---|---|--------------------|
| <i>Shigella boydii</i>                              | 2 |                    |
| <i>Shigella dysenteriae</i> (ausgenommen Serovar 1) | 2 |                    |
| <i>Shigella dysenteriae</i> (Serovar 1)             | 3 | <a href="#">**</a> |
| <i>Shigella flexneri</i>                            | 2 |                    |
| <i>Shigella sonnei</i>                              | 2 |                    |

### Simonsiella

|                             |   |  |
|-----------------------------|---|--|
| <i>Simonsiella crassa</i>   | 1 |  |
| <i>Simonsiella muelleri</i> | 1 |  |
| <i>Simonsiella steedae</i>  | 1 |  |

### Sinorhizobium

|   |   |  |
|---|---|--|
| <i>Sinorhizobium fredii</i><br>old name<br><i>Sinorhizobium xinjiangense</i><br>old name<br><i>Rhizobium fredii</i> | 1 |  |
| <i>Sinorhizobium medicae</i>  | 1 |  |
| <i>Sinorhizobium meliloti</i><br>old name<br><i>Rhizobium meliloti</i>  | 1 |  |
| <i>Sinorhizobium saheli</i>   | 1 |  |
| <i>Sinorhizobium teranga</i>  | 1 |  |
| <i>Sinorhizobium xinjiangense</i><br>refer to<br><a href="#">Sinorhizobium fredii</a>                               |   |  |

### Skermania

|   |   |  |
|---|---|--|
| <i>Skermania piniformis</i><br>old name<br><i>Nocardia pinensis</i> | 1 |  |
|---|---|--|

| Name                          | Group                                   | Remarks              |
|-------------------------------|---|----------------------|
| <b>Sphaerobacter</b>          |   |                      |
| Sphaerobacter thermophilus    | 1                                       |                      |
| <b>Sphaerotilus</b>           |   |                      |
| Sphaerotilus natans           | 1                                       |                      |
| <b>Sphingobacterium</b>       |   |                      |
| Sphingobacterium antarcticum  | 1                                       |                      |
| Sphingobacterium faecium      | 1                                       | <a href="#">TMP</a>  |
| Sphingobacterium heparinum    | 1                                       |                      |
| old name                      | Cytophaga heparina                      |                      |
| old name                      | Flavobacterium heparinum                |                      |
| Sphingobacterium mizutaii     |   |                      |
| refer to                      | <a href="#">Flavobacterium mizutaii</a> |                      |
| Sphingobacterium multivorum   | 2                                       |                      |
| old name                      | Flavobacterium multivorum               |                      |
| Sphingobacterium piscium      | 1                                       | <a href="#">TMP</a>  |
| Sphingobacterium spiritivorum | 2                                       |                      |
| lower priority syn-<br>onym   | Flavobacterium yabuuchiae               |                      |
| old name                      | Flavobacterium spiritivorum             |                      |
| Sphingobacterium thalpophilum | 2                                       |                      |
| old name                      | Flavobacterium thalpophilum             |                      |
| <b>Sphingomonas</b>           |   |                      |
| Sphingomonas adhaesiva        | 1                                       |                      |
| Sphingomonas aromaticivorans  | 1                                       |                      |
| Sphingomonas asaccharolytica  | 1                                       |                      |
| Sphingomonas capsulata        | 1                                       |                      |
| old name                      | Flavobacterium capsulatum               |                      |
| Sphingomonas chlorophenolica  | 1                                       |                      |
| Sphingomonas herbicidovorans  | 1                                       |                      |
| Sphingomonas macrogoltabidus  | 1                                       | <a href="#">TMP</a>  |
| Sphingomonas mali             | 1                                       |                      |
| Sphingomonas parapaucimobilis | 2                                       |                      |
| Sphingomonas paucimobilis     | 2                                       |                      |
| old name                      | Pseudomonas paucimobilis                |                      |
| Sphingomonas pruni            | 1                                       |                      |
| Sphingomonas rosa             | 1                                       |                      |
| Sphingomonas sanguinis        | 1                                       | <a href="#">PIIC</a> |
| Sphingomonas stygia           | 1                                       |                      |
| Sphingomonas subarctica       | 1                                       |                      |
| Sphingomonas subterranea      | 1                                       |                      |
| Sphingomonas terrae           | 1                                       |                      |
| Sphingomonas trueperi         | 1                                       |                      |
| Sphingomonas yanoikuyae       | 1                                       | <a href="#">PIIC</a> |

| Name   | Group | Remarks             |
|--|-------|---------------------|
| <b>Spirilliplanes</b>                              |       |                     |
| <i>Spirilliplanes yamanashiensis</i>               | 1     |                     |
| <b>Spirillospora</b>                               |       |                     |
| <i>Spirillospora albida</i>                        | 1     |                     |
| <i>Spirillospora rubra</i>                         | 1     |                     |
| <b>Spirillum</b>                                   |       |                     |
| <i>Spirillum volutans</i>                          | 1     |                     |
| <b>Spirochaeta</b>                                 |       |                     |
| <i>Spirochaeta africana</i>                        | 1     |                     |
| <i>Spirochaeta alkalica</i>                        | 1     |                     |
| <i>Spirochaeta asiatica</i>                        | 1     |                     |
| <i>Spirochaeta aurantia</i> subsp. <i>aurantia</i> | 1     |                     |
| <i>Spirochaeta aurantia</i> subsp. <i>stricta</i>  | 1     |                     |
| <i>Spirochaeta caldaria</i>                        | 1     |                     |
| <i>Spirochaeta halophila</i>                       | 1     |                     |
| <i>Spirochaeta isovalerica</i>                     | 1     |                     |
| <i>Spirochaeta litoralis</i>                       | 1     |                     |
| <i>Spirochaeta plicatilis</i>                      | 1     |                     |
| <i>Spirochaeta stenostrepta</i>                    | 1     |                     |
| <i>Spirochaeta thermophila</i>                     | 1     |                     |
| <i>Spirochaeta zuelzeriae</i>                      | 1     |                     |
| <b>Spiroplasma</b>                                 |       |                     |
| <i>Spiroplasma alleghenense</i>                    | 1     | <a href="#">PI?</a> |
| <i>Spiroplasma apis</i>                            | 1     | <a href="#">PI</a>  |
| <i>Spiroplasma cantharicola</i>                    | 1     | <a href="#">PI?</a> |
| <i>Spiroplasma chinense</i>                        | 1     |                     |
| <i>Spiroplasma chrysopicola</i>                    | 2     | <a href="#">PI?</a> |
| <i>Spiroplasma citri</i>                           | 2     | <a href="#">PP</a>  |
| <i>Spiroplasma clarkii</i>                         | 1     | <a href="#">PI?</a> |
| <i>Spiroplasma corruscae</i>                       | 1     | <a href="#">PI?</a> |
| <i>Spiroplasma culicicola</i>                      | 1     |                     |
| <i>Spiroplasma diabroticae</i>                     | 1     | <a href="#">PI?</a> |
| <i>Spiroplasma diminutum</i>                       | 1     | <a href="#">PI?</a> |
| <i>Spiroplasma floricola</i>                       | 1     |                     |
| <i>Spiroplasma gladiatoris</i>                     | 1     | <a href="#">PI?</a> |
| <i>Spiroplasma helicoides</i>                      | 1     | <a href="#">PI?</a> |
| <i>Spiroplasma insolitum</i>                       | 1     | <a href="#">PI?</a> |
| <i>Spiroplasma ixodetis</i>                        | 1     | <a href="#">PI?</a> |
| <i>Spiroplasma kunkelii</i>                        | 1     | <a href="#">PP</a>  |
| <i>Spiroplasma lampyridicola</i>                   | 1     | <a href="#">PI?</a> |
| <i>Spiroplasma leptinotarsae</i>                   | 1     |                     |

| Name  | Group                              | Remarks             |
|---|------------------------------------|---------------------|
| <i>Spiroplasma lineolae</i>                                 | 1                                  | <a href="#">PI?</a> |
| <i>Spiroplasma litorale</i>                                 | 1                                  |                     |
| <i>Spiroplasma melliferum</i>                               | 1                                  | <a href="#">PI</a>  |
| <i>Spiroplasma mirum</i>                                    | 2                                  | <a href="#">PV</a>  |
| <i>Spiroplasma monobiae</i>                                 | 1                                  | <a href="#">PI?</a> |
| <i>Spiroplasma montanense</i>                               | 1                                  | <a href="#">PI?</a> |
| <i>Spiroplasma phoeniceum</i>                               | 1                                  | <a href="#">PP?</a> |
| <i>Spiroplasma platyhelix</i>                               | 1                                  | <a href="#">PI?</a> |
| <i>Spiroplasma sabaudiense</i>                              | 1                                  | <a href="#">PI?</a> |
| <i>Spiroplasma syrphidicola</i>                             | 1                                  | <a href="#">PI?</a> |
| <i>Spiroplasma tabanidicola</i>                             | 1                                  | <a href="#">PI?</a> |
| <i>Spiroplasma taiwanense</i>                               | 1                                  |                     |
| <i>Spiroplasma velocicrescens</i>                           | 1                                  | <a href="#">PI?</a> |
| <b>Spirosoma</b>  |                                    |                     |
| <i>Spirosoma linguale</i>                                   | 1                                  |                     |
| <b>Sporichthya</b>  |                                    |                     |
| <i>Sporichthya brevicatena</i>                              | 2                                  | <a href="#">TMP</a> |
| <i>Sporichthya polymorpha</i>                               | 1                                  |                     |
| <b>Sporobacter</b>  |                                    |                     |
| <i>Sporobacter termitidis</i>                               | 1                                  |                     |
| <b>Sporobacterium</b>                                       |                                    |                     |
| <i>Sporobacterium olearium</i>                              | 1                                  |                     |
| <b>Sporocytophaga</b>                                       |                                    |                     |
| <i>Sporocytophaga myxococcoides</i>                         | 1                                  |                     |
| <b>Sporohalobacter</b>                                      |                                    |                     |
| <i>Sporohalobacter lortetii</i>                             | 1                                  |                     |
| old name  | <i>Clostridium lortetii</i>        |                     |
| <i>Sporohalobacter marismortui</i>                          |                                    |                     |
| refer to  | <a href="#">Orenia marismortui</a> |                     |
| <b>Sporolactobacillus</b>                                   |                                    |                     |
| <i>Sporolactobacillus inulinus</i>                          | 1                                  |                     |
| <i>Sporolactobacillus kofuensis</i>                         | 1                                  |                     |
| <i>Sporolactobacillus lactosus</i>                          | 1                                  |                     |
| <i>Sporolactobacillus nakayamae</i> subsp. <i>nakayamae</i> | 1                                  |                     |
| <i>Sporolactobacillus nakayamae</i> subsp. <i>racemicus</i> | 1                                  |                     |
| <i>Sporolactobacillus terrae</i>                            | 1                                  |                     |
| <b>Sporomusa</b>  |                                    |                     |
| <i>Sporomusa acidovorans</i>                                | 1                                  |                     |
| <i>Sporomusa malonica</i>                                   | 1                                  |                     |
| <i>Sporomusa ovata</i>                                      | 1                                  |                     |

| Name                  | Group | Remarks |
|-----------------------|-------|---------|
| Sporomusa paucivorans | 1     |         |
| Sporomusa silvacetica | 1     |         |
| Sporomusa sphaeroides | 1     |         |
| Sporomusa termitida   | 1     |         |

### Sporosarcina

|                        |   |   |
|------------------------|---|---|
| Sporosarcina halophila |   |   |
| refer to               |   | <a href="#">Halobacillus halophilus</a> |
| Sporosarcina ureae     | 1 |   |

