

A. Phylum Acidobacteria

I. Class Acidobacteria

i. Acidobacteriales

i Acidobacteriaceae

1 Acidobacterium

2 Edaphobacter

3 Terriglobus

II. Class Holophagae

i. Acanthopleuribacterales

i Acanthopleuribacteraceae

1 Acanthopleuribacter

ii. Holophagales

i Holophagaceae

1 Geothrix

2 Holophaga

B. Phylum Actinobacteria

I. Class Actinobacteria

i. Sphaerobacteridae

i Sphaerobacterales

1 Sphaerobacterineae

a Sphaerobacteraceae

i Sphaerobacter

ii. Rubrobacteridae

i Rubrobacterales

1 Rubrobacterineae

a Conexibacteraceae

i Conexibacter

b Patulibacteraceae

i Patulibacter

c Rubrobacteraceae

i Rubrobacter

d Solirubrobacteraceae

i Solirubrobacter

e Thermoleophilaceae

i Thermoleophilum

iii. Coriobacteridae

i Coriobacterales

1 Coriobacterineae

a Coriobacteriaceae

i Atopobium

ii Collinsella

iii Coriobacterium

iv Cryptobacterium

v Denitrobacterium

- vi Eggerthella
- vii Olsenella
- viii Slackia
- iv. Actinobacteridae
 - i Bifidobacteriales
 - 1 Bifidobacteriaceae
 - a Aeriscardovia
 - b Alloscardovia
 - c Bifidobacterium
 - d Gardnerella
 - e Metascardovia
 - f Parascardovia
 - g Scardovia
 - 2 Unclassified
 - ii Actinomycetales
 - 1 Streptosporangineae
 - a Thermomonosporaceae
 - i Actinocorallia
 - ii Actinomadura
 - iii Excellospora
 - iv Spirillospora
 - v Thermomonospora
 - b Nocardiosaceae
 - i Nocardiosis
 - ii Streptomonospora
 - iii Thermobifida
 - c Streptosporangiaceae
 - i Acrocarpospora
 - ii Herbidospora
 - iii Microbispora
 - iv Microtetraspora
 - v Nonomuraea
 - vi Planobispora
 - vii Planomonospora
 - viii Planotetraspora
 - ix Sphaerisporangium
 - x Streptosporangium
 - xi Thermopolyspora
 - 2 Streptomycineae
 - a Sterptomycetaceae
 - i Actinopycnidium
 - ii Actinosporangium
 - iii Chainia
 - iv Elytrosporangium

- v Kitasatoa
 - vi Kitasatospora
 - vii Microellobosporia
 - viii Streptacidiphilus
 - ix Streptomyces
 - x Streptoverticillium
- 3 Pseudonocardineae
- a Actinosynnemataceae
 - i Actinokineospora
 - ii Actinosynnema
 - iii Lechevaleria
 - iv Lentzea
 - v Saccharothrix
 - vi Umezawaea
 - b Pseudonocardiaceae
 - i Actinoalloteichus
 - ii Actinobispora
 - iii Amycolata
 - iv Amycolatopsis
 - v Crossiella
 - vi Faenia
 - vii Goodfellowia
 - viii Kibdelosporangium
 - ix Kutzneria
 - x Prauserella
 - xi Pseudoamycolata
 - xii Pseudonocardia
 - xiii Saccharomonospora
 - xiv Saccharopolyspora
 - xv Streptoalloteichus
 - xvi Thermobispora
 - xvii Thermocrispum
- 4 Propionibacterineae
- a Propionibacteriaceae
 - i Aestuariimicrobium
 - ii Arachnia
 - iii Brooklawnia
 - iv Granulicoccus
 - v Jiangella
 - vi Luteococcus
 - vii Microlunatus
 - viii Propionibacterium
 - ix Propioniferax
 - x Propionimicrobium

- xi Tessaracoccus
- b Nocardioideae
 - i Actinopolymorpha
 - ii Aeromicrobium
 - iii Friedmanniella
 - iv Hongia
 - v Kribbella
 - vi Marmoricola
 - vii Micropruina
 - viii Nocardioides
 - ix Pimelobacter
 - x Propionicicella
 - xi Propionicimonas
- 5 Micromonosporineae
 - a Micromonosporaceae
 - i Actinocatenispora
 - ii Actinoplanes
 - iii Amorphosporangium
 - iv Ampullariella
 - v Asanoa
 - vi Catellatospora
 - vii Catenuloplanes
 - viii Couchiolanes
 - ix Dactylosporangium
 - x Krasilnikovia
 - xi Longispora
 - xii Luedemannella
 - xiii Micromonospora
 - xiv Pilimelia
 - xv Planopolyspora
 - xvi Polymorphospora
 - xvii Salinispora
 - xviii Spirilliplanes
 - xix Verrucosispora
 - xx Virgisporangium
- 6 Micrococcineae
 - a Dermacoccaceae
 - i Demetria
 - ii Dermacoccus
 - iii Kytococcus
 - b Dermabacteraceae
 - i Brachybacterium
 - ii Dermabacter
 - c Cellulomonadaceae

- i Cellulomonas
 - ii Oerskovia
 - iii Tropheryma
- d Brevibacteriaceae
 - i Brevibacterium
- e Bogoriellaceae
 - i Bogoriella
- f Beutenbergiaceae
 - i Beutenbergia
 - ii Georgenia
 - iii Salana
- g Dermatophilaceae
 - i Dermatophilus
 - ii Kineosphaera
- h Intrasporangiaceae
 - i Arsenicococcus
 - ii Humihabitans
 - iii Intrasporangium
 - iv Janibacter
 - v Knoellia
 - vi Kribbia
 - vii Lapillicoccus
 - viii Ornithinicoccus
 - ix Ornithinimicrobium
 - x Oryzihumus
 - xi Serinicoccus
 - xii Terrabacter
 - xiii Terracoccus
 - xiv Tetrasphaera
- i Jonesiaceae
 - i Jonesia
- j Microbacteriaceae
 - i Agreia
 - ii Agrococcus
 - iii Agromyces
 - iv Aureobacterium
 - v Clavibacter
 - vi Cryobacterium
 - vii Curtobacterium
 - viii Frigoribacterium
 - ix Frondicola
 - x Gulosibacter
 - xi Labedella
 - xii Leifsonia

xiii Leucobacter
xiv Microbacterium
xv Microcella
xvi Mycetocola
xvii Okibacterium
xviii Plantibacter
xix Pseudoclavibacter
xx Rathayibacter
xxi Rhodoglobus
xxii Salinibacterium
xxiii Subtercola
xxiv Yonghaparkia
xxv Zimmermannella

k Micrococcaceae

i Acaricomeres
ii Arthrobacter
iii Citricoccus
iv Kocuria
v Micrococcus
vi Nesterenkonia
vii Renibacterium
viii Rothia
ix Stomatococcus
x Zhihengliuella

l Promicromonosporaceae

i Cellulosimicrobium
ii Isoptericola
iii Myceligenerans
iv Promicromonospora
v Xylanibacterium
vi Xylanimonas

