COMMISSIE
COGEM
GENETISCHE
MODIFICATIE

Classification of Organisms:

Pathogenicity classification of Bacteria

Status October 2023 (CGM/231011-01)

Pathogenicity classification of bacteria

COGEM advice CGM/231011-01

Dutch Regulations Genetically Modified Organisms

In the Netherlands Decree on Genetically Modified Organisms (GMO Decree) and its accompanying more detailed Regulations (GMO Regulations) genetically modified micro-organisms are grouped in four pathogenicity classes, ranging from the lowest pathogenicity Class 1 to the highest Class 4.[1] The pathogenicity classifications are used to determine the containment level for working with GMOs.

A micro-organism of Class 1 should at least comply with one of the following conditions:

a) the micro-organism does not belong to a species of which representatives are known to be pathogenic for humans, animals or plants,
b) the micro-organism has a long history of safe use under conditions without specific containment measures,
c) the micro-organism belongs to a species that includes representatives of class 2, 3 or 4, but the particular strain does not contain genetic material that is responsible for the virulence,
d) the micro-organism has been shown to be non-virulent through adequate tests.

A micro-organism is grouped in Class 2 when it can cause a disease in humans or animals whereby it is unlikely to spread within the population while an effective prophylaxis, treatment or control strategy exists, as well as an organism that can cause a disease in plants.

A micro-organism is grouped in Class 3 when it can cause a serious disease in humans or animals whereby it is likely to spread within the population while an effective prophylaxis, treatment or control strategy exists.

A micro-organism is grouped in Class 4 when it can cause a very serious disease in humans or animals whereby it is likely to spread within the population while no effective prophylaxis, treatment or control strategy exists.

Pathogenicity classification of bacteria

The Netherlands Commission on Genetic Modification (COGEM) advises the Dutch government (amongst others) on the classification in risk groups (classes) of organisms according to the risk they pose to human health and the environment. These advices are written in Dutch and are therefore only published on the Dutch part of the COGEM website. In order to inform other countries and/or organisations about the classification of organisms by COGEM, an overview of all classifications of bacteria has been translated. The classifications of all bacteria that have been advised on by COGEM

1. Ministerie van Infrastructuur en Milieu. Regeling genetisch gemodificeerde organismen milieubeheer 2013. https://wetten.overheid.nl/BWBR0035072/2023-10-01 [In Dutch]

until the 11th of October 2023, are listed alphabetically in two separate tables. Table 1 holds all apathogenic bacteria and table 2 contains all pathogenic bacteria. In addition, for all the pathogenic bacteria is indicated if they are pathogenic for animals (A) or plants (P).

Table 1. List with apathogenic bacteria, sorted alphabetically

No.	*Genus/ species/* strain	Class	Remarks/division in subspecies
1	*Acetitomaculum ruminis*	1	
2	*Acetoanaerobium*	1	
3	*Acetobacter aceti*	1	
4	*Acetobacter cerevisiae*	1	
5	*Acetobacter cibinongensis*	1	
6	*Acetobacter estunensis*	1	
7	*Acetobacter ghanensis*	1	
8	*Acetobacter indonesiensis*	1	
9	*Acetobacter lovaniensis*	1	
10	*Acetobacter malorum*	1	
11	*Acetobacter nitrogenifigens*	1	
12	*Acetobacter oeni*	1	
13	*Acetobacter orientalis*	1	
14	*Acetobacter orleanensis*	1	
15	*Acetobacter pasteurianus*	1	
16	*Acetobacter persici*	1	
17	*Acetobacter pomorum*	1	
18	*Acetobacter senegalensis*	1	
19	*Acetobacter syzygii*	1	
20	*Acetobacter tropicalis*	1	
21	*Acetobacterium*	1	
22	*Acetofilamentum*	1	
23	*Acetohalobium*	1	
24	*Acetomicrobium*	1	
25	*Acetonema longum*	1	
26	*Acetothermus*	1	
27	*Achromatium*	1	
28	*Acidaminobacter hydrogenoformans*	1	
29	*Acidicaldus*	1	
30	*Acidicapsa ligni*	1	
31	*Acidimicrobium ferrooxidans*	1	
32	*Acidiphilium*	1	
33	*Acidipropionibacterium jensenii*	1	