### Staphylococcus

|   |   |  |
|---|---|--|
| Staphylococcus arlettae                   | 1 |  |
| Staphylococcus aureus                     | 2 |  |
| Staphylococcus aureus subsp. anaerobius   | 2 |  |
| Staphylococcus aureus subsp. aureus       | 2 |  |
| Staphylococcus auricularis                | 1 |  |
| Staphylococcus capitis subsp. capitis     | 1 | PIIC   |
| Staphylococcus capitis subsp. ureolyticus | 1 | PIIC   |
| Staphylococcus caprae                     | 2 |  |
| Staphylococcus carnosus                   | 1 |  |
| Staphylococcus caseolyticus               | 1 |  |
| Staphylococcus chromogenes                | 1 |  |
| old name                                  |   | Staphylococcus hyicus subsp. chromogenes                 |
| Staphylococcus chromogenes                |   |  |
| refer to                                  |   | <a href="#">Staphylococcus hyicus subsp. chromogenes</a> |
| Staphylococcus cohnii subsp. cohnii       | 1 | PIIC   |
| Staphylococcus cohnii subsp. urealyticus  | 1 | PIIC   |
| Staphylococcus delphini                   | 1 |  |
| Staphylococcus epidermidis                | 2 |  |
| Staphylococcus equorum                    | 1 |  |
| Staphylococcus felis                      | 2 | PV   |
| Staphylococcus gallinarum                 | 1 |  |
| Staphylococcus haemolyticus               | 2 |  |
| Staphylococcus hominis                    | 1 | PIIC   |
| Staphylococcus hyicus                     | 2 | PV   |
| Staphylococcus hyicus subsp. chromogenes  |   |  |
| refer to                                  |   | <a href="#">Staphylococcus chromogenes</a>               |
| Staphylococcus hyicus subsp. chromogenes  | 1 |  |
| modern name                               |   | Staphylococcus chromogenes                               |
| Staphylococcus intermedius                | 2 | PV   |
| Staphylococcus kloosii                    | 1 |  |
| Staphylococcus lentus                     | 1 |  |
| old name                                  |   | Staphylococcus sciuri subsp. lentus                      |
| Staphylococcus lugdunensis                | 2 |  |
| Staphylococcus lutrae                     | 2 | PV   |

| Name  | Group | Remarks              |
|---|-------|----------------------|
| Staphylococcus muscae                                     | 1     |                      |
| Staphylococcus pasteurii                                  | 2     |                      |
| Staphylococcus piscifermentans                            | 1     |                      |
| Staphylococcus pulvereri                                  | 1     | <a href="#">PIIC</a> |
| Staphylococcus saccharolyticus                            | 2     |                      |
| old name                      Peptococcus saccharolyticus |       |                      |
| Staphylococcus saprophyticus                              | 2     |                      |
| Staphylococcus saprophyticus subsp. bovis                 | 2     | <a href="#">PV?</a>  |
| Staphylococcus saprophyticus subsp. saprophyticus         | 2     |                      |
| Staphylococcus schleiferi subsp. coagulans                | 2     | <a href="#">PV</a>   |
| Staphylococcus schleiferi subsp. schleiferi               | 2     |                      |
| Staphylococcus sciuri subsp. lentus                       |       |                      |
| refer to <a href="#">Staphylococcus lentus</a>            |       |                      |
| Staphylococcus sciuri subsp. carnaticus                   | 1     |                      |
| Staphylococcus sciuri subsp. rodentium                    | 1     |                      |
| Staphylococcus sciuri subsp. sciuri                       | 1     |                      |
| Staphylococcus simulans                                   | 1     | <a href="#">PIIC</a> |
| Staphylococcus vitulinus                                  | 1     |                      |
| Staphylococcus warneri                                    | 1     | <a href="#">PIIC</a> |
| Staphylococcus xylosus                                    | 1     | <a href="#">PIIC</a> |
| <b>Staphylothermus</b>                                    |       |                      |
| Staphylothermus marinus                                   | 1     |                      |
| <b>Stella</b>   |       |                      |
| Stella humosa   | 1     |                      |
| Stella vacuolata  | 1     |                      |
| <b>Stenotrophomonas</b>                                   |       |                      |
| Stenotrophomonas africana                                 | 2     |                      |
| Stenotrophomonas maltophilia                              |       |                      |
| refer to <a href="#">Pseudomonas maltophilia</a>          |       |                      |
| Stenotrophomonas maltophilia                              | 2     |                      |
| old name                      Pseudomonas maltophilia     |       |                      |
| old name                      Xanthomonas maltophilia     |       |                      |
| <b>Stibiobacter</b>                                       |       |                      |
| Stibiobacter senarmontii                                  | 1     |                      |
| <b>Stigmatella</b>  |       |                      |
| Stigmatella aurantiaca                                    | 1     |                      |
| Stigmatella erecta  | 1     |                      |
| <b>Stomatococcus</b>                                      |       |                      |
| Stomatococcus mucilaginosus                               | 1     | <a href="#">PIIC</a> |
| <b>Streptoalloteichus</b>                                 |       |                      |
| Streptoalloteichus hindustanus                            | 1     |                      |

| Name  | Group | Remarks              |
|---|-------|----------------------|
| <b>Streptobacillus</b>  |       |                      |
| Streptobacillus moniliformis  | 2     |                      |
| <b>Streptococcus</b>  |       |                      |
| Streptococcus acidominimus  | 2     |                      |
| Streptococcus adjacens<br>refer to <a href="#">Abiotrophia adiacens</a>               |       |                      |
| Streptococcus agalactiae  | 2     |                      |
| Streptococcus alactolyticus   | 1     |                      |
| Streptococcus anginosus   | 2     |                      |
| Streptococcus balaenus<br>refer to <a href="#">Abiotrophia balaena</a>                |       |                      |
| Streptococcus bovis   | 2     |                      |
| Streptococcus canis   | 2     |                      |
| Streptococcus caprinus<br>refer to <a href="#">Streptococcus gallolyticus</a>         |       |                      |
| Streptococcus casseliflavus<br>refer to <a href="#">Enterococcus casseliflavus</a>    |       |                      |
| Streptococcus cecorum<br>refer to <a href="#">Enterococcus cecorum</a>                |       |                      |
| Streptococcus constellatus  | 2     |                      |
| Streptococcus cremoris<br>refer to <a href="#">Lactococcus lactis subsp. cremoris</a> |       |                      |
| Streptococcus criceti   | 1     |                      |
| Streptococcus cristatus   | 1     | <a href="#">PIIC</a> |
| Streptococcus defectivus<br>refer to <a href="#">Abiotrophia defectiva</a>            |       |                      |
| Streptococcus difficilis  | 2     | <a href="#">PV</a>   |
| Streptococcus downei  | 1     |                      |
| Streptococcus durans<br>refer to <a href="#">Enterococcus durans</a>                  |       |                      |
| Streptococcus dysgalactiae  | 2     | <a href="#">PV</a>   |
| Streptococcus dysgalactiae subsp. dysgalactiae  | 2     | <a href="#">PV</a>   |
| Streptococcus dysgalactiae subsp. equisimilis   | 2     |                      |
| Streptococcus elegans<br>refer to <a href="#">Abiotrophia elegans</a>                 |       |                      |
| Streptococcus equi  | 2     |                      |
| Streptococcus equi subsp. equi  | 2     |                      |
| Streptococcus equi subsp. zooepidemicus   | 2     |                      |
| Streptococcus equinus   | 2     |                      |
| Streptococcus faecalis<br>refer to <a href="#">Enterococcus faecalis</a>              |       |                      |
| Streptococcus faecium<br>refer to <a href="#">Enterococcus faecium</a>                |       |                      |
| Streptococcus faecium   | 2     | <a href="#">TA</a>   |

| Name                                      | Group  | Remarks              |
|---|--|----------------------|
| modern name                               | Enterococcus faecium                               |                      |
| Streptococcus ferus                       | 1  |                      |
| Streptococcus gallinarum                  |  |                      |
| refer to                                  | <a href="#">Enterococcus gallinarum</a>            |                      |
| Streptococcus gallolyticus                | 2  |                      |
| lower priority synonym                    | Streptococcus caprinus                             |                      |
| Streptococcus garvieae                    |  |                      |
| refer to                                  | <a href="#">Lactococcus garvieae</a>               |                      |
| Streptococcus gordonii                    | 1  | <a href="#">PIIC</a> |
| Streptococcus hansenii                    |  |                      |
| refer to                                  | <a href="#">Ruminococcus hansenii</a>              |                      |
| Streptococcus hyointestinalis             | 1  |                      |
| Streptococcus hyovaginalis                | 1  | <a href="#">PV?</a>  |
| Streptococcus iniae                       | 2  |                      |
| old name                                  | Streptococcus shiloi                               |                      |
| Streptococcus intermedius                 | 2  |                      |
| Streptococcus intestinalis                | 1  |                      |
| Streptococcus lactis                      |  |                      |
| refer to                                  | <a href="#">Lactococcus lactis subsp. lactis</a>   |                      |
| Streptococcus lactis subsp. cremoris      |  |                      |
| refer to                                  | <a href="#">Lactococcus lactis subsp. cremoris</a> |                      |
| Streptococcus lactis subsp. diacetylactis |  |                      |
| refer to                                  | <a href="#">Lactococcus lactis subsp. lactis</a>   |                      |
| Streptococcus macacae                     | 1  |                      |
| Streptococcus mitis                       | 2  |                      |
| Streptococcus morbillorum                 |  |                      |
| refer to                                  | <a href="#">Gemella morbillorum</a>                |                      |
| Streptococcus mutans                      | 2  |                      |
| Streptococcus oralis                      | 2  |                      |
| Streptococcus parasanguinis               | 2  |                      |
| Streptococcus parauberis                  | 1  | <a href="#">PIIC</a> |
| Streptococcus parvulus                    |  |                      |
| refer to                                  | <a href="#">Atopobium parvulum</a>                 |                      |
| Streptococcus phocae                      | 2  | <a href="#">PV</a>   |
| Streptococcus plantarum                   |  |                      |
| refer to                                  | <a href="#">Lactococcus plantarum</a>              |                      |
| Streptococcus pleomorphus                 | 1  |                      |
| Streptococcus pneumoniae                  | 2  |                      |
| Streptococcus pneumoniae R6               | 1  |                      |
| Streptococcus porcinus                    | 2  |                      |
| Streptococcus pyogenes                    | 2  |                      |
| Streptococcus raffinolactis               |  |                      |
| refer to                                  | <a href="#">Lactococcus raffinolactis</a>          |                      |
| Streptococcus ratti                       | 1  |                      |



| Name   | Group | Remarks                                      |
|--|-------|--|
| Streptococcus saccharolyticus                |       |  |
| refer to                                     |       | <a href="#">Enterococcus saccharolyticus</a> |
| Streptococcus salivarius                     | 2     |  |
| old name                                     |       | Streptococcus salivarius subsp. salivarius   |
| Streptococcus salivarius subsp. salivarius   |       |  |
| refer to                                     |       | <a href="#">Streptococcus salivarius</a>     |
| Streptococcus salivarius subsp. thermophilus |       |  |
| refer to                                     |       | <a href="#">Streptococcus thermophilus</a>   |
| Streptococcus sanguinis                      | 2     |  |
| Streptococcus shiloi                         |       |  |
| refer to                                     |       | <a href="#">Streptococcus iniae</a>          |
| Streptococcus sobrinus                       | 2     |  |
| Streptococcus suis                           | 2     |  |
| Streptococcus thermophilus                   | 1     |  |
| old name                                     |       | Streptococcus salivarius subsp. thermophilus |
| Streptococcus thoraltensis                   | 1     | <a href="#">PV?</a>                          |
| Streptococcus uberis                         | 1     | <a href="#">PIIC</a>                         |
| Streptococcus vestibularis                   | 1     |  |

### Streptomyces

|   |   |  |
|---|---|--|
| Chainia fumigata                              |   |  |
| refer to                                      |   | <a href="#">Streptomyces fumigatiscleroticus</a> |
| Streptomyces abikoensis                       | 1 |  |
| old name                                      |   | Streptoverticillium abikoense                    |
| Streptomyces aburaviensis                     | 1 |  |
| Streptomyces achromogenes subsp. achromogenes | 1 |  |
| Streptomyces achromogenes subsp. rubradiris   | 1 |  |
| Streptomyces acidiscabies                     | 1 | <a href="#">PP</a>                               |
| 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                     | 1 |  |
| old name                                      |   | Streptoverticillium albireticuli                 |
| Streptomyces albofaciens                      | 1 |  |
| Streptomyces alboflavus                       | 1 |  |
| Streptomyces albogriseolus                    | 1 |  |
| Streptomyces albolongus                       | 1 |  |
| Streptomyces alboniger                        | 1 |  |
| Streptomyces albospinus                       | 1 |  |
| Streptomyces albosporeus subsp. albosporeus   | 1 |  |

| Name   | Group | Remarks |
|--|-------|---------|
| <i>Streptomyces albosporus</i> subsp. <i>labilomyceticus</i> | 1     |         |
| <i>Streptomyces alboverticillatus</i>                        | 1     |         |
| old name <i>Streptoverticillium alboverticillatum</i>        |       |         |
| <i>Streptomyces albovinaceus</i>                             | 1     |         |
| <i>Streptomyces alboviridis</i>                              | 1     |         |
| <i>Streptomyces albulus</i>                                  | 1     |         |
| <i>Streptomyces albus</i> subsp. <i>albus</i>                | 1     |         |
| <i>Streptomyces albus</i> subsp. <i>pathocidicus</i>         | 1     |         |
| <i>Streptomyces almquistii</i>                               | 1     |         |
| <i>Streptomyces althioticus</i>                              | 1     |         |
| <i>Streptomyces amakusaensis</i>                             | 1     |         |
| <i>Streptomyces ambofaciens</i>                              | 1     |         |
| <i>Streptomyces aminophilus</i>                              | 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>                                   | 1     |         |
| old name <i>Streptoverticillium arduum</i>                   |       |         |
| <i>Streptomyces arenae</i>                                   | 1     |         |
| <i>Streptomyces armeniacus</i>                               | 1     |         |
| old name <i>Actinoplanes armeniacus</i>                      |       |         |
| <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>                            | 1     |         |
| old name <i>Streptoverticillium aureoversile</i>             |       |         |
| <i>Streptomyces aureoverticillatus</i>                       | 1     |         |
| <i>Streptomyces avellaneus</i>                               | 1     |         |
| <i>Streptomyces avidinii</i>                                 | 1     |         |
| <i>Streptomyces azureus</i>                                  | 1     |         |
| <i>Streptomyces baarnensis</i>                               | 1     |         |
| <i>Streptomyces bacillaris</i>                               | 1     |         |
| <i>Streptomyces badius</i>                                   | 1     |         |
| <i>Streptomyces baldaccii</i>                                | 1     |         |