m Rarobacteraceae

i Rarobacter

n Sanguibacteraceae

i Sanguibacter

o Yaniaceae

i Yania

p Unclassified

i Actinotalea
ii Demequina
iii Phycococcus
iv Ruania

7 Glycomycineae

a Glycomycetaceae

- i Glycomyces
 - ii Stackebrandtia
- 8 Frankineae
 - a Acidothermaceae
 - i Acidothermus
 - b Frankiaceae
 - i Frankia
 - c Geodermatophilaceae
 - i Blastococcus
 - ii Geodermatophilus
 - iii Modestobacter
 - d Kineosporiaceae
 - i Cryptosporangium
 - ii Kineococcus
 - iii Kineosporia
 - e Nakamurellaceae
 - i Humicoccus
 - ii Nakamurella
 - iii Quadrisphaera
 - f Sporichthyaceae
 - i Sporichthya
- 9 Corynebacterineae
 - a Tsukamurellaceae
 - i Tsukamurella
 - b Segniliparaceae
 - i Segniliparus
 - c Nocardiaceae
 - i Gordonia
 - ii Micropolyspora
 - iii Millisia
 - iv Nocardia
 - v Rhodococcus
 - vi Skermania
 - vii Williamsia
 - viii Smaragdicoccus
 - d Mycobacteriaceae
 - i Mycobacterium (含结核杆菌)
 - e Dietziaceae
 - i Dietzia
 - f Corynebacteriaceae
 - i Bacterionema
 - ii Caseobacter
 - iii Corynebacterium
 - iv Turicella

- 10 Catenulisporineae
 - a Catenulisporaceae
 - i Catenulispora
 - b Actinospicaceae
 - i Actinospica
- 11 Actinopolysporineae
 - a Actinopolysporaceae
 - i Actinopolyspora
- 12 Actinomycineae
 - a Actinomycetaceae
 - i Actinobaculum
 - ii Actinomyces
 - iii Arcanobacterium
 - iv Falcivibrio
 - v Mobiluncus
 - vi Varibaculum

v. Acidimicrobidae

- i Acidimicrobiales
 - 1 Acidimicrobineae
 - a Acidimicrobiaceae
 - i Acidimicrobium
 - b Iamiaceae
 - i Iamia

C. Phylum Aquificae

I. Class Aquificae

i. Aquificales

- i Aquificaceae
 - 1 Aquifex
 - 2 Calderobacterium
 - 3 Hydrogenivirga
 - 4 Hydrogenobacter
 - 5 Hydrogenobaculum
 - 6 Thermocrinis
- ii Desulfurobacteriaceae
 - 1 Balnearium
 - 2 Desulfurobacterium
 - 3 Thermovibrio
- iii Hydrogenothermaceae
 - 1 Hydrogenothermus
 - 2 Persephonella
 - 3 Sulfurihydrogenibium

D. Phylum Bacteroidetes

I. Class Bacteroidetes

i. Bacteroidales

- i Bacteroidaceae
 - 1 Acetomicrobium
 - 2 Anaerophaga
 - 3 Anaerorhabdus
 - 4 Bacteroides
 - 5 Pontibacter
- ii Porphyromonadaceae
 - 1 Barnesiella
 - 2 Capsularis
 - 3 Dysgonomonas
 - 4 Hallella
 - 5 Odoribacter
 - 6 Oribaculum
 - 7 Paludibacter
 - 8 Parabacteroides
 - 9 Porphyromonas
 - 10 Proteiniphilum
 - 11 Tannerella
 - 12 Xylanibacter
- iii Prevotellaceae
 - 1 Prevotella
- iv Rikenellaceae
 - 1 Alistipes
 - 2 Alkaliflexus
 - 3 Marinilabilia
 - 4 Petrimonas
- v Unclassified
 - 1 Acetofilamentum
 - 2 Acetothermus

II. Class Flavobacteria

- i. Flavobacteriales
 - i Blattabacteriaceae
 - 1 Blattabacterium
 - ii Cryomorphaceae
 - 1 Algoriphagus
 - 2 Brumimicrobium
 - 3 Crocinitomix
 - 4 Cryomorpha
 - 5 Fluviicola
 - 6 Lishizhenia
 - 7 Owenweeksia
 - iii Flavobacteriaceae
 - 1 Actibacter
 - 2 Aequorivita

3 Algibacter
4 Aquimarina
5 Arenibacter
6 Bergeyella
7 Bizionia
8 Capnocytophaga
9 Cellulophaga
10 Chryseobacterium
11 Cloacibacterium
12 Coenonia
13 Costertonia
14 Croceibacter
15 Dokdonia
16 Donghaeana
17 Elizabethkingia
18 Empedobacter
19 Epilithonimonas
20 Flaviramulus
21 Flavobacterium
22 Formosa
23 Gaetbulibacter
24 Gaetbulimicrobium
25 Galbibacter
26 Gelidibacter
27 Gillisia
28 Gilvibacter
29 Gramella
30 Kaistella
31 Kordia
32 Krokinobacter
33 Lacinutrix
34 Leeuwenhoekiella
35 Lutibacter
36 Maribacter
37 Mariniflexile
38 Marixanthomonas
39 Mesonia
40 Muricauda
41 Myroides
42 Nonlabens
43 Olleya
44 Ornithobacterium
45 Persicivirga
46 Pibocella

- 47 Polaribacter
- 48 Psychroflexus
- 49 Psychroserpens
- 50 Riemerella
- 51 Robiginitalea
- 52 Salegentibacter
- 53 Sandarakinotalea
- 54 Sediminibacter
- 55 Sediminicola
- 56 Sejongia
- 57 Stanierella
- 58 Stenothermobacter
- 59 Subsaxibacter
- 60 Subsaximicrobium
- 61 Tamlana
- 62 Tenacibaculum
- 63 Ulvibacter
- 64 Vitellibacter
- 65 Wautersiella
- 66 Weeksella
- 67 Winogradskyella
- 68 Yeosuana
- 69 Zeaxanthinibacter
- 70 Zhouia
- 71 Zobellia
- 72 Zunongwangia

III. Class Sphingobacteria

i. Sphingobacteriales

i Crenotrichaceae

- 1 Balneola
- 2 Chitinophaga
- 3 Crenothrix
- 4 Rhodothermus
- 5 Salinibacter
- 6 Terrimonas
- 7 Toxothrix

ii Flammeovirgaceae

- 1 Flammeovirga
- 2 Flexithrix
- 3 Perexilibacter
- 4 Persicobacter
- 5 Rapidithrix
- 6 Sediminitomix
- 7 Thermonema

iii Flexibacteraceae

- 1 Adhaeribacter
- 2 Aquiflexum
- 3 Arcicella
- 4 Belliella
- 5 Chimaereicella
- 6 Cyclobacterium
- 7 Cytophaga
- 8 Dyadobacter
- 9 Echinicola
- 10 Effluviibacter
- 11 Emticicia
- 12 Fabibacter
- 13 Flectobacillus
- 14 Flexibacter
- 15 Hongiella
- 16 Hymenobacter
- 17 Larkinella
- 18 Leadbetterella
- 19 Marinicola
- 20 Meniscus
- 21 Microscilla
- 22 Niastella
- 23 Persicitalea
- 24 Reichenbachiella
- 25 Rhodonellum
- 26 Roseivirga
- 27 Runella
- 28 Spirosoma
- 29 Sporocytophaga