34	*Acidisphaera*	1
35	*Acidithiobacillus*	1
36	*Acidobacterium*	1
37	*Acidocella*	1
38	*Acidomonas*	1
39	*Acidovorax caeni*	1
40	*Acidovorax defluvii*	1
41	*Acidovorax delafieldii*	1
42	*Acidovorax facilis*	1
43	*Acidovorax temperans*	1
44	*Acrocarpospora*	1
45	*Actinoalloteichus*	1
46	*Actinocorallia*	1
47	*Actinokineospora*	1
48	*Actinomadura*	1
49	*Actinomyces dentalis*	1
50	*Actinoplanes*	1
51	*Actinopolymorpha*	1
52	*Actinopolyspora*	1
53	*Actinosynnema*	1
54	*Aequorivita*	1
55	*Aeromicrobium*	1
56	*Aeromonas enteropelogenes*	1
57	*Aestuariibacter*	1
58	*Agitococcus*	1
59	*Agreia*	1
60	*Agrococcus*	1
61	*Agromyces*	1
62	*Ahrensia*	1
63	*Akkermansia muciniphilia*	1
64	*Albidovulum*	1
65	*Alcanivorax*	1
66	*Alcanivorax borkumensis*	1
67	*Algibacter*	1
68	*Algicola*	1
69	*Algoriphagus*	1
70	*Alicycliphilus*	1
71	*Alicyclobacillus*	1
72	*Alishewanella*	1
73	*Alistipes onderdonkii*	1

74	*Alkalibacterium*	1	
75	*Alkaliphilus*	1	
76	*Alkalispirillum*	1	
77	*Alkanindiges*	1	
78	*Allisonella*	1	
79	*Allochromatium*	1	
80	*Allofustis*	1	
81	*Allokutzneria*	1	
82	*Alysiella*	1	
83	*Aminobacter*	1	
84	*Aminobacterium*	1	
85	*Aminomonas*	1	
86	*Ammonifex*	1	
87	*Ammoniphilus*	1	
88	*Amoebobacter*	1	
89	*Amphibacillus*	1	
90	*Anabaena* sp. strain PCC 7120	1	also named *Nostoc* sp. PCC 7120, ATCC 27893
91	*Anaeroarcus*	1	
92	*Anaerobranca*	1	
93	*Anaerococcus murdochii*	1	
94	*Anaerofilum*	1	
95	*Anaerolinea*	1	
96	*Anaeromusa*	1	
97	*Anaerophaga*	1	
98	*Anaeroplasma*	1	
99	*Anaerosinus*	1	
100	*Anaerostipes*	1	
101	*Anaerotruncus*	1	
102	*Anaerovibrio*	1	
103	*Anaerovorax*	1	
104	*Ancalomicrobium*	1	
105	*Ancylobacter*	1	
106	*Andreprevotia*	1	
107	*Aneurinibacillus*	1	
108	*Angiococcus*	1	
109	*Angulomicrobium*	1	
110	*Anoxybacillus*	1	
111	*Anoxynatronum*	1	
112	*Antarctobacter*	1	
113	*Aquabacter*	1	

114	*Aquabacterium*	1
115	*Aquamicrobium*	1
116	*Aquaspirillum*	1
117	*Aquicella*	1
118	*Aquifex*	1
119	*Archangium*	1
120	*Arcicella*	1
121	*Arenibacter*	1
122	*Arenimonas*	1
123	*Arhodomonas*	1
124	*Arsenicicoccus*	1
125	*Asaia*	1
126	*Asanoa*	1
127	*Asticcacaulis*	1
128	*Azoarcus*	1
129	*Azomonas*	1
130	*Azorhizobium*	1
131	*Azorhizophilus*	1
132	*Azospira*	1
133	*Azospirillum*	1
134	*Azospirillum brasilense*	1
135	*Azotobacter*	1
136	*Bacillus circulans*	1
137	*Bacillus licheniformis*	1
138	*Bacillus paralicheniformis*	1
139	*Bacteriovorax*	1
140	*Bacteroides xylanisolvens* strain DSM 23964	1
141	*Balnearium*	1
142	*Bdellovibrio*	1
143	*Beggiatoa*	1
144	*Beijerinckia*	1
145	*Belliella*	1
146	*Bergeriella*	1
147	*Beutenbergia*	1
148	*Bifidobacterium adolescentis*	1
149	*Bifidobacterium animalis*	1
150	*Blastobacter*	1
151	*Blastochloris*	1
152	*Blastococcus*	1
153	*Blastomonas*	1