| Name  | Group  | Remarks |
|---|--|---------|
| lower priority synonym                          | Streptomyces biverticillatus                   |         |
| lower priority synonym                          | Streptomyces fervens                           |         |
| lower priority synonym                          | Streptomyces roseoverticillatus                |         |
| lower priority synonym                          | Streptomyces spitsbergensis                    |         |
| old name  | Streptoverticillium fervens subsp. fervens     |         |
| old name  | Streptoverticillium fervens subsp. melrosporus |         |
| old name  | Streptoverticillium baldaccii                  |         |
| old name  | Streptoverticillium biverticillatum            |         |
| old name  | Streptoverticillium roseoverticillatum         |         |
| Streptomyces bambergiensis                      |  | 1       |
| Streptomyces bellus                             |  | 1       |
| Streptomyces bikiniensis                        |  | 1       |
| Streptomyces biverticillatus                    |  |         |
| refer to  | <a href="#">Streptomyces baldaccii</a>         |         |
| Streptomyces blastmyceticus                     |  | 1       |
| old name  | Streptoverticillium blastmyceticum             |         |
| Streptomyces bluensis                           |  | 1       |
| Streptomyces bobili                             |  | 1       |
| Streptomyces bottropensis                       |  | 1       |
| Streptomyces brasiliensis                       |  | 1       |
| old name  | Elytrosporangium brasiliense                   |         |
| Streptomyces bungoensis                         |  | 1       |
| Streptomyces cacaoi subsp. asoensis             |  | 1       |
| Streptomyces cacaoi subsp. cacaoi               |  | 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                        |  | 1       |
| old name  | Elytrosporangium carpinense                    |         |
| Streptomyces catenulae                          |  | 1       |
| Streptomyces caviscabies                        |  | 1       |
| Streptomyces cavourensis subsp. cavourensis     |  | 1       |
| Streptomyces cavourensis subsp. washingtonensis |  | 1       |

| Name  | Group | Remarks |
|---|-------|---------|
| <i>Streptomyces cellostaticus</i>   | 1     |         |
| <i>Streptomyces celluloflavus</i>   | 1     |         |
| <i>Streptomyces cellulolyticus</i>  | 1     |         |
| <i>Streptomyces cellulosa</i>   | 1     |         |
| <i>Streptomyces champavatii</i>   | 1     |         |
| <i>Streptomyces chartreusis</i>   | 1     |         |
| <i>Streptomyces chattanoogensis</i>                                       | 1     |         |
| <i>Streptomyces chibaensis</i>  | 1     |         |
| <i>Streptomyces chrestomyceticus</i>                                      | 1     |         |
| <i>Streptomyces chromofuscus</i>  | 1     |         |
| <i>Streptomyces chryseus</i>  | 1     |         |
| <i>Streptomyces chrysomallus</i> subsp. <i>chrysomallus</i>               | 1     |         |
| <i>Streptomyces chrysomallus</i> subsp. <i>fumigatus</i>                  | 1     |         |
| <i>Streptomyces cinereorectus</i>   | 1     |         |
| <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>  | 1     |         |
| old name <i>Microellobosporia cinerea</i>                                 |       |         |
| <i>Streptomyces cinerochromogenes</i>                                     | 1     |         |
| <i>Streptomyces cinnabarinus</i>  | 1     |         |
| <i>Streptomyces cinnamoneus</i>   | 1     |         |
| <i>Streptomyces cinnamoneus</i> subsp. <i>albosporus</i>                  | 1     |         |
| old name <i>Streptoverticillium cinnamoneum</i> subsp. <i>albosporum</i>  |       |         |
| <i>Streptomyces cinnamoneus</i> subsp. <i>cinnamoneus</i>                 | 1     |         |
| old name <i>Streptoverticillium cinnamoneum</i> subsp. <i>cinnamoneum</i> |       |         |
| <i>Streptomyces cinnamoneus</i> subsp. <i>lanosus</i>                     | 1     |         |
| old name <i>Streptoverticillium cinnamoneum</i> subsp. <i>lanosum</i>     |       |         |
| <i>Streptomyces cinnamoneus</i> subsp. <i>sparsus</i>                     | 1     |         |
| old name <i>Streptoverticillium cinnamoneum</i> subsp. <i>sparsum</i>     |       |         |
| <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 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     |         |

| Name   | Group | Remarks |
|--|-------|---------|
| <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><br>equal synonym <i>Kitasatospora cystarginea</i> | 1     |         |
| <i>Streptomyces daghestanicus</i>  | 1     |         |
| <i>Streptomyces diastaticus</i> subsp. <i>ardesiacus</i>                           | 1     |         |
| <i>Streptomyces diastaticus</i> subsp. <i>diastaticus</i>                          | 1     |         |
| <i>Streptomyces diastatochromogenes</i>  | 1     |         |
| <i>Streptomyces distallicus</i><br>refer to <a href="#">Streptomyces netropsis</a> |       |         |
| <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><br>old name <i>Streptoverticillium ehimense</i>      | 1     |         |
| <i>Streptomyces endus</i>  | 1     |         |
| <i>Streptomyces enissocaesilis</i>   | 1     |         |
| <i>Streptomyces erumpens</i>   | 1     |         |
| <i>Streptomyces erythrogriseus</i>   | 1     |         |
| <i>Streptomyces eurocidicus</i><br>old name <i>Streptoverticillium eurocidicum</i> | 1     |         |
| <i>Streptomyces eurythermus</i>  | 1     |         |
| <i>Streptomyces exfoliatus</i>   | 1     |         |
| <i>Streptomyces felleus</i>  | 1     |         |
| <i>Streptomyces fervens</i><br>refer to <a href="#">Streptomyces baldaccii</a>     |       |         |
| <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><br>old name <i>Microellobosporia flavea</i>            | 1     |         |

| Name  | Group | Remarks |
|---|-------|---------|
| <i>Streptomyces flavidofuscus</i>                                     | 1     |         |
| <i>Streptomyces flavidovirens</i>                                     | 1     |         |
| <i>Streptomyces flaviscleroticus</i>                                  | 1     |         |
| lower priority synonym<br><i>Chainia flava</i>                        |       |         |
| <i>Streptomyces flavofungini</i>                                      | 1     |         |
| <i>Streptomyces flavofuscus</i>                                       | 1     |         |
| old name<br><i>Streptomyces globisporus</i> subsp. <i>flavofuscus</i> |       |         |
| <i>Streptomyces flavogriseus</i>                                      | 1     |         |
| <i>Streptomyces flavopersicus</i>                                     |       |         |
| refer to <a href="#">Streptomyces netropsis</a>                       |       |         |
| <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>                               | 1     |         |
| lower priority synonym<br><i>Chainia fumigata</i>                     |       |         |
| <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     |         |
| <i>Streptomyces gibsonii</i>  | 1     |         |
| <i>Streptomyces glaucescens</i>                                       | 1     |         |
| <i>Streptomyces glaucosporus</i>                                      | 1     |         |
| <i>Streptomyces glaucus</i>   | 1     |         |
| <i>Streptomyces globisporus</i> subsp. <i>flavofuscus</i>             |       |         |
| refer to <a href="#">Streptomyces flavofuscus</a>                     |       |         |
| <i>Streptomyces globisporus</i> subsp. <i>caucasicus</i>              | 1     |         |
| <i>Streptomyces globisporus</i> subsp. <i>globisporus</i>             | 1     |         |
| <i>Streptomyces globosus</i>  | 1     |         |
| <i>Streptomyces glomeratus</i>  | 1     |         |
| <i>Streptomyces glomeroaurantiacus</i>                                | 1     |         |

| Name   | Group | Remarks |
|--|-------|---------|
| <i>Streptomyces gobitricini</i>  | 1     |         |
| <i>Streptomyces goshikiensis</i>   | 1     |         |
| <i>Streptomyces gougerotii</i>   | 1     |         |
| <i>Streptomyces gramineus</i>  | 1     |         |
| <i>Streptomyces graminofaciens</i>   | 1     |         |
| <i>Streptomyces griseinus</i>  | 1     |         |
| <i>Streptomyces griseoaurantiacus</i>  | 1     |         |
| <i>Streptomyces griseobrunneus</i>   | 1     |         |
| <i>Streptomyces griseocarneus</i><br>old name <i>Streptoverticillium griseocarneum</i>             | 1     |         |
| <i>Streptomyces griseochromogenes</i>  | 1     |         |
| <i>Streptomyces griseoflavus</i>   | 1     |         |
| <i>Streptomyces griseofuscus</i>   | 1     |         |
| <i>Streptomyces griseoincarnatus</i>   | 1     |         |
| <i>Streptomyces griseoloalbus</i>  | 1     |         |
| <i>Streptomyces griseolosporus</i><br>equal synonym <i>Kitasatospora griseola</i>                  | 1     |         |
| <i>Streptomyces griseolus</i>  | 1     |         |
| <i>Streptomyces griseoluteus</i>   | 1     |         |
| <i>Streptomyces griseomycini</i>   | 1     |         |
| <i>Streptomyces griseoplanus</i>   | 1     |         |
| <i>Streptomyces griseorubens</i>   | 1     |         |
| <i>Streptomyces griseoruber</i>  | 1     |         |
| <i>Streptomyces griseorubiginosus</i>  | 1     |         |
| <i>Streptomyces griseosporus</i>   | 1     |         |
| <i>Streptomyces griseostramineus</i>   | 1     |         |
| <i>Streptomyces griseoverticillatus</i><br>old name <i>Streptoverticillium griseoverticillatum</i> | 1     |         |
| <i>Streptomyces griseoviridis</i>  | 1     |         |
| <i>Streptomyces griseus</i> subsp. <i>alpha</i>  | 1     |         |
| <i>Streptomyces griseus</i> subsp. <i>cretosus</i>   | 1     |         |
| <i>Streptomyces griseus</i> subsp. <i>griseus</i>  | 1     |         |
| <i>Streptomyces griseus</i> subsp. <i>solvifaciens</i>   | 1     |         |
| <i>Streptomyces hachijoensis</i><br>old name <i>Streptoverticillium hachijoense</i>                | 1     |         |
| <i>Streptomyces halstedii</i>  | 1     |         |
| <i>Streptomyces hawaiiensis</i>  | 1     |         |
| <i>Streptomyces heliomycini</i>  | 1     |         |
| <i>Streptomyces helveticus</i>   | 1     |         |
| <i>Streptomyces herbaricolor</i>   | 1     |         |
| <i>Streptomyces hiroschimensis</i><br>old name <i>Streptoverticillium hiroschimense</i>            | 1     |         |
| <i>Streptomyces hirsutus</i>   | 1     |         |
| <i>Streptomyces humidus</i>  | 1     |         |

| Name  | Group | Remarks                                  |
|---|-------|--|
| Streptomyces humiferus                            | 1     |  |
| Streptomyces hydrogenans                          | 1     |  |
| Streptomyces hygroscopicus subsp. angustmyceticus | 1     |  |
| Streptomyces hygroscopicus subsp. decoyicus       | 1     |  |
| Streptomyces hygroscopicus subsp. glebosus        | 1     |  |
| Streptomyces hygroscopicus subsp. hygroscopicus   | 1     |  |
| Streptomyces hygroscopicus subsp. ossamyceticus   | 1     |  |
| Streptomyces iakyrus                              | 1     |  |
| Streptomyces indiaensis                           | 1     |  |
| lower priority syn-<br>onym                       |       | Streptosporangium roseum                 |
| lower priority syn-<br>onym                       |       | Streptosporangium violaceochromogenes    |
| old name  |       | Streptosporangium indianense             |
| Streptomyces indigoferus                          | 1     |  |
| Streptomyces intermedius                          | 1     |  |
| Streptomyces inusitatus                           | 1     |  |
| Streptomyces ipomoeae                             | 1     |  |
| Streptomyces janthinus                            | 1     |  |
| Streptomyces kanamyceticus                        | 1     |  |
| Streptomyces kashimirensis                        | 1     |  |
| old name  |       | Streptoverticillium kashimirensis        |
| Streptomyces katrae                               | 1     |  |
| Streptomyces kentuckensis                         |       |  |
| refer to  |       | <a href="#">Streptomyces netropsis</a>   |
| Streptomyces kifunensis                           | 1     |  |
| Streptomyces kishiwadensis                        | 1     |  |
| old name  |       | Streptoverticillium kishiwadense         |
| Streptomyces kunmingensis                         | 1     |  |
| lower priority syn-<br>onym                       |       | Chainia kunmingensis                     |
| Streptomyces kurssanovii                          | 1     |  |
| Streptomyces labedae                              | 1     |  |
| Streptomyces ladakanum                            |       |  |
| refer to  |       | <a href="#">Streptomyces mobaraensis</a> |
| Streptomyces lanatus                              | 1     |  |
| Streptomyces lateritius                           | 1     |  |
| Streptomyces laurentii                            | 1     |  |
| Streptomyces lavendofoliae                        | 1     |  |
| Streptomyces lavendulae subsp. grasserius         | 1     |  |
| Streptomyces lavendulae subsp. lavendulae         | 1     |  |
| Streptomyces lavenduligriseus                     | 1     |  |
| old name  |       | Streptoverticillium lavenduligriseum     |
| Streptomyces lavendulocolor                       | 1     |  |
| Streptomyces levis                                | 1     |  |