iv Saprospiraceae

- 1 Aureispira
- 2 Haliscomenobacter
- 3 Lewinella
- 4 Saprospira

v Sphingobacteriaceae

- 1 Mucilagibacter
- 2 Olivibacter
- 3 Parapedobacter
- 4 Pedobacter
- 5 Pseudosphingobacterium
- 6 Sphingobacterium

vi Unclassified

1 Niabella

IV. Unclassified Class

i. Flavisolibacter

ii. Fulvivirga

iii. Prolixibacter

iv. Segetibacter

E. Phylum Chlamydiae

I. Class Chlamydiae

i. Chlamydiales

i Chlamydiaceae

1 Chlamydia

2 Chlamydophila

ii Parachlamydiaceae

1 Neochlamydia

2 Parachlamydia

iii Simkaniaceae

1 Simkania

2 Rhabdochlamydia

iv Waddliaceae

1 Waddlia

F. Phylum Chlorobi

I. Class Chlorobia

i. Chlorobiales

i Chlorobiaceae

1 Ancalochloris

2 Chlorobaculum

3 Chlorobium

4 Chloroherpeton

5 Pelodictyon

6 Prosthecochloris

G. Phylum Chloroflexi

I. Class Anaerolineae

i. Anaerolineales

i Anaerolineaceae

1 Anaerolinea

2 Bellilinea

3 Leptolinea

4 Levilinea

5 Longilinea

II. Class Caldilineae

i. Caldilineales

i Caldilineaceae

1 Caldilinea

III. Class Chloroflexi

i. Chloroflexales

i Chloroflexaceae

1 Chloroflexus

2 Chloronema

3 Heliothrix

4 Roseiflexus

ii Oscillochloridaceae

1 Oscillochloris

ii. Herpetosiphonales

i Herpetosiphonaceae

1 Herpetosiphon

H. Phylum Chrysiogenetes

I. Class Chrysiogenetes

i. Chrysiogenales

i Chrysiogenaceae

1 Chrysiogenes

I. Phylum Deferribacteres

I. Class Deferribacteres

i. Deferribacterales

i Unclassified

1 Caldithrix

2 Synergistes

ii Deferribacteraceae

1 Deferribacter

2 Denitrovibrio

3 Flexistipes

4 Geovibrio

5 Mucispirillum

J. Phylum Deinococcus-Thermus

I. Class Deinococci

i. Deinococcales

i Deinococcaceae

1 Deinobacter

2 Deinococcus

ii. Thermales

i Thermaceae

1 Marinithermus

2 Meiothermus

3 Oceanithermus

4 Thermus

5 Vulcanithermus

K. Phylum Dictyoglomi

I. Class Dictyoglomi

- i. Dictyoglomales
 - i Dictyoglomaceae
 - 1 Dictyoglomus
- L. Phylum Fibrobacteres
 - I. Class Fibrobacteres
 - i. Fibrobacterales
 - i Fibrobacteraceae
 - 1 Fibrobacter
- M. Phylum Firmicutes
 - I. Class Bacilli
 - i. Bacillales
 - i Alicyclobacillaceae
 - 1 Alicyclobacillus
 - 2 Pasteuria
 - 3 Sulfobacillus
 - ii Bacillaceae
 - 1 Alkalibacillus
 - 2 Amphibacillus
 - 3 Anoxybacillus
 - 4 Bacillus
 - 5 Caldalkalibacillus
 - 6 Cerasibacillus
 - 7 Exiguobacterium
 - 8 Filobacillus
 - 9 Geobacillus
 - 10 Gracilibacillus
 - 11 Halalkalibacillus
 - 12 Halobacillus
 - 13 Haloactibacillus
 - 14 Jeotgalibacillus
 - 15 Lentibacillus
 - 16 Lysinibacillus
 - 17 Marinibacillus
 - 18 Oceanobacillus
 - 19 Ornithinibacillus
 - 20 Paraliobacillus
 - 21 Paucisalibacillus
 - 22 Pelagibacillus
 - 23 Piscibacillus
 - 24 Pontibacillus
 - 25 Saccharococcus
 - 26 Salibacillus
 - 27 Salimicrobium
 - 28 Salinibacillus

- 29 Salirhabdus
- 30 Sasuginibacillus
- 31 Tenuibacillus
- 32 Terribacillus
- 33 Thalassobacillus
- 34 Ureibacillus
- 35 Virgibacillus
- 36 Vulcanibacillus
- iii Caryophanaceae
 - 1 Caryophanon
- iv Listeriaceae
 - 1 Brochothrix
 - 2 Listeria
- v Paenibacillaceae
 - 1 Ammoniphilus
 - 2 Aneurinibacillus
 - 3 Brevibacillus
 - 4 Cohnella
 - 5 Oxalophagus
 - 6 Paenibacillus
 - 7 Thermicanus
 - 8 Thermobacillus
- vi Planococcaceae
 - 1 Filibacter
 - 2 Kurthia
 - 3 Planococcus
 - 4 Planomicrobium
 - 5 Sporosarcina
- vii Sporolactobacillaceae
 - 1 Marinococcus
 - 2 Sinococcus
 - 3 Sporolactobacillus
 - 4 Tuberibacillus
- viii Staphylococcaceae
 - 1 Gemella
 - 2 Joetgalicoccus
 - 3 Macrooccus
 - 4 Salinicoccus
 - 5 Staphylococcus
- ix Thermoactinomycetaceae
 - 1 Laceyella
 - 2 Mechercharimyces
 - 3 Planifilum
 - 4 Seinonella

- 5 Shimazuella
- 6 Thermoactinomyces
- 7 Thermoflavimicrobium
- x Turicibacteraceae
 - 1 Turicibacter
- xi Unclassified
 - 1 Pullulanibacillus
- ii. Lactobacillales
 - i Aerococcaceae
 - 1 Abiotrophia
 - 2 Aerococcus
 - 3 Dolosicoccus
 - 4 Eremococcus
 - 5 Facklamia
 - 6 Globicatella
 - 7 Ignavigranum
 - ii Carnobacteriaceae
 - 1 Agitococcus
 - 2 Alkalibacterium
 - 3 Allofustis
 - 4 Alloiococcus
 - 5 Atopococcus
 - 6 Atopostipes
 - 7 Carnobacterium
 - 8 Desemzia
 - 9 Dolosigranulum
 - 10 Granulicatella
 - 11 Isobaculum
 - 12 Lactosphaera
 - 13 Marinilactibacillus
 - 14 Trichococcus
 - iii Enterococcaceae
 - 1 Atopobacter
 - 2 Catellicoccus
 - 3 Enterococcus
 - 4 Melissococcus
 - 5 Pilibacter
 - 6 Tetragenococcus
 - 7 Vagococcus
 - iv Lactobacillaceae
 - 1 Lactobacillus
 - 2 Paralactobacillus
 - 3 Pediococcus

v Leuconostocaceae

- 1 Leuconostoc
- 2 Oenococcus
- 3 Weissella

vi Oscillospiraceae

- 1 Oscillibacter
- 2 Oscillospira

vii Streptococcaceae

- 1 Lactococcus
- 2 Lactovum
- 3 Streptococcus

viii Unclassified

- 1 Acetoanaerobium
- 2 Syntrophococcus

II. Class Clostridia

i. Clostridiales

i Clostridiaceae

- 1 Acetanaerobacterium
- 2 Acetivibrio
- 3 Acidaminobacter
- 4 Alkaliphilus
- 5 Anaerobacter
- 6 Anaerotruncus
- 7 Anoxynatronum
- 8 Bryantella
- 9 Caloramator
- 10 Caloranaerobacter
- 11 Caminicella
- 12 Clostridiisalibacter
- 13 Clostridium
- 14 Coprobacillus
- 15 Dorea
- 16 Ethanoligenens
- 17 Faecalibacterium
- 18 Fastidiosipila
- 19 Garciella
- 20 Gracilibacter
- 21 Guggenheimella
- 22 Hespellia
- 23 Natronincola
- 24 Oxobacter
- 25 Parasporobacterium
- 26 Sarcina
- 27 Soehngenia