154	*Blastopirellula*	1	
155	*Blattabacterium*	1	
156	*Blautia producta*	1	
157	*Bogoriella*	1	
158	*Bosea*	1	
159	*Brachybacterium*	1	
160	*Brachymonas*	1	
161	*Bradyrhizobium*	1	
162	*Bradyrhizobium lupini*	1	
163	*Brevibacillus*	1	
164	*Brevibacterium casei*	1	
165	*Brevibacterium epidermidis*	1	
166	*Brochothrix*	1	
167	*Brucella grignonense*	1	before *Ochrobactrum grignonense*
168	*Budvicia*	1	
169	*Buttiauxella*	1	
170	*Butyrivibrio*	1	
171	*Caldanaerobacter*	1	
172	*Caldicellulosiruptor*	1	
173	*Caldilinea*	1	
174	*Caldithrix*	1	
175	*Caloramator*	1	
176	*Caloranaerobacter*	1	
177	*Caminibacter*	1	
178	*Caminicella*	1	
179	*Carbophilus*	1	
180	*Carboxydocella*	1	
181	*Carboxydothermus*	1	
182	*Caryophanon*	1	
183	*Catellatospora*	1	
184	*Catenibacterium*	1	
185	*Catenococcus*	1	
186	*Catenuloplanes*	1	
187	*Caulobacter*	1	
188	*Cellulomonas denverensis*	1	
189	*Cellulophaga*	1	
190	*Cellulosimicrobium cellulans*	1	
191	*Cellulosimicrobium funkei*	1	
192	*Cellvibrio*	1	
193	*Cerasibacillus*	1	

194	*Cetobacterium ceti*	1	
195	*Chelatococcus*	1	
196	*Chitinibacter*	1	
197	*Chitinimonas*	1	
198	*Chitinophaga*	1	
199	*Chlorobaculum*	1	
200	*Chlorobium*	1	
201	*Chloroflexus*	1	
202	*Chondromyces*	1	
203	*Chromatium*	1	
204	*Chromohalobacter*	1	
205	*Chryseobacterium*	1	
206	*Chrysiogenes*	1	
207	*Citricoccus*	1	
208	*Clostridium autoethanogenum*	1	
209	*Clostridium butyricum*	1	
210	*Clostridium maximum*	1	
211	*Clostridium phytofermentans*	1	
212	*Clostridium polyendosporum*	1	before *Anaerobacter polyendosporus*
213	*Clostridium thermosuccinogenes*	1	
214	*Clostridium ventriculi*	1	
215	*Cobetia*	1	
216	*Collimonas*	1	
217	*Colwellia*	1	
218	*Comamonas testosteroni*	1	
219	*Conexibacter*	1	
220	*Coprothermobacter*	1	
221	*Coriobacterium*	1	
222	*Couchioplanes*	1	
223	*Cryobacterium*	1	
224	*Cryptosporangium*	1	
225	*Cupriavidus basilensis*	1	
226	*Cupriavidus pauculus*	1	
227	*Curtobacterium albidum*	1	
228	*Curtobacterium ammoniigenes*	1	
229	*Curtobacterium citreum*	1	
230	*Curtobacterium herbarum*	1	
231	*Curtobacterium luteum*	1	
232	*Curtobacterium plantarum*	1	
233	*Curtobacterium pusillum*	1	