| Name  | Group | Remarks |
|---|-------|---------|
| <i>Streptomyces libani</i> subsp. <i>libani</i>             | 1     |         |
| <i>Streptomyces libani</i> subsp. <i>rufus</i>              | 1     |         |
| <i>Streptomyces lienomycini</i>                             | 1     |         |
| <i>Streptomyces lilacinus</i>                               | 1     |         |
| old name <i>Streptoverticillium lilacinum</i>               |       |         |
| <i>Streptomyces limosus</i>                                 | 1     |         |
| <i>Streptomyces lincolnensis</i>                            | 1     |         |
| <i>Streptomyces lipmanii</i>                                | 1     |         |
| <i>Streptomyces litmocidini</i>                             | 1     |         |
| <i>Streptomyces lomondensis</i>                             | 1     |         |
| <i>Streptomyces longisporoflavus</i>                        | 1     |         |
| <i>Streptomyces longispororuber</i>                         | 1     |         |
| <i>Streptomyces longisporus</i>                             | 1     |         |
| <i>Streptomyces longwoodensis</i>                           | 1     |         |
| <i>Streptomyces lucensis</i>                                | 1     |         |
| <i>Streptomyces luridus</i>                                 | 1     |         |
| <i>Streptomyces lusitanus</i>                               | 1     |         |
| <i>Streptomyces luteogriseus</i>                            | 1     |         |
| <i>Streptomyces luteosporus</i>                             | 1     |         |
| old name <i>Streptoverticillium album</i>                   |       |         |
| <i>Streptomyces luteoverticillatus</i>                      | 1     |         |
| old name <i>Streptoverticillium luteoverticillatum</i>      |       |         |
| <i>Streptomyces lydicus</i>                                 | 1     |         |
| <i>Streptomyces macrosporus</i>                             | 1     |         |
| <i>Streptomyces malachitofuscus</i>                         | 1     |         |
| <i>Streptomyces malachitospinus</i>                         | 1     |         |
| <i>Streptomyces mashuensis</i>                              | 1     |         |
| old name <i>Streptoverticillium mashuense</i>               |       |         |
| <i>Streptomyces massaporeus</i>                             | 1     |         |
| <i>Streptomyces matensis</i>                                | 1     |         |
| <i>Streptomyces mauvecolor</i>                              | 1     |         |
| <i>Streptomyces mediocidicus</i>                            | 1     |         |
| equal synonym <i>Kitasatospora mediocidica</i>              |       |         |
| <i>Streptomyces mediolani</i>                               | 1     |         |
| <i>Streptomyces megasporus</i>                              | 1     |         |
| <i>Streptomyces melanogenes</i>                             | 1     |         |
| <i>Streptomyces melanosporofaciens</i>                      | 1     |         |
| <i>Streptomyces michiganensis</i>                           | 1     |         |
| <i>Streptomyces microflavus</i>                             | 1     |         |
| <i>Streptomyces minutiscleroticus</i>                       | 1     |         |
| lower priority syn-<br>onym <i>Chainia minutisclerotica</i> |       |         |
| <i>Streptomyces mirabilis</i>                               | 1     |         |
| <i>Streptomyces misakiensis</i>                             | 1     |         |

| Name                             | Group                             | Remarks |
|----------------------------------|-----------------------------------|---------|
| Streptomyces misionensis         | 1                                 |         |
| Streptomyces mobaraensis         | 1                                 |         |
| lower priority synonym           | Streptomyces ladakanum            |         |
| old name                         | Streptoverticillium mobaraense    |         |
| old name                         | Streptoverticillium ladakanum     |         |
| Streptomyces monomycini          | 1                                 |         |
| Streptomyces morookaensis        | 1                                 |         |
| old name                         | Streptoverticillium morookaense   |         |
| Streptomyces murinus             | 1                                 |         |
| Streptomyces mutabilis           | 1                                 |         |
| Streptomyces mutomycini          | 1                                 |         |
| Streptomyces naganishii          | 1                                 |         |
| Streptomyces narbonensis         | 1                                 |         |
| Streptomyces nashvillensis       | 1                                 |         |
| Streptomyces netropsis           | 1                                 |         |
| lower priority synonym           | Streptomyces distallicus          |         |
| lower priority synonym           | Streptomyces flavopersicus        |         |
| lower priority synonym           | Streptomyces kentuckensis         |         |
| old name                         | Streptoverticillium netropsis     |         |
| old name                         | Streptoverticillium distallicum   |         |
| old name                         | Streptoverticillium flavopersicum |         |
| old name                         | Streptoverticillium kentuckense   |         |
| Streptomyces neyagawaensis       | 1                                 |         |
| Streptomyces niger               | 1                                 |         |
| lower priority synonym           | Chainia nigra                     |         |
| 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 noursei             | 1                                 |         |
| Streptomyces novaecaesareae      | 1                                 |         |
| Streptomyces ochraceiscleroticus | 1                                 |         |
| lower priority synonym           | Chainia ochracea                  |         |
| Streptomyces odorifer            | 1                                 |         |
| Streptomyces olivaceiscleroticus | 1                                 |         |
| lower priority synonym           | Chainia olivacea                  |         |

| Name                                    | Group | Remarks  |
|---|-------|--|
| onym                                    |       |  |
| <i>Streptomyces olivaceoviridis</i>     | 1     |  |
| <i>Streptomyces olivaceus</i>           | 1     |  |
| <i>Streptomyces olivochromogenes</i>    | 1     |  |
| <i>Streptomyces olivomycini</i>         | 1     |  |
| old name                                |       | <i>Streptoverticillium olivomycini</i>                                 |
| <i>Streptomyces olivoreticuli</i>       | 1     |  |
| old name                                |       | <i>Streptoverticillium olivoreticulum</i> subsp. <i>cellulophilum</i>  |
| old name                                |       | <i>Streptoverticillium olivoreticulum</i> subsp. <i>olivoreticulum</i> |
| <i>Streptomyces olivovercillatus</i>    | 1     |  |
| old name                                |       | <i>Streptoverticillium olivovercillatum</i>                            |
| <i>Streptomyces olivoviridis</i>        | 1     |  |
| <i>Streptomyces omiyaensis</i>          | 1     |  |
| <i>Streptomyces orinoci</i>             | 1     |  |
| old name                                |       | <i>Streptoverticillium orinoci</i>                                     |
| <i>Streptomyces pactum</i>              | 1     |  |
| <i>Streptomyces paradoxus</i>           | 1     |  |
| <i>Streptomyces parvisporogenes</i>     | 1     |  |
| old name                                |       | <i>Streptoverticillium parvisporogenes</i>                             |
| <i>Streptomyces parvulus</i>            | 1     |  |
| <i>Streptomyces parvus</i>              | 1     |  |
| <i>Streptomyces peucetius</i>           | 1     |  |
| <i>Streptomyces phaeochromogenes</i>    | 1     |  |
| <i>Streptomyces phaeofaciens</i>        | 1     |  |
| <i>Streptomyces phaeopurpureus</i>      | 1     |  |
| <i>Streptomyces phaeoviridis</i>        | 1     |  |
| <i>Streptomyces phosalacineus</i>       | 1     |  |
| equal synonym                           |       | <i>Kitasatospora phosalacinea</i>                                      |
| <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>           | 1     |  |
| lower priority synonym                  |       | <i>Chainia poonensis</i>   |
| <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     |  |
| lower priority synonym                  |       | <i>Microellbosporia grisea</i>   |

| Name   | Group | Remarks |
|--|-------|---------|
| <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>                                | 1     |         |
| old name <i>Kitasatoa purpurea</i>                           |       |         |
| <i>Streptomyces purpurogeneiscleroticus</i>                  | 1     |         |
| lower priority syn-<br>onym <i>Chainia purpurogena</i>       |       |         |
| <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 rectiverticillatus</i>                       | 1     |         |
| old name <i>Streptoverticillium rectiverticillatum</i>       |       |         |
| <i>Streptomyces rectiviolaceus</i>                           | 1     |         |
| <i>Streptomyces regensis</i>                                 | 1     |         |
| <i>Streptomyces resistomycificus</i>                         | 1     |         |
| <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>                         | 1     |         |
| lower priority syn-<br>onym <i>Chainia rosea</i>             |       |         |
| <i>Streptomyces roseodiastaticus</i>                         | 1     |         |
| <i>Streptomyces roseoflavus</i>                              | 1     |         |
| <i>Streptomyces roseofulvus</i>                              | 1     |         |
| <i>Streptomyces roseolilacinus</i>                           | 1     |         |
| <i>Streptomyces roseolus</i>                                 | 1     |         |
| <i>Streptomyces roseosporus</i>                              | 1     |         |
| <i>Streptomyces roseoverticillatus</i>                       |       |         |
| refer to <a href="#">Streptomyces baldaccii</a>              |       |         |
| <i>Streptomyces roseoviolaceus</i>                           | 1     |         |
| <i>Streptomyces roseoviridis</i>                             | 1     |         |
| <i>Streptomyces ruber</i>                                    | 1     |         |
| lower priority syn-<br>onym <i>Chainia rubra</i>             |       |         |
| <i>Streptomyces rubiginosohelvolus</i>                       | 1     |         |
| <i>Streptomyces rubiginosus</i>                              | 1     |         |
| <i>Streptomyces rubrogriseus</i>                             | 1     |         |
| <i>Streptomyces rutgersensis</i> subsp. <i>castelarensis</i> | 1     |         |

| Name  | Group | Remarks            |
|---|-------|--------------------|
| <i>Streptomyces rutgersensis</i> subsp. <i>rutgersensis</i> | 1     |                    |
| <i>Streptomyces salmonis</i>                                | 1     |                    |
| old name <i>Streptoverticillium salmonis</i>                |       |                    |
| <i>Streptomyces sampsonii</i>                               | 1     |                    |
| <i>Streptomyces sannanensis</i>                             | 1     |                    |
| <i>Streptomyces sapporonensis</i>                           | 1     |                    |
| old name <i>Streptoverticillium sapporonense</i>            |       |                    |
| <i>Streptomyces scabiei</i>                                 | 1     | <a href="#">PP</a> |
| <i>Streptomyces sclerotialus</i>                            | 1     |                    |
| lower priority syn-<br>onym <i>Chainia antibiotica</i>      |       |                    |
| <i>Streptomyces seoulensis</i>                              | 1     |                    |
| <i>Streptomyces septatus</i>                                | 1     |                    |
| old name <i>Streptoverticillium septatum</i>                |       |                    |
| <i>Streptomyces setae</i>                                   | 1     |                    |
| equal synonym <i>Kitasatospora setae</i>                    |       |                    |
| <i>Streptomyces setonii</i>                                 | 1     |                    |
| <i>Streptomyces showdoensis</i>                             | 1     |                    |
| <i>Streptomyces sindenensis</i>                             | 1     |                    |
| <i>Streptomyces sioyaensis</i>                              | 1     |                    |
| <i>Streptomyces somaliensis</i>                             | 2     |                    |
| <i>Streptomyces sparsogenes</i>                             | 1     |                    |
| <i>Streptomyces spectabilis</i>                             | 1     |                    |
| <i>Streptomyces speleomycini</i>                            | 1     |                    |
| <i>Streptomyces spheroides</i>                              | 1     |                    |
| <i>Streptomyces spinoverrucosus</i>                         | 1     |                    |
| <i>Streptomyces spiralis</i>                                | 1     |                    |
| old name <i>Elytrosporangium spirale</i>                    |       |                    |
| <i>Streptomyces spiroverticillatus</i>                      | 1     |                    |
| <i>Streptomyces spitsbergensis</i>                          |       |                    |
| refer to <a href="#">Streptomyces baldaccii</a>             |       |                    |
| <i>Streptomyces sporocinereus</i>                           | 1     |                    |
| <i>Streptomyces sporoclivatus</i>                           | 1     |                    |
| <i>Streptomyces spororaveus</i>                             | 1     |                    |
| <i>Streptomyces sporoverrucosus</i>                         | 1     |                    |
| <i>Streptomyces stelliscabiei</i>                           | 1     |                    |
| <i>Streptomyces stramineus</i>                              | 1     |                    |
| <i>Streptomyces subutilus</i>                               | 1     |                    |
| <i>Streptomyces sulfonofaciens</i>                          | 1     |                    |
| <i>Streptomyces sulphureus</i>                              | 1     |                    |
| <i>Streptomyces syringium</i>                               | 1     |                    |
| old name <i>Streptoverticillium syringium</i>               |       |                    |
| <i>Streptomyces tanashiensis</i>                            | 1     |                    |
| <i>Streptomyces tauricus</i>                                | 1     |                    |
| <i>Streptomyces tendae</i>                                  | 1     |                    |