- 28 Sporacetigenium
- 29 Sporobacter
- 30 Subdoligranulum
- 31 Tepidibacter
- 32 Tepidimicrobium
- 33 Thermobrachium
- 34 Thermohalobacter
- 35 Tindallia

ii Eubacteriaceae

- 1 Acetobacterium
- 2 Alkalibacter
- 3 Anaerofustis
- 4 Anaerovorax
- 5 Eubacterium
- 6 Mogibacterium
- 7 Pseudoramibacter

iii Heliobacteriaceae

- 1 Heliobacillus
- 2 Heliobacterium
- 3 Heliophilum
- 4 Heliorestis

iv Lachnospiraceae

- 1 Acetitomaculum
- 2 Anaerofilum
- 3 Anaerostipes
- 4 Butyrivibrio
- 5 Catenibacterium
- 6 Catonella
- 7 Coprococcus
- 8 Johnsonella
- 9 Lachnobacterium
- 10 Lachnospira
- 11 Moryella
- 12 Oribacterium
- 13 Pseudobutyrvibrio
- 14 Roseburia
- 15 Ruminococcus
- 16 Shuttleworthia
- 17 Sporobacterium

v Peptococcaceae

- 1 Carboxydotherrmus
- 2 Cryptanaerobacter
- 3 Dehalobacter
- 4 Desulfitobacterium

- 5 Desulfonispora
- 6 Desulfosporosinus
- 7 Desulfotomaculum
- 8 Pelotomaculum
- 9 Peptococcus
- 10 Syntrophobotulus
- 11 Thermincola
- 12 Thermoterrabacterium
- vi Peptostreptococcaceae
 - 1 Anaerococcus
 - 2 Filifactor
 - 3 Finegoldia
 - 4 Fusibacter
 - 5 Gallicola
 - 6 Helcococcus
 - 7 Parvimonas (原名 Micromonas)
 - 8 Peptoniphilus
 - 9 Peptostreptococcus
 - 10 Sedimentibacter
 - 11 Sporanaerobacter
 - 12 Tissierella
- vii Syntrophomonadaceae
 - 1 Aminiphilus
 - 2 Aminobacterium
 - 3 Aminomonas
 - 4 Anaerobaculum
 - 5 Anaerobranca
 - 6 Caldicellulosiruptor
 - 7 Carboxydocella
 - 8 Dethiosulfovibrio
 - 9 Pelospora
 - 10 Syntrophomonas
 - 11 Syntrophospora
 - 12 Syntrophothermus
 - 13 Thermaerobacter
 - 14 Thermanaerovibrio
 - 15 Thermohydrogenium
 - 16 Thermosyntropha
 - 17 Thermovirga
- viii Veillonellaceae
 - 1 Acetonema
 - 2 Acidaminococcus
 - 3 Allisonella
 - 4 Anaeroarcus

- 5 Anaeroglobus
- 6 Anaeromusa
- 7 Anaerosinus
- 8 Anaerovibrio
- 9 Centipeda
- 10 Dendrosporobacter
- 11 Dialister
- 12 Megamonas
- 13 Megasphaera
- 14 Mitsuokella
- 15 Papillibacter
- 16 Pectinatus
- 17 Pelosinus
- 18 Phascolarctobacterium
- 19 Propionispira
- 20 Propionispora
- 21 Quinella
- 22 Schwartzia
- 23 Selenomonas
- 24 Sporomusa
- 25 Sporotalea
- 26 Succiniclasticum
- 27 Succinispira
- 28 Thermosinus
- 29 Veillonella
- 30 Zymophilus

ix Unclassified

- 1 Anaerovirgula
- 2 Dethiosulfatibacter
- 3 Geosporobacter
- 4 Howardella
- 5 Proteiniborus

ii. Halanaerobiales

i Halanaerobiaceae

- 1 Halanaerobium
- 2 Halocella
- 3 Haloincola
- 4 Halothermothrix

ii Halobacteroidaceae

- 1 Acetohalobium
- 2 Halanaerobacter
- 3 Halobacteroides
- 4 Halonatronum
- 5 Natroniella

- 6 Orenia
- 7 Selenihalanaerobacter
- 8 Sporohalobacter
- iii. Natranaerobiales
 - i Natranaerobiaceae
 - 1 Natranaerobius
- iv. Thermoanaerobacteriales
 - i Thermoanaerobacteriaceae
 - ii Thermodesulfobiaceae
- v. Unclassified
 - i Desulfitibacter
 - ii Symbiobacterium
- III. Class Thermolithobacteria
 - i. Thermolithobacterales
 - i Thermolithobacteraceae
 - 1 Thermolithobacter
- N. Phylum Fusobacteria
 - I. Class Fusobacteria
 - i. Fusobacteriales
 - i Fusobacteriaceae
 - 1 Fusobacterium
 - 2 Ilyobacter
 - 3 Leptotrichia
 - 4 Propionigenium
 - 5 Sealdella
 - 6 Sneathia
 - 7 Streptobacillus
 - ii Unclassified
 - 1 Cetobacterium
- O. Phylum Gemmatimonadetes
 - I. Class Gemmatimonadetes
 - i. Gemmatimonadales
 - i Gemmatimonadaceae
 - 1 Gemmatimonas
- P. Phylum Lentisphaerae
 - I. Class Lentisphaerae
 - i. Lentisphaerales
 - i Lentisphaeraceae
 - 1 Lentisphaera
 - ii. Victivallales
 - i Victivallaceae
 - 1 Victivallis
- Q. Phylum Nitrospirae
 - I. Class Nitrospira

- i. Nitrospirales
 - i Nitrospiraceae
 - 1 Leptospirillum
 - 2 Nitrospira
 - 3 Magnetobacterium *
 - 4 Thermodesulfobacterium

R. Phylum Planctomycetes

I. Class Planctomycetacia

- i. Planctomycetales
 - i Planctomycetaceae
 - 1 Blastopirellula
 - 2 Gemmata
 - 3 Isosphaera
 - 4 Pirellula
 - 5 Planctomycetes
 - 6 Rhodopirellula
 - 7 Schlesneria
 - ii Unclassified
 - 1 Brocadia
 - 2 Kuenenia
 - 3 Scalindua