234	*Cyclobacterium*	1
235	*Cystobacter*	1
236	*Dactylosporangium*	1
237	*Dechloromonas*	1
238	*Deferribacter*	1
239	*Dehalobacter*	1
240	*Deinococcus*	1
241	*Demetria*	1
242	*Dendrosporobacter*	1
243	*Denitrobacterium*	1
244	*Denitrovibrio*	1
245	*Dermabacter*	1
246	*Dermacoccus*	1
247	*Derxia*	1
248	*Desemzia*	1
249	*Desulfacinum*	1
250	*Desulfatibacillum*	1
251	*Desulfitobacterium*	1
252	*Desulfitobacterium hafniense*	1
253	*Desulfobacca*	1
254	*Desulfobacter*	1
255	*Desulfobacterium*	1
256	*Desulfobacula*	1
257	*Desulfobulbus*	1
258	*Desulfocapsa*	1
259	*Desulfocella*	1
260	*Desulfococcus*	1
261	*Desulfofaba*	1
262	*Desulfofrigus*	1
263	*Desulfofustis*	1
264	*Desulfohalobium*	1
265	*Desulfomonile*	1
266	*Desulfonatronovibrio*	1
267	*Desulfonatronum*	1
268	*Desulfonauticus*	1
269	*Desulfonema*	1
270	*Desulfonispora*	1
271	*Desulforegula*	1
272	*Desulforhabdus*	1
273	*Desulforhopalus*	1

274	*Desulfosarcina*	1
275	*Desulfospira*	1
276	*Desulfosporosinus*	1
277	*Desulfotalea*	1
278	*Desulfotignum*	1
279	*Desulfotomaculum*	1
280	*Desulfovibrio*	1
281	*Desulfovirga*	1
282	*Desulfurella*	1
283	*Desulfurobacterium*	1
284	*Desulfuromonas*	1
285	*Desulfuromusa*	1
286	*Dethiosulfovibrio*	1
287	*Devosia*	1
288	*Diaphorobacter*	1
289	*Dichotomicrobium*	1
290	*Dictyoglomus*	1
291	*Dietzia cinnamea*	1
292	*Dinoroseobacter*	1
293	*Dinoroseobacter shibae*	1
294	*Dolosicoccus*	1
295	*Dorea*	1
296	*Duganella*	1
297	*Dyadobacter*	1
298	*Dyella koreensis*	1
299	*Ectothiorhodospira*	1
300	*Enhygromyxa*	1
301	*Ensifer*	1
302	*Enterococcus columbae*	1
303	*Enterococcus gilvus*	1
304	*Enterovibrio*	1
305	*Eremococcus*	1
306	*Erythrobacter*	1
307	*Erythromicrobium*	1
308	*Escherichia coli B*	1
309	*Escherichia coli C*	1
310	*Escherichia coli K12*	1
311	*Escherichia coli* Nissle 1917	1
312	*Escherichia coli W*	1
313	*Faecalibacterium prausnitzii*	1

314	*Ferrimonas*	1	
315	*Ferroplasma*	1	
316	*Fervidobacterium*	1	
317	*Filibacter*	1	
318	*Filomicrobium*	1	
319	*Fischerella ambigua* strain UTEX 1903	1	
320	*Fischerella* sp. strain ATCC 43239	1	
321	*Flammeovirga*	1	
322	*Flavobacterium anhuiense*	1	
323	*Flavobacterium psychrolimnae*	1	
324	*Flavobacterium weaverense*	1	
325	*Flectobacillus*	1	
326	*Flexistipes*	1	
327	*Flexithrix*	1	
328	*Formivibrio*	1	
329	*Formosa*	1	
330	*Frankia*	1	
331	*Frateuria*	1	
332	*Friedmanniella*	1	
333	*Frigoribacterium*	1	
334	*Frondihabitans australicus*	1	
335	*Fulvimarina*	1	
336	*Fulvimonas*	1	
337	*Fusibacter*	1	
338	*Gallicola*	1	
339	*Garciella*	1	
340	*Gelidibacter*	1	
341	*Gemmata*	1	
342	*Gemmatimonas*	1	
343	*Gemmobacter*	1	
344	*Geobacillus*	1	
345	*Geobacter*	1	
346	*Geobacter metallireducens*	1	
347	*Geobacter sulfurreducens*	1	including subspecies *Geobacter sulfurreducens* subsp. *ethanolicus* and *Geobacter sulfurreducens* subsp. *sulfurreducens*
348	*Geodermatophilus*	1	
349	*Georgenia*	1	
350	*Geothrix*	1	
351	*Geovibrio*	1	