| Name   | Group | Remarks |
|--|-------|---------|
| <i>Streptomyces termitum</i>   | 1     |         |
| <i>Streptomyces thermoalcalitolerans</i>   | 1     |         |
| <i>Streptomyces thermoautotrophicus</i>  | 1     |         |
| <i>Streptomyces thermodiastaticus</i>  | 1     |         |
| <i>Streptomyces thermolineatus</i>   | 1     |         |
| <i>Streptomyces thermonitrificans</i>  | 1     |         |
| <i>Streptomyces thermoviolaceus</i> subsp. <i>apingens</i>                           | 1     |         |
| <i>Streptomyces thermoviolaceus</i> subsp. <i>thermoviolaceus</i>                    | 1     |         |
| <i>Streptomyces thermovulgaris</i>   | 1     |         |
| <i>Streptomyces thioluteus</i><br>old name <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 tuius</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 violarus</i>   | 1     |         |
| <i>Streptomyces violascens</i>   | 1     |         |
| <i>Streptomyces violatus</i>   | 1     |         |
| <i>Streptomyces violens</i><br>lower priority syn-<br>onym <i>Chainia violens</i>    | 1     |         |
| <i>Streptomyces virens</i>   | 1     |         |
| <i>Streptomyces virginiae</i>  | 1     |         |
| <i>Streptomyces viridiflavus</i><br>old name <i>Streptoverticillium viridiflavum</i> | 1     |         |
| <i>Streptomyces viridiviolaceus</i>  | 1     |         |
| <i>Streptomyces viridobrunneus</i>   | 1     |         |

| Name                                  | Group | Remarks   |
|---------------------------------------|-------|---|
| <i>Streptomyces viridochromogenes</i> | 1     |   |
| <i>Streptomyces viridodiataticus</i>  | 1     |   |
| <i>Streptomyces viridosporus</i>      | 1     |   |
| <i>Streptomyces vitaminophilus</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     |   |
| lower priority synonym                |       | <i>Microellobosporia violacea</i>                           |
| lower priority synonym                |       | <i>Micromonospora gallica</i>                               |
| lower priority synonym                |       | <i>Micromonospora halophytica</i> subsp. <i>halophytica</i> |
| lower priority synonym                |       | <i>Micromonospora halophytica</i> subsp. <i>nigra</i>       |
| <i>Streptomyces yokosukanensis</i>    | 1     |   |
| <i>Streptomyces zaomyceticus</i>      | 1     |   |

### Streptosporangium

|  |   |   |
|--|---|---|
| <i>Streptosporangium albidum</i>                                   |   |   |
| refer to   |   | <a href="#">Kutzneria albida</a>        |
| <i>Streptosporangium album</i>                                     | 1 |   |
| <i>Streptosporangium amethystogenes</i>                            | 1 |   |
| <i>Streptosporangium carneum</i>                                   | 1 |   |
| <i>Streptosporangium corrugatum</i>                                | 1 |   |
| <i>Streptosporangium fragile</i>                                   | 1 |   |
| <i>Streptosporangium indianense</i>                                |   |   |
| refer to   |   | <a href="#">Streptomyces indiaensis</a> |
| <i>Streptosporangium longisporum</i>                               | 1 |   |
| <i>Streptosporangium nondiastaticum</i>                            | 1 |   |
| <i>Streptosporangium pseudovulgare</i>                             | 1 |   |
| <i>Streptosporangium roseum</i>                                    |   |   |
| refer to   |   | <a href="#">Streptomyces indiaensis</a> |
| <i>Streptosporangium violaceochromogenes</i>                       |   |   |
| refer to   |   | <a href="#">Streptomyces indiaensis</a> |
| <i>Streptosporangium viridialbum</i>                               | 1 |   |
| <i>Streptosporangium viridogriseum</i> subsp. <i>kofuense</i>      |   |   |
| refer to   |   | <a href="#">Kutzneria kofuensis</a>     |
| <i>Streptosporangium viridogriseum</i>                             |   |   |
| refer to   |   | <a href="#">Kutzneria viridogrisea</a>  |
| <i>Streptosporangium viridogriseum</i> subsp. <i>viridogriseum</i> |   |   |

| Name  | Group | Remarks |
|---|-------|---------|
| refer to <a href="#">Kutzneria viridogrisea</a> |       |         |
| Streptosporangium vulgare                       | 1     |         |

### Streptoverticillium

|  |  |  |
|--|--|--|
| Streptoverticillium abikoense  |  |  |
| refer to <a href="#">Streptomyces abikoensis</a>                     |  |  |
| Streptoverticillium albireticuli                                     |  |  |
| refer to <a href="#">Streptomyces albireticuli</a>                   |  |  |
| Streptoverticillium alboverticillatum                                |  |  |
| refer to <a href="#">Streptomyces alboverticillatus</a>              |  |  |
| Streptoverticillium album  |  |  |
| refer to <a href="#">Streptomyces luteosporus</a>                    |  |  |
| Streptoverticillium arduum   |  |  |
| refer to <a href="#">Streptomyces arduus</a>                         |  |  |
| Streptoverticillium aureoversile                                     |  |  |
| refer to <a href="#">Streptomyces aureoversilis</a>                  |  |  |
| Streptoverticillium baldaccii  |  |  |
| refer to <a href="#">Streptomyces baldaccii</a>                      |  |  |
| Streptoverticillium biverticillatum                                  |  |  |
| refer to <a href="#">Streptomyces baldaccii</a>                      |  |  |
| Streptoverticillium blastmyceticum                                   |  |  |
| refer to <a href="#">Streptomyces blastmyceticus</a>                 |  |  |
| Streptoverticillium cinnamoneum subsp. albosporum                    |  |  |
| refer to <a href="#">Streptomyces cinnamoneus subsp. albosporus</a>  |  |  |
| Streptoverticillium cinnamoneum subsp. cinnamoneum                   |  |  |
| refer to <a href="#">Streptomyces cinnamoneus subsp. cinnamoneus</a> |  |  |
| Streptoverticillium cinnamoneum subsp. lanosum                       |  |  |
| refer to <a href="#">Streptomyces cinnamoneus subsp. lanosus</a>     |  |  |
| Streptoverticillium cinnamoneum subsp. sparsum                       |  |  |
| refer to <a href="#">Streptomyces cinnamoneus subsp. sparsus</a>     |  |  |
| Streptoverticillium distallicum                                      |  |  |
| refer to <a href="#">Streptomyces netropsis</a>                      |  |  |
| Streptoverticillium ehimense   |  |  |
| refer to <a href="#">Streptomyces ehimensis</a>                      |  |  |
| Streptoverticillium eurocidicum                                      |  |  |
| refer to <a href="#">Streptomyces eurocidicus</a>                    |  |  |
| Streptoverticillium fervens subsp. fervens                           |  |  |
| refer to <a href="#">Streptomyces baldaccii</a>                      |  |  |
| Streptoverticillium fervens subsp. melrosporus                       |  |  |
| refer to <a href="#">Streptomyces baldaccii</a>                      |  |  |
| Streptoverticillium flavopersicum                                    |  |  |
| refer to <a href="#">Streptomyces netropsis</a>                      |  |  |
| Streptoverticillium griseocarneum                                    |  |  |
| refer to <a href="#">Streptomyces griseocarneus</a>                  |  |  |
| Streptoverticillium griseoverticillatum                              |  |  |
| refer to <a href="#">Streptomyces griseoverticillatus</a>            |  |  |
| Streptoverticillium hachijoense                                      |  |  |



| Name   | Group   | Remarks |
|--|---|---------|
| refer to   | <a href="#">Streptomyces hachijoensis</a>       |         |
| Streptovercillium hiroshimense                         |   |         |
| refer to   | <a href="#">Streptomyces hiroshimensis</a>      |         |
| Streptovercillium kashimirens                          |   |         |
| refer to   | <a href="#">Streptomyces kashimirensis</a>      |         |
| Streptovercillium kentuckense                          |   |         |
| refer to   | <a href="#">Streptomyces netropsis</a>          |         |
| Streptovercillium kishiwadense                         |   |         |
| refer to   | <a href="#">Streptomyces kishiwadensis</a>      |         |
| Streptovercillium ladakanum                            |   |         |
| refer to   | <a href="#">Streptomyces mobaraensis</a>        |         |
| Streptovercillium lavenduligriseum                     |   |         |
| refer to   | <a href="#">Streptomyces lavenduligriseus</a>   |         |
| Streptovercillium lilacinum                            |   |         |
| refer to   | <a href="#">Streptomyces lilacinus</a>          |         |
| Streptovercillium luteovercillatum                     |   |         |
| refer to   | <a href="#">Streptomyces luteovercillatus</a>   |         |
| Streptovercillium mashuense                            |   |         |
| refer to   | <a href="#">Streptomyces mashuensis</a>         |         |
| Streptovercillium mobaraense                           |   |         |
| refer to   | <a href="#">Streptomyces mobaraensis</a>        |         |
| Streptovercillium morookaense                          |   |         |
| refer to   | <a href="#">Streptomyces morookaensis</a>       |         |
| Streptovercillium netropsis                            |   |         |
| refer to   | <a href="#">Streptomyces netropsis</a>          |         |
| Streptovercillium olivomycini                          |   |         |
| refer to   | <a href="#">Streptomyces olivomycini</a>        |         |
| Streptovercillium olivoreticulum subsp. cellulophilum  |   |         |
| refer to   | <a href="#">Streptomyces olivoreticuli</a>      |         |
| Streptovercillium olivoreticulum subsp. olivoreticulum |   |         |
| refer to   | <a href="#">Streptomyces olivoreticuli</a>      |         |
| Streptovercillium olivoverticillatum                   |   |         |
| refer to   | <a href="#">Streptomyces olivoverticillatus</a> |         |
| Streptovercillium orinoci                              |   |         |
| refer to   | <a href="#">Streptomyces orinoci</a>            |         |
| Streptovercillium parvisporogenes                      |   |         |
| refer to   | <a href="#">Streptomyces parvisporogenes</a>    |         |
| Streptovercillium rektiverticillatum                   |   |         |
| refer to   | <a href="#">Streptomyces rektiverticillatus</a> |         |
| Streptovercillium roseovercillatum                     |   |         |
| refer to   | <a href="#">Streptomyces baldaccii</a>          |         |
| Streptovercillium salmonis                             |   |         |
| refer to   | <a href="#">Streptomyces salmonis</a>           |         |
| Streptovercillium sapporonense                         |   |         |
| refer to   | <a href="#">Streptomyces sapporonensis</a>      |         |
| Streptovercillium septatum                             |   |         |
| refer to   | <a href="#">Streptomyces septatus</a>           |         |

| Name                               | Group | Remarks                                   |
|------------------------------------|-------|---|
| Streptovorticillium syringium      |       |   |
| refer to                           |       | <a href="#">Streptomyces syringium</a>    |
| Streptovorticillium thioluteum     |       |   |
| refer to                           |       | <a href="#">Streptomyces thioluteus</a>   |
| Streptovorticillium viridiflavum   |       |   |
| refer to                           |       | <a href="#">Streptomyces viridiflavus</a> |
| <b>Stygiolobus</b>                 |       |   |
| Stygiolobus azoricus               | 1     |   |
| <b>Succiniclasticum</b>            |       |   |
| Succiniclasticum ruminis           | 1     |   |
| <b>Succinimonas</b>                |       |   |
| Succinimonas amylolytica           | 1     |   |
| <b>Succinivibrio</b>               |       |   |
| Succinivibrio dextrinosolvens      | 1     | <a href="#">PIIC</a>                      |
| <b>Sulfitobacter</b>               |       |   |
| Sulfitobacter pontiacus            | 1     |   |
| <b>Sulfobacillus</b>               |       |   |
| Sulfobacillus acidophilus          | 1     |   |
| Sulfobacillus disulfidooxidans     | 1     |   |
| Sulfobacillus thermosulfidooxidans | 1     |   |
| <b>Sulfolobus</b>                  |       |   |
| Sulfolobus acidocaldarius          | 1     |   |
| Sulfolobus brierleyi               |       |   |
| refer to                           |       | <a href="#">Acidianus brierleyi</a>       |
| Sulfolobus hakonensis              | 1     |   |
| Sulfolobus metallicus              | 1     |   |
| Sulfolobus shibatae                | 1     |   |
| Sulfolobus solfataricus            | 1     |   |
| <b>Sulfophobococcus</b>            |       |   |
| Sulfophobococcus zilligii          | 1     |   |
| <b>Sulfurococcus</b>               |       |   |
| Sulfurococcus mirabilis            | 1     |   |
| Sulfurococcus yellowstonensis      | 1     |   |
| <b>Sulfurospirillum</b>            |       |   |
| Sulfurospirillum arcachonense      | 1     |   |
| Sulfurospirillum arsenophilum      | 1     |   |
| Sulfurospirillum barnesii          | 1     |   |
| Sulfurospirillum deleyianum        | 1     |   |
| <b>Sutterella</b>                  |       |   |