S. Phylum Proteobacteria

I. Class Alphaproteobacteria

- i. Caulobacterales
- ii. Kordiimonadales
- iii. Parvularculales
- iv. Rhizobiales
 - i Aurantimonadaceae
 - 1 Aurantimonas
 - 2 Fulvimarina
 - 3 Martelella
 - ii Bartonellaceae
 - 1 Bartonella
 - 2 Grahamella
 - 3 Rochalimaea
 - iii Beijerinckiaceae
 - 1 Beijerinckia
 - 2 Chelatococcus
 - 3 Methylocapsa
 - 4 Methylocella
 - iv Bradyrhizobiaceae
 - 1 Afipia
 - 2 Agromonas
 - 3 Balneimonas

- 4 Blastobacter
- 5 Bosea
- 6 Bradyrhizobium
- 7 Nitrobacter
- 8 Oligotropha
- 9 Rhodoblastus
- 10 Rhodopseudomonas

v Brucellaceae

- 1 Brucella
- 2 Crabtreeella
- 3 Daeguia
- 4 Mycoplana
- 5 Ochrobactrum
- 6 Pseudochrobactrum

vi Cohaesibacteraceae

- 1 Cohaesibacter

vii Hyphomicrobiaceae

- 1 Ancalomicrobium
- 2 Angulomicrobium
- 3 Aquabacter
- 4 Blastochloris
- 5 Devosia
- 6 Dichotomicrobium
- 7 Filomicrobium
- 8 Gemmiger
- 9 Hyphomicrobium
- 10 Methylophabdomus
- 11 Pedomicrobium
- 12 Prosthecomicrobium
- 13 Rhodomicrobium
- 14 Rhodoplanes
- 15 Seliberia

viii Methylobacteriaceae

- 1 Meganema
- 2 Methylobacterium
- 3 Microvirga
- 4 Protomonas

ix Methylocystaceae

- 1 Albibacter
- 2 Methylocystis
- 3 Methylopila
- 4 Methylosinus
- 5 Pleomorphomonas
- 6 Terasakiella

- x Phyllobacteriaceae
 - 1 Aminobacter
 - 2 Aquamicrobium
 - 3 Defluvibacter
 - 4 Hoeflea
 - 5 Mesorhizobium
 - 6 Nitratreductor
 - 7 Phyllobacterium
 - 8 Pseudaminobacter
- xi Rhizobiaceae
 - 1 Agrobacterium
 - 2 Allorhizobium
 - 3 Carbophilus
 - 4 Chelatobacter
 - 5 Ensifer
 - 6 Kaistia
 - 7 Liberibacter *
 - 8 Rhizobium
 - 9 Sinorhizobium
- xii Rhodobiaceae
 - 1 Anderseniella
 - 2 Parvibaculum
 - 3 Rhodobium
 - 4 Roseospirillum
- xiii Xanthobacteraceae
 - 1 Ancylobacter
 - 2 Azorhizobium
 - 3 Labrys
 - 4 Pseudolabrys
 - 5 Starkeya
 - 6 Xanthobacter
- xiv Unclassified
 - 1 Sneathiella
- v. Rhodobacterales
 - i Hyphomonadaceae
 - 1 Hirschia
 - 2 Hyphomonas
 - 3 Maricaulis
 - 4 Oceanicaulis
 - 5 Robiginitomaculum
 - ii Rhodobacteraceae
 - 1 hrensia
 - 2 Albidovulum

3 Amaricoccus
4 Antarctobacter
5 Catellibacterium
6 Citreicella
7 Citreimonas
8 Dinoroseobacter
9 Donghicola
10 Gemmobacter
11 Haematobacter
12 Jannaschia
13 Ketogulonicigenium
14 Labrenzia
15 Leisingera
16 Loktanella
17 Maribius
18 Marinovum
19 Maritimibacter
20 Methyларcula
21 Nereida
22 Nesiotobacter
23 Oceanibulbus
24 Oceanicola
25 Octadecabacter
26 Palleronia
27 Pannonibacter
28 Paracoccus
29 Pelagibaca
30 Phaeobacter
31 Pseudorhodobacter
32 Pseudovibrio
33 Rhodobaca
34 Rhodobacter
35 Rhodothalassium
36 Rhodovulum
37 Roseibacterium
38 Roseibium
39 Roseicyclus
40 Roseinatronobacter
41 Roseisalinus
42 Roseivivax
43 Roseobacter
44 Roseovarius
45 Rubellimicrobium
46 Rubrimonas

- 47 Ruegeria
- 48 Sagittula
- 49 Salipiger
- 50 Shimia
- 51 Silicibacter
- 52 Staleyia
- 53 Stappia
- 54 Sulfitobacter
- 55 Tateyamaria
- 56 Thalassobacter
- 57 Thalassobius
- 58 Thalassococcus
- 59 Thioclava
- 60 Thiosphaera
- 61 Wenxinia
- 62 Woodsholea
- 63 Yangia

vi. Rhodospirillales

i Acetobacteraceae

- 1 Acetobacter
- 2 Acidicaldus
- 3 Acidiphilium
- 4 Acidisphaera
- 5 Acidocella
- 6 Acidomonas
- 7 Asaia
- 8 Belnapia
- 9 Craurococcus
- 10 Gluconacetobacter
- 11 Gluconobacter
- 12 Granulibacter
- 13 Komagataeibacter
- 14 Kozakia
- 15 Muricoccus
- 16 Neoasaia
- 17 Paracraurococcus
- 18 Rhodopila
- 19 Rhodovarius
- 20 Roseococcus
- 21 Roseomonas
- 22 Rubritepida
- 23 Saccharibacter
- 24 Stella
- 25 Swaminathania

- 26 Teichococcus
- 27 Zavarzinia
- ii Rhodospirillaceae
 - 1 Azospirillum
 - 2 Conglomeromonas
 - 3 Defluviococcus
 - 4 Inquilinus
 - 5 Magnetospirillum
 - 6 Phaeospirillum
 - 7 Rhodocista
 - 8 Rhodospira
 - 9 Rhodospirillum
 - 10 Rhodovibrio
 - 11 Roseospira
 - 12 Skermanella
 - 13 Telmatospirillum
 - 14 Thalassospira
 - 15 Tistrella
- vii. Rickettsiales
 - i Anaplasmataceae
 - 1 egyptianella
 - 2 Anaplasma
 - 3 Cowdria
 - 4 Ehrlichia
 - 5 Neorickettsia
 - 6 Wolbachia
 - 7 Xenohalotis
 - ii Holosporaceae
 - 1 Holospora
 - iii Rickettsiaceae
 - 1 Orientia
 - 2 Rickettsia
 - iv SAR 11
 - 1 Pelagibacter
 - v Unclassified
 - 1 Lyticum
 - 2 Odysella *
 - 3 Pseudocaedibacter
 - 4 Symbiotes
 - 5 Tectibacter
- viii. Sphingomonadales
 - i Erythrobacteraceae
 - 1 Altererythrobacter
 - 2 Erythrobacter