352	*Gillisia*	1
353	*Glaciecola*	1
354	*Gluconacetobacter*	1
355	*Gluconobacter albidus*	1
356	*Gluconobacter cerinus*	1
357	*Gluconobacter frateurii*	1
358	*Gluconobacter japonicus*	1
359	*Gluconobacter kanchanaburiensis*	1
360	*Gluconobacter kondonii*	1
361	*Gluconobacter nephelii*	1
362	*Gluconobacter roseus*	1
363	*Gluconobacter sphaericus*	1
364	*Gluconobacter thailandicus*	1
365	*Gluconobacter wancherniae*	1
366	*Glycomyces*	1
367	*Gracilibacillus*	1
368	*Gracilibacter*	1
369	*Granulicella aggregans*	1
370	*Granulicella arctica*	1
371	*Granulicella cerasi*	1
372	*Granulicella mallensis*	1
373	*Granulicella paludicola*	1
374	*Granulicella pectinivorans*	1
375	*Granulicella rosea*	1
376	*Granulicella sapmiensis*	1
377	*Granulicella tundricola*	1
378	*Gryllotalpicola ginsengisoli*	1
379	*Gulosibacter*	1
380	*Halanaerobacter*	1
381	*Halanaerobium*	1
382	*Haliangium*	1
383	*Haliscomenobacter*	1
384	*Halobacillus*	1
385	*Halobacteroides*	1
386	*Halocella*	1
387	*Halochromatium*	1
388	*Halococcus*	1
389	*Halomonas*	1
390	*Halonatronum*	1
391	*Halorhodospira*	1

392	*Halothermothrix*	1
393	*Halothiobacillus neapolitanus*	1
394	*Halovibrio*	1
395	*Hapalosiphon welwitschii* strain UH IC-52-3	1
396	*Heliobacillus*	1
397	*Heliobacterium*	1
398	*Heliophilum*	1
399	*Heliorestis*	1
400	*Herbaspirillum aquaticum*	1
401	*Herbaspirillum autotrophicum*	1
402	*Herbaspirillum chlorophenolicum*	1
403	*Herbaspirillum frisingense*	1
404	*Herbaspirillum hiltneri*	1
405	*Herbaspirillum huttiense* subsp. *huttiense*	1
406	*Herbaspirillum huttiense* subsp. *putei*	1
407	*Herbaspirillum lusitanum*	1
408	*Herbaspirillum rhizosphaerae*	1
409	*Herbaspirillum seropedicae*	1
410	*Herbidospora*	1
411	*Herpetosiphon*	1
412	*Hespellia*	1
413	*Hippea*	1
414	*Hirschia*	1
415	*Holdemania*	1
416	*Holophaga*	1
417	*Hydrogenobacter*	1
418	*Hydrogenophaga*	1
419	*Hydrogenophilus*	1
420	*Hydrogenothermus*	1
421	*Hydrogenovibrio*	1
422	*Hylemonella*	1
423	*Hymenobacter*	1
424	*Hyphomicrobium*	1
425	*Hyphomonas*	1
426	*Ideonella sakaiensis*	1
427	*Idiomarina*	1
428	*Ignatzschineria*	1
429	*Ilyobacter*	1
430	*Inquilinus*	1
431	*Intrasporangium*	1