| Name  | Group | Remarks            |
|---|-------|--------------------|
| Sutterella wadsworthensis                         | 2     |                    |
| <b>Suttonella</b>                                 |       |                    |
| Suttonella indologenes                            | 2     |                    |
| old name Kingella indologenes                     |       |                    |
| <b>Symbiotes</b>                                  |       |                    |
| Symbiotes lectularius                             | 1     |                    |
| <b>Synergistes</b>                                |       |                    |
| Synergistes jonesii                               | 1     |                    |
| <b>Syntrophobacter</b>                            |       |                    |
| Syntrophobacter wolinii                           | 1     |                    |
| <b>Syntrophobotulus</b>                           |       |                    |
| Syntrophobotulus glycolicus                       | 1     |                    |
| <b>Syntrophococcus</b>                            |       |                    |
| Syntrophococcus sucromutans                       | 1     |                    |
| <b>Syntrophomonas</b>                             |       |                    |
| Syntrophomonas sapovorans                         | 1     |                    |
| Syntrophomonas wolfei subsp. saponavida           | 1     |                    |
| Syntrophomonas wolfei subsp. wolfei               | 1     |                    |
| <b>Syntrophospora</b>                             |       |                    |
| Syntrophospora bryantii                           | 1     |                    |
| old name Clostridium bryantii                     |       |                    |
| <b>Syntrophus</b>                                 |       |                    |
| Syntrophus buswellii                              | 1     |                    |
| Syntrophus gentianae                              | 1     |                    |
| <b>Tatlockia</b>                                  |       |                    |
| Tatlockia maceachernii                            | 2     |                    |
| old name Legionella maceachernii                  |       |                    |
| Tatlockia micdadei                                | 2     |                    |
| lower priority synonym Legionella pittsburghensis |       |                    |
| old name Legionella micdadei                      |       |                    |
| <b>Tatumella</b>                                  |       |                    |
| Tatumella ptyseos                                 | 2     |                    |
| <b>Taylorella</b>                                 |       |                    |
| Taylorella asinigenitalis                         | 2     |                    |
| Taylorella equigenitalis                          | 2     | <a href="#">PV</a> |
| old name Haemophilus equigenitalis                |       |                    |
| <b>Tectibacter</b>                                |       |                    |
| Tectibacter vulgaris                              | 1     |                    |

| Name  | Group | Remarks              |
|---|-------|----------------------|
| <b>Telluria</b>   |       |                      |
| Telluria chitinolytica  | 1     |                      |
| Telluria mixta<br>old name Pseudomonas mixta  | 1     |                      |
| <b>Tenuibacillus</b>  |       |                      |
| Tenuibacillus multivorans   | 1     |                      |
| <b>Tepidibacter</b>   |       |                      |
| Tepidibacter formicigenes   | 1     |                      |
| Tepidibacter thalassicus  | 1     |                      |
| <b>Terrabacter</b>  |       |                      |
| Terrabacter tumescens<br>old name Pimelobacter tumescens<br>old name Arthrobacter tumescens | 1     |                      |
| <b>Terracoccus</b>  |       |                      |
| Terracoccus luteus  | 1     |                      |
| <b>Tetragenococcus</b>  |       |                      |
| Tetragenococcus halophilus<br>old name Pediococcus halophilus                               | 1     |                      |
| Tetragenococcus muriaticus  | 1     |                      |
| <b>Thalassobacter</b>   |       |                      |
| Thalassobacter stenotrophicus   | 1     |                      |
| <b>Thalassolituus</b>   |       |                      |
| Thalassolituus oleivorans   | 1     |                      |
| <b>Thauera</b>  |       |                      |
| Thauera aminoaromatica  | 1     |                      |
| Thauera aromatica   | 1     |                      |
| Thauera chlorobenzoica  | 1     |                      |
| Thauera linalcolentis   | 1     |                      |
| Thauera linaloolentis   | 1     |                      |
| Thauera mechernichensis   | 1     |                      |
| Thauera phenylacetica   | 1     |                      |
| Thauera selenatis   | 1     |                      |
| <b>Thermanaeromonas</b>   |       |                      |
| Thermanaeromonas toyohensis   | 1     |                      |
| <b>Thermoactinomyces</b>  |       |                      |
| Thermoactinomyces candidus  | 1     | <a href="#">PIIC</a> |
| Thermoactinomyces dichotomicus  | 1     | <a href="#">PIIC</a> |
| Thermoactinomyces intermedius   | 1     |                      |
| Thermoactinomyces peptonophilus   | 1     |                      |

| Name                                 | Group | Remarks              |
|--------------------------------------|-------|----------------------|
| <i>Thermoactinomyces putidus</i>     | 1     |                      |
| <i>Thermoactinomyces sacchari</i>    | 1     | <a href="#">PIIC</a> |
| <i>Thermoactinomyces thalophilus</i> | 1     | <a href="#">PIIC</a> |
| <i>Thermoactinomyces vulgaris</i>    | 1     | <a href="#">PIIC</a> |

### Thermoanaerobacter

|  |   |  |
|--|---|--|
| <i>Thermoanaerobacter acetoethylicus</i>                                 | 1 |  |
| old name <i>Thermobacteroides acetoethylicus</i>                         |   |  |
| <i>Thermoanaerobacter Brockii</i>  | 1 |  |
| old name <i>Thermoanaerobium Brockii</i>                                 |   |  |
| <i>Thermoanaerobacter Brockii</i> subsp. <i>Brockii</i>                  | 1 |  |
| <i>Thermoanaerobacter Brockii</i> subsp. <i>finnii</i>                   | 1 |  |
| old name <i>Thermoanaerobacter finnii</i>                                |   |  |
| <i>Thermoanaerobacter Brockii</i> subsp. <i>lactiethylicus</i>           | 1 |  |
| <i>Thermoanaerobacter ethanolicus</i>                                    | 1 |  |
| <i>Thermoanaerobacter finnii</i>   |   |  |
| refer to <a href="#">Thermoanaerobacter Brockii</a> subsp. <i>finnii</i> |   |  |
| <i>Thermoanaerobacter italicus</i>                                       | 1 |  |
| <i>Thermoanaerobacter kivui</i>  | 1 |  |
| old name <i>Acetogenium kivui</i>  |   |  |
| <i>Thermoanaerobacter mathranii</i>                                      | 1 |  |
| <i>Thermoanaerobacter siderophilus</i>                                   | 1 |  |
| <i>Thermoanaerobacter subterraneus</i>                                   | 1 |  |
| <i>Thermoanaerobacter sulfurophilus</i>                                  | 1 |  |
| <i>Thermoanaerobacter tengcongensis</i>                                  | 1 |  |
| <i>Thermoanaerobacter thermohydrosulfuricus</i>                          | 1 |  |
| old name <i>Clostridium thermohydrosulfuricum</i>                        |   |  |
| <i>Thermoanaerobacter wiegelii</i>                                       | 1 |  |
| <i>Thermoanaerobacter yonseiensis</i>                                    | 1 |  |

### Thermoanaerobacterium

|  |   |  |
|--|---|--|
| <i>Thermoanaerobacterium aotearoense</i>           | 1 |  |
| <i>Thermoanaerobacterium polysaccharolyticum</i>   | 1 |  |
| <i>Thermoanaerobacterium saccharolyticum</i>       | 1 |  |
| <i>Thermoanaerobacterium thermosaccharolyticum</i> | 1 |  |
| old name <i>Clostridium thermosaccharolyticum</i>  |   |  |
| <i>Thermoanaerobacterium thermosulfurigenes</i>    | 1 |  |
| old name <i>Clostridium thermosulfurigenes</i>     |   |  |
| <i>Thermoanaerobacterium xylanolyticum</i>         | 1 |  |

### Thermoanaerobium

|   |   |  |
|---|---|--|
| <i>Thermoanaerobium acetigenum</i>                  | 1 |  |
| <i>Thermoanaerobium Brockii</i>                     |   |  |
| refer to <a href="#">Thermoanaerobacter Brockii</a> |   |  |

### Thermobacteroides

|   |  |  |
|---|--|--|
| <i>Thermobacteroides acetoethylicus</i> |  |  |
|---|--|--|

| Name   | Group | Remarks |
|--|-------|---------|
| refer to <a href="#">Thermoanaerobacter acetoethylicus</a> |       |         |
| Thermobacteroides leptospartum                             | 1     |         |
| Thermobacteroides proteolyticus                            |       |         |
| refer to <a href="#">Coprothermobacter proteolyticus</a>   |       |         |

### Thermobispora

|                       |                      |  |
|-----------------------|----------------------|--|
| Thermobispora bispora | 1                    |  |
| old name              | Microbispora bispora |  |

### Thermobrachium

|                       |   |  |
|-----------------------|---|--|
| Thermobrachium celere | 1 |  |
|-----------------------|---|--|

### Thermococcus

|                              |   |  |
|------------------------------|---|--|
| Thermococcus acidaminovorans | 1 |  |
| Thermococcus aegaeus         | 1 |  |
| Thermococcus alcaliphilus    | 1 |  |
| Thermococcus atlanticus      | 1 |  |
| Thermococcus barophilus      | 1 |  |
| Thermococcus barossii        | 1 |  |
| Thermococcus celer           | 1 |  |
| Thermococcus chitonophagus   | 1 |  |
| Thermococcus fumicolans      | 1 |  |
| Thermococcus gammatolerans   | 1 |  |
| Thermococcus gorgonarius     | 1 |  |
| Thermococcus guaymasensis    | 1 |  |
| Thermococcus hydrothermalis  | 1 |  |
| Thermococcus kodakarensis    | 1 |  |
| Thermococcus litoralis       | 1 |  |
| Thermococcus pacificus       | 1 |  |
| Thermococcus peptonophilus   | 1 |  |
| Thermococcus profundus       | 1 |  |
| Thermococcus sibiricus       | 1 |  |
| Thermococcus siculi          | 1 |  |
| Thermococcus stetteri        | 1 |  |
| Thermococcus waiotapuensis   | 1 |  |
| Thermococcus zilligii        | 1 |  |

### Thermocrispum

|                          |   |  |
|--------------------------|---|--|
| Thermocrispum agreste    | 1 |  |
| Thermocrispum municipale | 1 |  |

### Thermodesulfobacterium

|                                |                            |  |
|--------------------------------|----------------------------|--|
| Thermodesulfobacterium commune | 1                          |  |
| Thermodesulfobacterium mobile  | 1                          |  |
| old name                       | Desulfovibrio thermophilus |  |

### Thermodesulforhabdus

| Name                                     | Group | Remarks |
|--|-------|---------|
| <i>Thermodesulforhabdus norvegicus</i>   | 1     |         |
| <b>Thermodesulfovibrio</b>               |       |         |
| <i>Thermodesulfovibrio yellowstonii</i>  | 1     |         |
| <b>Thermofilum</b>                       |       |         |
| <i>Thermofilum pendens</i>               | 1     |         |
| <b>Thermoflavimicrobium</b>              |       |         |
| <i>Thermoflavimicrobium dichotomicum</i> | 1     |         |
| <b>Thermohydrogenium</b>                 |       |         |
| <i>Thermohydrogenium kirishiense</i>     | 1     |         |
| <b>Thermoleophilum</b>                   |       |         |
| <i>Thermoleophilum album</i>             | 1     |         |
| <i>Thermoleophilum minutum</i>           | 1     |         |
| <b>Thermomicrobium</b>                   |       |         |
| <i>Thermomicrobium fosteri</i>           | 1     |         |
| <i>Thermomicrobium roseum</i>            | 1     |         |
| <b>Thermomonospora</b>                   |       |         |
| <i>Thermomonospora alba</i>              | 1     |         |
| <i>Thermomonospora chromogena</i>        | 1     |         |
| <i>Thermomonospora curvata</i>           | 1     |         |
| <i>Thermomonospora formosensis</i>       | 1     |         |
| <i>Thermomonospora fusca</i>             | 1     |         |
| <i>Thermomonospora mesophila</i>         | 1     |         |
| <i>Thermomonospora mesouviformis</i>     | 1     |         |
| <b>Thermonema</b>                        |       |         |
| <i>Thermonema lapsum</i>                 | 1     |         |
| <i>Thermonema rossianum</i>              | 1     |         |
| <b>Thermoplasma</b>                      |       |         |
| <i>Thermoplasma acidophilum</i>          | 1     |         |
| <i>Thermoplasma volcanium</i>            | 1     |         |
| <b>Thermoproteus</b>                     |       |         |
| <i>Thermoproteus neutrophilus</i>        | 1     |         |
| <i>Thermoproteus tenax</i>               | 1     |         |
| <b>Thermosipho</b>                       |       |         |
| <i>Thermosipho africanus</i>             | 1     |         |
| <i>Thermosipho melanesiensis</i>         | 1     |         |
| <b>Thermosphaera</b>                     |       |         |
| <i>Thermosphaera aggregans</i>           | 1     |         |