- 3 Erythromicrobium
- 4 Porphyrobacter
- ii Sphingomonadaceae
 - 1 Blastomonas
 - 2 Citromicrobium *
 - 3 Erythromonas
 - 4 Novosphingobium
 - 5 Sandaracinobacter
 - 6 Sandaracinorhabdus)
 - 7 Sphingobium
 - 8 Sphingomonas
 - 9 Sphingopyxis
 - 10 Sphingosinicella
 - 11 Zymomonas
- ix. Unclassified
 - i Albimonas
 - ii Caenispirillum
 - iii Insolitispirillum
 - iv Novispirillum
- II. Class Betaproteobacteria
 - i. Burkholderiales
 - i Alcaligenaceae
 - 1 Achromobacter
 - 2 Advenella
 - 3 Alcaligenes
 - 4 Azohydromonas
 - 5 Bordetella
 - 6 Brackiella
 - 7 Castellaniella
 - 8 Derxia
 - 9 Kerstersia
 - 10 Oligella
 - 11 Pelistega
 - 12 Pigmentiphaga
 - 13 Pusillimonas
 - 14 Sutterella
 - 15 Taylorella
 - 16 Tetrathiobacter
 - ii Burkholderiaceae
 - 1 Burkholderia
 - 2 Chitinimonas
 - 3 Cupriavidus
 - 4 Lautropia
 - 5 Limnobacter

- 6 Pandoraea
- 7 Paucimonas
- 8 Polynucleobacter
- 9 Ralstonia
- 10 Thermoithrix
- 11 Wautersia

iii Comamonadaceae

- 1 Acidovorax
- 2 Alcyliphilus
- 3 Brachymonas
- 4 Caenibacterium
- 5 Caldimonas
- 6 Comamonas
- 7 Curvibacter
- 8 Delftia
- 9 Diaphorobacter
- 10 Giesbergeria
- 11 Hydrogenophaga
- 12 Hylemonella
- 13 Lampropedia
- 14 Macromonas
- 15 Malikia
- 16 Ottowia
- 17 Pelomonas
- 18 Polaromonas
- 19 Ramlibacter
- 20 Rhodoferax
- 21 Schlegelella
- 22 Simplicispira
- 23 Variovorax
- 24 Xenophilus

iv Oxalobacteraceae

- 1 Collimonas
- 2 Duganella
- 3 Herbaspirillum
- 4 Herminiimonas
- 5 Janthinobacterium
- 6 Massilia
- 7 Naxibacter
- 8 Oxalicibacterium
- 9 Oxalobacter
- 10 Telluria
- 11 Undibacterium

v Unclassified

- 1 Aquabacterium
- 2 Aquincola
- 3 Ideonella
- 4 Leptothrix
- 5 Methylibium
- 6 Mitsuraria
- 7 Paucibacter
- 8 Roseateles
- 9 Rubrivivax
- 10 Sphaerotilus
- 11 Tepidicella
- 12 Tepidimonas
- 13 Thiobacter
- 14 Thiomonas
- 15 Xylophilus

ii. Hydrogenophilales

i Hydrogenophilaceae

- 1 Hydrogenophilus
- 2 Petrobacter
- 3 Tepidiphilus
- 4 Thiobacillus

iii. Methylophilales

i Methylophilaceae

- 1 Methylobacillus
- 2 Methylophilus
- 3 Methylothermus
- 4 Methylovorus

iv. Neisseriales

i Neisseriaceae

- 1 Alysia
- 2 Andreprevotia
- 3 Aquaspirillum
- 4 Aquitalea
- 5 Bergeriella
- 6 Chitinibacter
- 7 Chitinilyticum
- 8 Chromobacterium
- 9 Conchiformibius
- 10 Deefgea
- 11 Eikenella
- 12 Formivibrio
- 13 Gulbenkiana
- 14 Iodobacter
- 15 Kingella

- 16 Laribacter
- 17 Leeia
- 18 Microvirgula
- 19 Morococcus
- 20 Neisseria
- 21 Paludibacterium
- 22 Prolinoborus
- 23 Silvimonas
- 24 Simonsiella
- 25 Uruburuella
- 26 Vitreoscilla
- 27 Vogesella
- v. Nitrosomonadales
 - i Gallionellaceae
 - 1 Gallionella
 - ii Nitrosomonadaceae
 - 1 Nitrosolobus
 - 2 Nitrosomonas
 - 3 Nitrosospira
 - iii Spirillaceae
 - 1 Spirillum
- vi. Procabacteriales
 - i Procabacteriaceae
 - 1 Procabacter
- vii. Rhodocyclales
 - i Rhodocyclaceae
 - 1 Azoarcus
 - 2 Azonexus
 - 3 Azospira
 - 4 Azovibrio
 - 5 Dechloromonas
 - 6 Dechlorosoma
 - 7 Denitratisoma
 - 8 Ferribacterium
 - 9 Methyloversatilis
 - 10 Propionibacter
 - 11 Propionivibrio
 - 12 Quatrionicoccus
 - 13 Rhodocyclus
 - 14 Shinella
 - 15 Sterolibacterium
 - 16 Thauera
 - 17 Uliginosibacterium
 - 18 Zoogloea

- III. Class Deltaproteobacteria
 - i. Bdellovibrionales
 - i Bacteriovoraceae
 - 1 Bacteriovorax
 - 2 Peredibacter
 - ii Bdellovibrionaceae
 - 1 Bdellovibrio
 - 2 Micavibrio
 - 3 Vampirovibrio
 - ii. Desulfarculales
 - i Desulfarculaceae
 - 1 Desulfarculus
 - iii. Desulfobacterales
 - i Desulfobacteraceae
 - 1 Desulfatibacillum
 - 2 Desulfatiferula
 - 3 Desulfatirhabdium
 - 4 Desulfobacter
 - 5 Desulfobacterium
 - 6 Desulfobacula
 - 7 Desulfobotulus *
 - 8 Desulfocella
 - 9 Desulfococcus
 - 10 Desulfofaba
 - 11 Desulfofrigus
 - 12 Desulfomusa
 - 13 Desulfonema
 - 14 Desulforegula
 - 15 Desulfosarcina
 - 16 Desulfospira
 - 17 Desulfotignum
 - ii Desulfobulbaceae
 - 1 Desulfobulbus
 - 2 Desulfocapsa
 - 3 Desulfofustis
 - 4 Desulfopila
 - 5 Desulforhopalus
 - 6 Desulfotalea
 - iii Nitrospinaceae
 - 1 Nitrospina
 - iv. Desulfovibrionales
 - i Desulfohalobiaceae
 - 1 Desulfohalobium
 - 2 Desulfonatronovibrio

- 3 Desulfonauticus
- 4 Desulfothermus
- 5 Desulfovermiculus
- ii Desulfomicrobiaceae
 - 1 Desulfomicrobium
- iii Desulfonatronaceae
 - 1 Desulfonatronum
- iv Desulfovibrionaceae
 - 1 Bilophila
 - 2 Desulfomonas
 - 3 Desulfovibrio
- v. Desulfurellales
 - i Desulfurellaceae
 - 1 Desulfurella
 - 2 Hippea
- vi. Desulfuromonadales
 - i Desulfuromonadaceae
 - 1 Desulfuromonas
 - 2 Desulfuromusa
 - 3 Malonomonas
 - 4 Pelobacter
 - ii Geobacteraceae
 - 1 Geoalkalibacter
 - 2 Geobacter
 - 3 Geopsychrobacter
 - 4 Geothermobacter
 - 5 Trichlorobacter
- vii. Myxococcales
 - i Cystobacterineae
 - 1 Cystobacteraceae
 - a Anaeromyxobacter
 - b Archangium
 - c Cystobacter
 - d Hyalangium
 - e Melittangium
 - f Stigmatella
 - 2 Myxococcaceae
 - a Angiococcus
 - b Coralloccoccus
 - c Myxococcus
 - d Pyxidicoccus
 - ii Nannocystineae
 - 1 Haliangiaceae
 - a Haliangium