| Name  | Group | Remarks |
|---|-------|---------|
| <b>Thermosyntropha</b>  |       |         |
| Thermosyntropha lipolytica  | 1     |         |
| <b>Thermoterrabacterium</b>   |       |         |
| Thermoterrabacterium ferrireducens  | 1     |         |
| <b>Thermothrix</b>  |       |         |
| Thermothrix azorensis   | 1     |         |
| Thermothrix thiopara  | 1     |         |
| <b>Thermotoga</b>   |       |         |
| Thermotoga elfii  | 1     |         |
| Thermotoga hypogea  | 1     |         |
| Thermotoga maritima   | 1     |         |
| Thermotoga neapolitana  | 1     |         |
| Thermotoga thermarum  | 1     |         |
| <b>Thermus</b>  |       |         |
| Thermus aquaticus   | 1     |         |
| Thermus brockianus  | 1     |         |
| Thermus chliarophilus<br>refer to <a href="#">Meiothermus chliarophilus</a> |       |         |
| Thermus filiformis  | 1     |         |
| Thermus igniterrae  | 1     |         |
| Thermus oshimai   | 1     |         |
| Thermus ruber<br>refer to <a href="#">Meiothermus ruber</a>                 |       |         |
| Thermus scotoductus   | 1     |         |
| Thermus silvanus<br>refer to <a href="#">Meiothermus silvanus</a>           |       |         |
| Thermus thermophilus  | 1     |         |
| <b>Thiobacillus</b>   |       |         |
| 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<br>refer to <a href="#">Thiomonas intermedia</a>   |       |         |
| Thiobacillus neapolitanus   | 1     |         |
| Thiobacillus novellus   | 1     |         |



| Name                         | Group | Remarks                                  |
|------------------------------|-------|--|
| Thiobacillus perometabolis   |       |  |
| refer to                     |       | <a href="#">Thiomonas perometabolis</a>  |
| Thiobacillus rapidicrescens  |       |  |
| refer to                     |       | <a href="#">Paracoccus versutus</a>      |
| Thiobacillus tepidarius      | 1     |  |
| Thiobacillus thermosulfatus  |       |  |
| refer to                     |       | <a href="#">Thiomonas thermosulfata</a>  |
| Thiobacillus thiooxidans     | 1     |  |
| Thiobacillus thioparus       | 1     |  |
| Thiobacillus thyasiris       |       |  |
| refer to                     |       | <a href="#">Thiomicrospira thyasirae</a> |
| Thiobacillus versutus        |       |  |
| refer to                     |       | <a href="#">Paracoccus versutus</a>      |
| <b>Thiobacterium</b>         |       |  |
| Thiobacterium bovistum       | 1     |  |
| <b>Thiocapsa</b>             |       |  |
| Thiocapsa halophila          | 1     |  |
| Thiocapsa pfennigii          | 1     |  |
| Thiocapsa roseopersicina     | 1     |  |
| <b>Thiocystis</b>            |       |  |
| Thiocystis gelatinosa        | 1     |  |
| Thiocystis violacea          | 1     |  |
| <b>Thiodictyon</b>           |       |  |
| Thiodictyon bacillosum       | 1     |  |
| Thiodictyon elegans          | 1     |  |
| <b>Thiomicrospira</b>        |       |  |
| Thiomicrospira crunogena     | 1     |  |
| Thiomicrospira denitrificans | 1     |  |
| Thiomicrospira pelophila     | 1     |  |
| Thiomicrospira thyasirae     | 1     |  |
| old name                     |       | Thiobacillus thyasiris                   |
| <b>Thiomonas</b>             |       |  |
| Thiomonas cuprina            | 1     |  |
| Thiomonas intermedia         | 1     |  |
| old name                     |       | Thiobacillus intermedius                 |
| Thiomonas perometabolis      | 1     |  |
| old name                     |       | Thiobacillus perometabolis               |
| Thiomonas thermosulfata      | 1     |  |
| old name                     |       | Thiobacillus thermosulfatus              |
| <b>Thiopedia</b>             |       |  |
| Thiopedia rosea              | 1     |  |

| Name                                 | Group | Remarks                                  |
|--------------------------------------|-------|--|
| <b>Thioploca</b>                     |       |  |
| Thioploca araucae                    | 1     |  |
| Thioploca chileae                    | 1     |  |
| Thioploca ingrlica                   | 1     |  |
| Thioploca schmidlei                  | 1     |  |
| <b>Thiorhodovibrio</b>               |       |  |
| Thiorhodovibrio winogradskyi         | 1     |  |
| <b>Thiosphaera</b>                   |       |  |
| Thiosphaera pantotropha<br>refer to  |       | <a href="#">Paracoccus denitrificans</a> |
| <b>Thiospira</b>                     |       |  |
| Thiospira winogradskyi               | 1     |  |
| <b>Thiospirillum</b>                 |       |  |
| Thiospirillum jenense                | 1     |  |
| <b>Thiothrix</b>                     |       |  |
| Thiothrix nivea                      | 1     |  |
| <b>Thiovulum</b>                     |       |  |
| Thiovulum majus                      | 1     |  |
| <b>Tissierella</b>                   |       |  |
| Tissierella creatinini               | 1     | <a href="#">TMP</a>                      |
| Tissierella creatinophila            | 1     |  |
| Tissierella praeacuta<br>old name    | 2     | <i>Bacteroides praeacutus</i>            |
| <b>Tolumonas</b>                     |       |  |
| Tolumonas auensis                    | 1     |  |
| <b>Toxothrix</b>                     |       |  |
| Toxothrix trichogenes                | 1     |  |
| <b>Trabulsiella</b>                  |       |  |
| Trabulsiella guamensis               | 1     |  |
| <b>Treponema</b>                     |       |  |
| Treponema amyloporum                 | 2     |  |
| Treponema bryantii                   | 1     |  |
| Treponema carateum                   | 2     |  |
| Treponema denticola                  | 2     |  |
| Treponema hyodysenteriae<br>refer to |       | <a href="#">Serpulina hyodysenteriae</a> |
| Treponema innocens<br>refer to       |       | <a href="#">Serpulina innocens</a>       |
| Treponema lecithinolyticum           | 2     |  |

| Name                                   | Group | Remarks              |
|--|-------|----------------------|
| Treponema maltophilum                  | 2     |                      |
| Treponema medium                       | 2     |                      |
| Treponema minutum                      | 1     |                      |
| Treponema pallidum                     | 2     |                      |
| Treponema paraluisuniculi              | 2     | <a href="#">PV</a>   |
| Treponema pectinovorum                 | 2     |                      |
| Treponema pertense                     | 2     |                      |
| Treponema phagedenis                   | 1     |                      |
| Treponema refringens                   | 1     |                      |
| Treponema saccharophilum               | 1     |                      |
| Treponema scoliodontum                 | 1     | <a href="#">PIIC</a> |
| 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

|  |   |                      |
|--|---|----------------------|
| Corynebacterium paurometabolum<br>refer to <a href="#">Tsukamurella paurometabola</a>  |   |                      |
| Tsukamurella inchoensis  | 2 |                      |
| Tsukamurella paurometabola<br>lower priority syn-<br>onym Rhodococcus aurantiacus<br>old name Corynebacterium paurometabolum | 1 | <a href="#">PIIC</a> |
| Tsukamurella pulmonis  | 2 |                      |
| Tsukamurella tyrosinosolvens   | 2 |                      |
| Tsukamurella wratislaviensis   | 1 |                      |

### Turicella

|                    |   |  |
|--------------------|---|--|
| Turicella otitidis | 2 |  |
|--------------------|---|--|

### Ureaplasma

|                           |   |                     |
|---------------------------|---|---------------------|
| Ureaplasma canigenitalium | 1 | <a href="#">PV?</a> |
| Ureaplasma cati           | 1 |                     |
| Ureaplasma diversum       | 2 | <a href="#">PV</a>  |
| Ureaplasma felinum        | 1 |                     |
| Ureaplasma gallorale      | 2 | <a href="#">PV</a>  |
| Ureaplasma urealyticum    | 2 |                     |

### Vagococcus

|                         |   |                    |
|-------------------------|---|--------------------|
| Vagococcus fluvialis    | 1 |                    |
| Vagococcus salmoninarum | 2 | <a href="#">PV</a> |

| Name   | Group | Remarks                                 |
|--|-------|---|
| <b>Vampirovibrio</b>   |       |   |
| Vampirovibrio chlorellavorus   | 1     |   |
| <b>Variovorax</b>  |       |   |
| Alcaligenes paradoxus<br>refer to <a href="#">Variovorax paradoxus</a>   |       |   |
| Variovorax paradoxus<br>old name Alcaligenes paradoxus   | 1     |   |
| <b>Veillonella</b>   |       |   |
| Veillonella alcalescens<br>refer to <a href="#">Veillonella parvula</a>  |       |   |
| Veillonella alcalescens subsp. criceti<br>refer to <a href="#">Veillonella criceti</a>   |       |   |
| Veillonella alcalescens subsp. dispar<br>refer to <a href="#">Veillonella dispar</a>   |       |   |
| Veillonella alcalescens subsp. alcalescens<br>refer to <a href="#">Veillonella parvula</a>   |       |   |
| Veillonella alcalescens subsp. ratti<br>refer to <a href="#">Veillonella ratti</a>   |       |   |
| Veillonella atypica<br>old name Veillonella parvula subsp. atypica   | 1     | <a href="#">PIIC</a>                    |
| Veillonella caviae   | 1     |   |
| Veillonella criceti<br>old name Veillonella alcalescens subsp. criceti   | 1     |   |
| Veillonella dispar<br>old name Veillonella alcalescens subsp. dispar   | 1     | <a href="#">PIIC</a>                    |
| Veillonella parvula<br>lower priority synonym Veillonella alcalescens<br>lower priority synonym Veillonella alcalescens subsp. alcalescens | 2     |   |
| Veillonella parvula subsp. atypica<br>refer to <a href="#">Veillonella atypica</a>   |       |   |
| Veillonella parvula subsp. rodentium<br>refer to <a href="#">Veillonella rodentium</a>   |       |   |
| Veillonella ratti<br>old name Veillonella alcalescens subsp. ratti   | 1     |   |
| Veillonella rodentium<br>old name Veillonella parvula subsp. rodentium   | 1     |   |
| <b>Verrucomicrobium</b>  |       |   |
| Verrucomicrobium spinosum  | 1     |   |
| <b>Vibrio</b>  |       |   |
| Listonella anguillarum<br>refer to <a href="#">Vibrio anguillarum</a>  |       |   |
| Vibrio aestuarianus  | 1     | <a href="#">PI</a> <a href="#">PIIC</a> |
| Vibrio alginolyticus   |       |   |

| Name                    |   | Group | Remarks             |
|-------------------------|---|-------|---------------------|
| refer to                | <a href="#">Beneckeia alginolytica</a>  |       |                     |
| Vibrio alginolyticus    |   | 2     | <a href="#">TA</a>  |
| equal synonym           | Beneckeia alginolytica                  |       |                     |
| Vibrio anguillarum      |   |       |                     |
| refer to                | <a href="#">Listonella anguillarum</a>  |       |                     |
| Vibrio anguillarum      |   | 2     |                     |
| higher priority synonym | Listonella anguillarum                  |       |                     |
| Vibrio campbellii       |   | 1     |                     |
| old name                | Beneckeia campbellii                    |       |                     |
| Vibrio carchariae       |   | 2     | <a href="#">PV</a>  |
| Vibrio cholerae         |   | 2     |                     |
| Vibrio cincinnatiensis  |   | 2     |                     |
| Vibrio costicola        |   |       |                     |
| refer to                | <a href="#">Salinivibrio costicola</a>  |       |                     |
| Vibrio damsela          |   |       |                     |
| refer to                | <a href="#">Photobacterium damsela</a>  |       |                     |
| Vibrio diabolicus       |   | 1     |                     |
| Vibrio diazotrophicus   |   | 1     |                     |
| Vibrio fischeri         |   |       |                     |
| refer to                | <a href="#">Photobacterium fischeri</a> |       |                     |
| Vibrio fischeri         |   | 1     |                     |
| equal synonym           | Photobacterium fischeri                 |       |                     |
| Vibrio fluvialis        |   | 2     |                     |
| Vibrio furnissii        |   | 2     |                     |
| Vibrio gazogenes        |   | 1     |                     |
| old name                | Vibrio gazogenes                        |       |                     |
| Vibrio gazogenes        |   |       |                     |
| refer to                | <a href="#">Vibrio gazogenes</a>        |       |                     |
| Vibrio harveyi          |   | 1     |                     |
| old name                | Lucibacterium harveyi                   |       |                     |
| old name                | Beneckeia harveyi                       |       |                     |
| Vibrio hollisae         |   | 2     |                     |
| Vibrio ichthyoenteri    |   | 2     | <a href="#">PV</a>  |
| Vibrio iliopiscarius    |   | 1     | <a href="#">PV?</a> |
| Vibrio logei            |   | 1     | <a href="#">PI</a>  |
| old name                | Photobacterium logei                    |       |                     |
| Vibrio marinus          |   | 1     |                     |
| Vibrio mediterranei     |   | 1     |                     |
| Vibrio metschnikovii    |   | 2     |                     |
| Vibrio mimicus          |   | 2     |                     |
| Vibrio mytili           |   | 1     |                     |
| Vibrio natriegens       |   | 1     |                     |
| old name                | Beneckeia natriegens                    |       |                     |
| Vibrio navarrensis      |   | 1     |                     |
| Vibrio nereis           |   | 1     |                     |