- 2 Kofleriaceae
 - a Kofleria
- 3 Nannocystaceae
 - a Enhygromyxa
 - b Nannocystis
 - c Plesiocystis
- iii Sorangineae
 - 1 Polyangiaceae
 - a Byssovorax
 - b Chondromyces
 - c Haploangium *
 - d Jahnella
 - e Polyangium
 - f Sorangium
- viii. Syntrophobacterales
 - i Syntrophaceae
 - 1 Desulfobacca
 - 2 Desulfomonile
 - 3 Smithella
 - 4 Syntrophus
 - ii Syntrophobacteraceae
 - 1 Desulfacinum
 - 2 Desulfoglaeba
 - 3 Desulforhabdus
 - 4 Desulfovirga
 - 5 Syntrophobacter
 - 6 Thermodesulforhabdus
- IV. Class Epsilonproteobacteria
 - i. Campylobacterales
 - i Campylobacteraceae
 - 1 Arcobacter
 - 2 Campylobacter
 - 3 Dehalospirillum
 - 4 Sulfurospirillum
 - ii Helicobacteraceae
 - 1 Helicobacter
 - 2 Sulfuricurvum
 - 3 Sulfurimonas
 - 4 Sulfurovum
 - 5 Thiovulum
 - 6 Wolinella
 - iii Hydrogenimonadaceae
 - 1 Hydrogenimonas
 - ii. Nautiliales

- i Nautiliaceae
 - 1 Caminibacter
 - 2 Lebetimonas
 - 3 Nautilia
 - 4 Nitratifractor
 - 5 Nitratiruptor
 - 6 Thioreductor

V. Class Phylum Gammaproteobacteria

- i. Acidithiobacillales
 - i Acidithiobacillaceae
 - 1 Acidithiobacillus
 - ii Thermithiobacillaceae
 - 1 Thermithiobacillus
- ii. Aeromonadales
 - i Aeromonadaceae
 - 1 Aeromonas
 - 2 Oceanimonas
 - 3 Oceanisphaera
 - 4 Tolumonas
 - 5 Zobellella
 - ii Succinivibrionaceae
 - 1 Anaerobiospirillum
 - 2 Ruminobacter
 - 3 Succinimonas
 - 4 Succinivibrio
- iii. Alteromonadales
 - i Alteromonadaceae
 - 1 Aestuariibacter
 - 2 Agarivorans
 - 3 Alishewanella
 - 4 Alteromonas
 - 5 Glacielcola
 - 6 Marinimicrobium
 - 7 Marinobacter
 - 8 Marinobacterium
 - 9 Microbulbifer
 - 10 Saccharophagus
 - 11 Salinimonas
 - ii Colwelliaceae
 - 1 Colwellia
 - 2 Thalassomonas
 - iii Ferrimonadaceae
 - 1 Ferrimonas
 - 2 Paraferrimonas

- iv Idiomarinaceae
 - 1 Idiomarina
 - 2 Pseudidiomarina
- v Moritellaceae
 - 1 Moritella
- vi Pseudoalteromonadaceae
 - 1 Algicola
 - 2 Pseudoalteromonas
- vii Psychromonadaceae
 - 1 Psychromonas
- viii Shewanellaceae
 - 1 Shewanella
- ix Unclassified
 - 1 Teredinibacter
 - 2 Endobugula
- iv. Cardiobacteriales
 - i Cardiobacteriaceae
 - 1 Cardiobacterium
 - 2 Dichelobacter
 - 3 Suttonella
- v. Chromatiales
 - i Chromatiaceae
 - 1 Allochromatium
 - 2 Amoebobacter
 - 3 Chromatium
 - 4 Halochromatium
 - 5 Isochromatium
 - 6 Lamprobacter
 - 7 Lamprocystis
 - 8 Marichromatium
 - 9 Nitrosococcus
 - 10 Pfennigia
 - 11 Rhabdochromatium
 - 12 Rheinheimera
 - 13 Thermochromatium
 - 14 Thioalkalicoccus
 - 15 Thiobaca
 - 16 Thiocapsa
 - 17 Thiococcus
 - 18 Thiocystis
 - 19 Thiodictyon
 - 20 Thioflavicoccus
 - 21 Thiohalocapsa
 - 22 Thiolamprovum

- 23 Thiopedia
- 24 Thiorhodococcus
- 25 Thiorhodovibrio
- 26 Thiospirillum
- ii Ectothiorhodospiraceae
 - 1 Alkalilimnicola
 - 2 Alkalispirillum
 - 3 Aquisalimonas
 - 4 Arhodomonas
 - 5 Ectothiorhodosinus
 - 6 Ectothiorhodospira
 - 7 Halorhodospira
 - 8 Natronocella
 - 9 Nitrococcus
 - 10 Thioalkalispira
 - 11 Thiialkalivibrio
 - 12 Thiorhodospira
- iii Granulosicoccaceae
 - 1 Granulosicoccus
- iv Halothiobacillaceae
 - 1 Halothiobacillus
 - 2 Thiovirga
- vi. Enterobacteriales
 - i Enterobacteriaceae
 - 1 Arsenophonus
 - 2 Brenneria
 - 3 Buchnera
 - 4 Budvicia
 - 5 Buttiauxella
 - 6 Calymmatobacterium
 - 7 Cedecea
 - 8 Citrobacter
 - 9 Dickeya
 - 10 Edwardsiella
 - 11 Enterobacter
 - 12 Erwinia
 - 13 Escherichia
 - 14 Ewingella
 - 15 Hafnia
 - 16 Klebsiella
 - 17 Kluyvera
 - 18 Leclercia
 - 19 Leminorella
 - 20 Levinea

- 21 Moellerella
- 22 Morganella
- 23 Obesumbacterium
- 24 Pantoea
- 25 Pectobacterium
- 26 Phlomobacter *
- 27 Photorhabdus
- 28 Plesiomonas
- 29 Pragia
- 30 Proteus
- 31 Providencia
- 32 Rahnella
- 33 Raoultella
- 34 Saccharobacter
- 35 Salmonella
- 36 Samsonia
- 37 Serratia
- 38 Shigella
- 39 Sodalis
- 40 Tatumella
- 41 Thorsellia
- 42 Trabulsiella
- 43 Wigglesworthia
- 44 Xenorhabdus
- 45 Yersinia
- 46 Yokenella

vii. Legionellales

i Coxiellaceae

- 1 Aquicella
- 2 Coxiella
- 3 Rickettsiella

ii Legionellaceae

- 1 Fluoribacter
- 2 Legionella
- 3 Sarcobium
- 4 Tatlockia

viii. Methylococcales

i Methylococcaceae

- 1 Methylobacter
- 2 Methylocaldum
- 3 Methylococcus
- 4 Methylohalobius
- 5 Methylomicrobium
- 6 Methylomonas