| Name                    |  | Group | Remarks            |
|-------------------------|--|-------|--------------------|
| old name                | Beneckea nereis                          |       |                    |
| Vibrio nigripulchritudo |  | 1     |                    |
| old name                | Beneckea nigripulchritudo                |       |                    |
| Vibrio ordalii          |  | 2     | <a href="#">PV</a> |
| Vibrio orientalis       |  | 1     |                    |
| Vibrio parahaemolyticus |  |       |                    |
| refer to                | <a href="#">Beneckea parahaemolytica</a> |       |                    |
| Vibrio parahaemolyticus |  | 2     |                    |
| equal synonym           | Beneckea parahaemolytica                 |       |                    |
| Vibrio pelagius         |  |       |                    |
| refer to                | <a href="#">Listonella pelagia</a>       |       |                    |
| Vibrio penaeicida       |  | 1     | <a href="#">PI</a> |
| Vibrio proteolyticus    |  | 1     |                    |
| old name                | Aeromonas hydrophila subsp. proteolytica |       |                    |
| Vibrio salmonicida      |  | 2     | <a href="#">PV</a> |
| Vibrio scophthalmi      |  | 1     |                    |
| Vibrio splendidus       |  | 1     |                    |
| old name                | Beneckea splendida                       |       |                    |
| Vibrio succinogenes     |  |       |                    |
| refer to                | <a href="#">Wolinella succinogenes</a>   |       |                    |
| Vibrio tapetis          |  | 1     | <a href="#">PI</a> |
| Vibrio trachuri         |  | 2     | <a href="#">PV</a> |
| Vibrio tubiashii        |  | 1     | <a href="#">PI</a> |
| Vibrio vulnificus       |  | 2     |                    |
| old name                | Beneckea vulnifica                       |       |                    |

### Virgibacillus

|                           |   |
|---------------------------|---|
| Virgibacillus carmonensis | 1 |
| Virgibacillus dokdonensis | 1 |

### Virgisporangium

|                             |   |
|-----------------------------|---|
| Virgisporangium aurantiacum | 1 |
|-----------------------------|---|

### Vitreoscilla

|                           |   |
|---------------------------|---|
| Vitreoscilla beggiatoides | 1 |
| Vitreoscilla filiformis   | 1 |
| Vitreoscilla stercoraria  | 1 |

### Vogesella

|                      |                        |
|----------------------|------------------------|
| Vogesella indigofera | 1                      |
| old name             | Pseudomonas indigofera |

### Volcaniella

|                        |                                      |
|------------------------|--------------------------------------|
| Volcaniella eurihalina |                                      |
| refer to               | <a href="#">Halomonas eurihalina</a> |

### Waddlia

|                      |   |
|----------------------|---|
| Waddlia chondrophila | 2 |
|----------------------|---|

| Name  | Group | Remarks                |
|---|-------|------------------------|
| <b>Weeksella</b>  |       |                        |
| Weeksella virosa  | 1     | <a href="#">PIIC</a>   |
| Weeksella zoohelcum<br>refer to <a href="#">Bergeyella zoohelcum</a>  |       |                        |
| <b>Weissella</b>  |       |                        |
| Weissella confusa<br>old name Lactobacillus confusus                  | 1     |                        |
| Weissella halotolerans<br>old name Lactobacillus halotolerans         | 1     |                        |
| Weissella hellenica   | 1     |                        |
| Weissella kandleri<br>old name Lactobacillus kandleri                 | 1     |                        |
| Weissella minor<br>old name Lactobacillus minor                       | 1     |                        |
| Weissella paramesenteroides<br>old name Leuconostoc paramesenteroides | 1     |                        |
| Weissella viridescens<br>old name Lactobacillus viridescens           | 1     |                        |
| <b>Wigglesworthia</b>   |       |                        |
| Wigglesworthia glossinidia  | 1     |                        |
| <b>Wolbachia</b>  |       |                        |
| Wolbachia melophagi   | 1     |                        |
| Wolbachia persica   | 1     |                        |
| Wolbachia pipientis   | 1     |                        |
| <b>Wolinella</b>  |       |                        |
| Wolinella curva<br>refer to <a href="#">Campylobacter curvus</a>      |       |                        |
| Wolinella recta<br>refer to <a href="#">Campylobacter rectus</a>      |       |                        |
| Wolinella succinogenes<br>old name Vibrio succinogenes                | 1     |                        |
| <b>Xanthobacter</b>   |       |                        |
| Xanthobacter agilis   | 1     |                        |
| Xanthobacter autotrophicus  | 1     |                        |
| Xanthobacter flavus   | 1     |                        |
| Xanthobacter tagetidis  | 1     |                        |
| <b>Xanthomonas</b>  |       |                        |
| Xanthomonas albilineans   | 1     | <a href="#">PP</a>     |
| Xanthomonas ampelina<br>refer to <a href="#">Xylophilus ampelinus</a> |       |                        |
| Xanthomonas arboricola  | 1     | <a href="#">PP</a>     |
| Xanthomonas arboricola pv. corylina                                   | 2     | <a href="#">PP QUA</a> |

| Name  | Group | Remarks                                |
|---|-------|--|
| Xanthomonas axonopodis                                | 1     | <a href="#">PP</a>                     |
| Xanthomonas axonopodis pv. phaseoli                   | 2     | <a href="#">PP</a> <a href="#">QUA</a> |
| Xanthomonas bromi                                     | 1     | <a href="#">PP</a>                     |
| Xanthomonas campestris                                | 1     | <a href="#">PP</a>                     |
| Xanthomonas campestris pv. orizicola                  | 2     | <a href="#">PP</a> <a href="#">QUA</a> |
| Xanthomonas campestris pv. oryzae                     | 2     | <a href="#">PP</a> <a href="#">QUA</a> |
| Xanthomonas cassavae                                  | 1     | <a href="#">PP</a>                     |
| Xanthomonas cissicola                                 | 1     | <a href="#">PP</a>                     |
| old name                      Pseudomonas cissicola   |       |  |
| Xanthomonas citri                                     | 2     | <a href="#">PP</a>                     |
| Xanthomonas codiaei                                   | 1     | <a href="#">PP</a>                     |
| Xanthomonas cucurbitae                                | 1     | <a href="#">PP</a>                     |
| Xanthomonas fragariae                                 | 2     | <a href="#">PP</a> <a href="#">QUA</a> |
| Xanthomonas hortorum                                  | 1     | <a href="#">PP</a>                     |
| Xanthomonas hyacinthi                                 | 1     | <a href="#">PP</a>                     |
| Xanthomonas maltophilia                               |       |  |
| refer to <a href="#">Stenotrophomonas maltophilia</a> |       |  |
| Xanthomonas melonis                                   | 1     | <a href="#">PP</a>                     |
| Xanthomonas oryzae                                    | 1     | <a href="#">PP</a>                     |
| Xanthomonas phaseoli                                  | 1     | <a href="#">PP</a>                     |
| Xanthomonas pisi                                      | 1     | <a href="#">PP</a>                     |
| Xanthomonas populi                                    | 1     | <a href="#">PP?</a>                    |
| Xanthomonas sacchari                                  | 1     | <a href="#">PP</a>                     |
| Xanthomonas theicola                                  | 1     | <a href="#">PP</a>                     |
| Xanthomonas translucens                               | 1     | <a href="#">PP</a>                     |
| Xanthomonas vasicola                                  | 1     | <a href="#">PP</a>                     |
| Xanthomonas vesicatoria                               | 1     | <a href="#">PP</a>                     |

### Xenorhabdus

|  |   |                    |
|--|---|--------------------|
| Xenorhabdus beddingii  | 1 | <a href="#">PI</a> |
| old name                      Xenorhabdus nematophilus subsp. beddingii    |   |                    |
| Xenorhabdus bovienii   | 1 | <a href="#">PI</a> |
| old name                      Xenorhabdus nematophilus subsp. bovienii     |   |                    |
| Xenorhabdus nematophilus   | 1 | <a href="#">PI</a> |
| old name                      Xenorhabdus nematophilus subsp. nematophilus |   |                    |
| Xenorhabdus nematophilus subsp. beddingii                                  |   |                    |
| refer to <a href="#">Xenorhabdus beddingii</a>                             |   |                    |
| Xenorhabdus nematophilus subsp. bovienii                                   |   |                    |
| refer to <a href="#">Xenorhabdus bovienii</a>                              |   |                    |
| Xenorhabdus nematophilus subsp. nematophilus                               |   |                    |
| refer to <a href="#">Xenorhabdus nematophilus</a>                          |   |                    |
| Xenorhabdus nematophilus subsp. poinarii                                   |   |                    |
| refer to <a href="#">Xenorhabdus poinarii</a>                              |   |                    |
| Xenorhabdus poinarii   | 1 |                    |
| old name                      Xenorhabdus nematophilus subsp. poinarii     |   |                    |



| Name   | Group | Remarks                                |
|--|-------|--|
| <b>Xylella</b>   |       |  |
| Xylella fastidiosa   | 3     | <a href="#">PP</a> <a href="#">QUA</a> |
| <b>Xylophilus</b>  |       |  |
| Xylophilus ampelinus<br>old name Xanthomonas ampelina                      | 2     | <a href="#">PP</a> <a href="#">QUA</a> |
| <b>Yersinia</b>  |       |  |
| 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<br>refer to <a href="#">Francisella philomiragia</a> |       |  |
| Yersinia pseudotuberculosis  | 2     |  |
| Yersinia pseudotuberculosis subsp. pestis                                  | 3     |  |
| Yersinia pseudotuberculosis subsp. pseudotuberculosis                      | 2     |  |
| Yersinia rohdei  | 1     | <a href="#">PIIC</a>                   |
| Yersinia ruckeri   | 2     | <a href="#">PV</a>                     |
| <b>Yokenella</b>   |       |  |
| Yokenella regensburgei<br>refer to <a href="#">Koserella trabulsii</a>     |       |  |
| <b>Zavarzinia</b>  |       |  |
| Zavarzinia compransoris  | 1     |  |
| <b>Zoogloea</b>  |       |  |
| Zoogloea ramigera  | 1     |  |
| Zoogloea resiniphila   | 1     |  |
| <b>Zymbacter</b>   |       |  |
| Zymbacter palmae   | 1     |  |
| <b>Zymomonas</b>   |       |  |
| Zymomonas mobilis  | 1     |  |
| <b>Zymophilus</b>  |       |  |
| Zymophilus paucivorans   | 1     |  |
| Zymophilus raffinovorans   | 1     |  |

## Remarks

| Mark | Description  |
|------|--|
| **   | Limited danger of transmission<br>These organisms are usually not transmitted through the respiratory tract.   |
| EHEC | Enterohemorrhagic<br>Strains such as O157:H7 or O103 (shigatoxigenic strains!). Highly pathogenic, infectious<br>dosis in human 10 organisms!  |
| EPD  | Highly contagious<br>Organisms that cause highly contagious, reportable animal epidemics (Ordinance on Epizooties Art. 2, SR 916.401). Activities with such viruses require special approval by the Swiss Federal Veterinary Office  |
| IMP  | Includes most pathogenic Escherichia coli: EPEC, ETEC, UPEC  |
| PI   | Pathogenic for invertebrates   |
| PI?  | Possible invertebrate pathogen<br>Current knowledge does not allow to decide on whether the organism is pathogenic to invertebrates.   |
| PIIC | Pathogenic in individual cases<br>Shown or suspected to be pathogens in individual cases, predominantly in people with substantial immune deficiency; identification of species is often unreliable.   |
| PP   | Plant pathogen<br>Importation of phytopathogenic fungi must be authorised by the Federal Office of Agriculture.<br>In general, phytopathogenic fungi are assigned to group 1. Strains are assigned to group 2, however, if<br>(1) their origin is outside Europe and their species is listed as an agent causing disease in plants which has to be controlled,<br>(2) they are particularly aggressive or resistant to fungicides, and/or<br>(3) they and their properties are insufficiently defined () |
| PP?  | Possible plant pathogen<br>Current knowledge does not allow to decide on whether the organism is pathogenic to plants.   |
| PV   | Pathogenic for vertebrates<br>Vertebrate pathogen; does not normally infect humans.  |
| PV?  | Possible vertebrate pathogen<br>Current knowledge does not allow to decide on whether the organism is pathogenic to vertebrates.   |
| QUA  | Quarantine organisms<br>Quarantine organisms according to the Ordinance on plant protection (RS 916.20) are subject to official control measures.<br>( )   |
| RE 1 | Regional Exemption 1<br>Regional exception: In protected areas under Annex 12 of the Plant Protection Ordinance (PlantPO), Erwinia amylovora is to be classed as a Group 3 organism.   |

|     |   |
|-----|---|
| TA  | Technical applications<br>Species from which certain strains have long been used in all safety in technical applications. |
| TMP | Classification temporary<br>Current knowledge does not allow to decide on group assignment.                               |