- 7 Methylosarcina
- 8 Methylosoma
- 9 Methylosphaera
- 10 Methylothermus

ix. Oceanospirillales

i Alcanivoraceae

- 1 Alcanivorax
- 2 Fundibacter
- 3 Kangiella

ii Hahellaceae

- 1 Endozoicomonas
- 2 Hahella
- 3 Halospina
- 4 Zooshikella

iii Halomonadaceae

- 1 Carnimonas
- 2 Chromohalobacter
- 3 Cobetia
- 4 Deleya
- 5 Halomonas
- 6 Halotalea
- 7 Halovibrio
- 8 Modicisalibacter
- 9 Salicola
- 10 Volcaniella
- 11 Zymobacter

iv Litoricolaceae

- 1 Litoricola

v Oceanospirillaceae

- 1 Amphritea
- 2 Balneatrix
- 3 Marinomonas
- 4 Marinospirillum
- 5 Neptuniibacter
- 6 Neptunomonas
- 7 Nitrincola
- 8 Oceanobacter
- 9 Oceanospirillum
- 10 Oleispira
- 11 Pseudospirillum
- 12 Reinekea
- 13 Thalassolituus

vi Oleiphilaceae

- 1 Oleiphilus

- vii Saccharospirillaceae
 - 1 Saccharospirillum
- x. Pasteurellales
 - i Pasteurellaceae
 - 1 Actinobacillus
 - 2 Aggregatibacter
 - 3 Avibacterium
 - 4 Bibersteinia
 - 5 Gallibacterium
 - 6 Haemophilus
 - 7 Histophilus
 - 8 Lonopinella
 - 9 Mannheimia
 - 10 Nicoletella
 - 11 Pasteurella
 - 12 Phocoenobacter
 - 13 Volucribacter
- xi. Pseudomonadales
 - i Moraxellaceae
 - 1 Acinetobacter
 - 2 Alkanindiges
 - 3 Branhamella
 - 4 Enhydrobacter
 - 5 Moraxella
 - 6 Perlucidibaca
 - 7 Psychrobacter
 - ii Pseudomonadaceae
 - 1 Azomonas
 - 2 Azomonotrichon
 - 3 Azorhizophilus
 - 4 Azotobacter
 - 5 Cellvibrio
 - 6 Chryseomonas
 - 7 Flavimonas
 - 8 Mesophilobacter
 - 9 Pseudomonas
 - 10 Rhizobacter
 - 11 Rugamonas
 - 12 Serpens
- xii. Salinisphaerales
 - i Salinisphaeraceae
 - 1 Salinisphaera
- xiii. Thiotrichales
 - i Francisellaceae

- 1 Francisella
- ii Piscirickettsiaceae
 - 1 Cycloclasticus
 - 2 Hydrogenovibrio
 - 3 Methylophaga
 - 4 Piscirickettsia
 - 5 Sulfurivirga
 - 6 Thioalkalimicrobium
 - 7 Thiomicrospira
- iii Thiotrichaceae
 - 1 Achromatium
 - 2 Beggiatoa
 - 3 Leucothrix
 - 4 Thiobacterium
 - 5 Thiomargarita
 - 6 Thioploca
 - 7 Thiospira
 - 8 Thiothrix
- iv Unclassified
 - 1 Caedibacter
 - 2 Fangia
- xiv. Vibrionales
 - i Vibrionaceae
 - 1 Aliivibrio
 - 2 Allomonas
 - 3 Beneckea
 - 4 Catenococcus
 - 5 Enterovibrio
 - 6 Grimontia
 - 7 Listonella
 - 8 Lucibacterium
 - 9 Photobacterium
 - 10 Salinivibrio
 - 11 Vibrio
- xv. Xanthomonadales
 - i Sinobacteraceae
 - 1 Hydrocarboniphaga
 - 2 Nevskia
 - 3 Sinobacter
 - ii Xanthomonadaceae
 - 1 Aquimonas
 - 2 Arenimonas
 - 3 Aspromonas
 - 4 Dokdonella

- 5 Dyella
- 6 Frateuria
- 7 Fulvimonas
- 8 Ignatzschineria
- 9 Luteibacter
- 10 Luteimonas
- 11 Lysobacter
- 12 Pseudoxanthomonas
- 13 Rhodanobacter
- 14 Silanimonas
- 15 Stenotrophomonas
- 16 Thermomonas
- 17 Xanthomonas
- 18 Xylella

- xvi. Unclassified
 - i Alkalimonas
 - ii Bowmanella
 - iii Congregibacter *
 - iv Methylohalomonas
 - v Methylnatrum
 - vi Sedimenticola
 - vii Solimonas
 - viii Thiohalomonas
 - ix Thiohalophilus

T. Phylum Spirochaetes

I. Class Spirochaetes

i. Spirochaetales

i Brachyspiraceae

- 1 Brachyspira
- 2 Serpulina

ii Leptospiraceae

- 1 Leptonema
- 2 Leptospira
- 3 Turneriella

iii Spirochaetaceae

- 1 Borrelia
- 2 Brevinema
- 3 Clevelandina
- 4 Cristispira
- 5 Diplocalyx
- 6 Hollandina
- 7 Pillotina
- 8 Spirochaeta
- 9 Treponema

U. Phylum Tenericutes

I. Class Mollicutes

i. Acholeplasmatales

i Acholeplasmataceae

1 Acholeplasma

2 Phytoplasma

ii. Anaeroplasmatales

i Anaeroplasmataceae

1 Anaeroplasma

2 Asteroleplasma

iii. Entomoplasmatales

i Entomoplasmataceae

1 Entomoplasma

2 Mesoplasma

ii Spiroplasmataceae

1 Spiroplasma

iv. Mycoplasmatales

i Mycoplasmataceae

1 Allobaculum

2 Eperythrozoon

3 Haemobartonella

4 Mycoplasma

5 Ureaplasma

v. Unclassified

i Erysipelothrichaceae

1 Bulleidia

2 Erysipelothrix

3 Holdemania

4 Solobacterium

V. Phylum Thermodesulfobacteria

I. Class Thermodesulfobacteria

i. Thermodesulfobacteriales

i Thermodesulfobacteriaceae

1 Thermodesulfatator

2 Thermodesulfobacterium

W. Phylum Thermomicrobia

I. Class Thermomicrobia

i. Thermomicrobiales

i Thermomicrobiaceae

1 Thermomicrobium

X. Phylum Thermotogae

I. Class Thermotogae

i. Thermotogales

i Thermotogaceae

- 1 Fervidobacterium
- 2 Geotoga
- 3 Marinitoga
- 4 Petrotoga
- 5 Thermosipho
- 6 Thermotoga

Y. Phylum Verrucomicrobia

I. Class Opitutae

i. Opitutaes

i Opitutaceae

- 1 Alterococcus
- 2 Opitutus

ii. Puniceococcales

i Puniceococcaceae

- 1 Cerasicoccus
- 2 Coraliomargarita
- 3 Pelagicoccus
- 4 Puniceicoccus

II. Class Verrucomicrobiae

i. Verrucomicrobiales

i Verrucomicrobiaceae

- 1 Akkermansia
- 2 Prostheco bacter
- 3 Rubritalea
- 4 Verrucomicrobium

ii Xiphinematobacteraceae

- 1 Xiphinematobacter

Z. Unclassified Phylum

I. Class Jonquetella

II. Class Ktedonobacteria

i. Ktedonobacterales

i Ktedonobacteraceae

- 1 Ktedonobacte