432	*Iodobacter*	1	
433	*Isobaculum*	1	
434	*Isochromatium*	1	
435	*Isoptericola*	1	
436	*Janibacter*	1	
437	*Jannaschia*	1	
438	*Janthinobacterium lividum*	1	
439	*Jeotgalibacillus*	1	
440	*Jeotgalicoccus*	1	
441	*Kangiella*	1	
442	*Kibdelosporangium*	1	
443	*Kineococcus*	1	
444	*Kineosphaera*	1	
445	*Kineosporia*	1	
446	*Knoellia*	1	
447	*Kocuria*	1	
448	*Komagataeibacter rhaeticus*	1	before *Gluconacetobacter rhaeticus*
449	*Kosakonia radicincitans*	1	
450	*Kozakia*	1	
451	*Kribbella*	1	
452	*Kurthia*	1	
453	*Kutzneria*	1	
454	*Kytococcus*	1	
455	*Labrys*	1	
456	*Lachnobacterium*	1	
457	*Lachnospira*	1	
458	*Lactobacillus crispatus*	1	
459	*Lactobacillus gasseri*	1	
460	*Lactobacillus iners*	1	
461	*Lactobacillus johnsonii*	1	
462	*Lactobacillus plantarum*	1	including subspecies *Lactobacillus plantarum* subsp. *argentoratensis* and *Lactobacillus plantarum* subsp. *plantarum*
463	*Lactobacillus rhamnosus*	1	
464	*Lactococcus lactis*	1	
465	*Lamprocystis*	1	
466	*Lampropedia*	1	
467	*Laribacter*	1	
468	*Lautropia*	1	
469	*Lechevalieria*	1	

470	*Leisingera*	1
471	*Leminorella*	1
472	*Lentibacillus*	1
473	*Lentzea*	1
474	*Leptolinea*	1
475	*Leptonema*	1
476	*Leptospirillum*	1
477	*Leptothrix*	1
478	*Leptotrichia wadei*	1
479	*Leucobacter*	1
480	*Leuconostoc citreum*	1
481	*Leuconostoc mesenteroides* subsp. *dextranicum*	1
482	*Leuconostoc mesenteroides* subsp. *mesenteroides*	1
483	*Leuconostoc pseudomesenteroides*	1
484	*Leucothrix*	1
485	*Limnobacter*	1
486	*Listeria innocua*	1
487	*Loktanella*	1
488	*Lonepinella*	1
489	*Longispora*	1
490	*Luteibacter rhizovicina*	1
491	*Luteimonas*	1
492	*Luteococcus*	1
493	*Lysobacter*	1
494	*Macromonas*	1
495	*Magnetospirillum*	1
496	*Magnetospirillum gryphiswaldense*	1
497	*Malonomonas*	1
498	*Maribacter*	1
499	*Marichromatium*	1
500	*Marinilabilia*	1
501	*Marinilactibacillus*	1
502	*Marinithermus*	1
503	*Marinitoga*	1
504	*Marinobacter*	1
505	*Marinobacterium*	1
506	*Marinococcus*	1
507	*Marinomonas*	1
508	*Marinospirillum*	1

509	*Marmoricola*	1
510	*Marvinbryantia*	1
511	*Massilia*	1
512	*Megamonas*	1
513	*Meiothermus*	1
514	*Melittangium*	1
515	*Mesonia*	1
516	*Mesophilobacter*	1
517	*Mesorhizobium*	1
518	*Methylobacillus*	1
519	*Methylobacter*	1
520	*Methylobacterium*	1
521	*Methylobacterium mesophilicum*	1
522	*Methylocapsa*	1
523	*Methylocella*	1
524	*Methylocystis*	1
525	*Methylomicrobium*	1
526	*Methylomonas*	1
527	*Methylophaga*	1
528	*Methylophilus*	1
529	*Methylopila*	1
530	*Methylosarcina*	1
531	*Methylosinus*	1
532	*Methylovorus*	1
533	*Microbacterium arabinogalactanolyticum*	1
534	*Microbacterium barkeri*	1
535	*Microbacterium esteraromaticum*	1
536	*Microbacterium flavescens*	1
537	*Microbacterium keratanolyticum*	1
538	*Microbacterium liquefaciens*	1
539	*Microbacterium luteolum*	1
540	*Microbacterium saperdae*	1
541	*Microbacterium schleiferi*	1
542	*Microbacterium terrae*	1
543	*Microbacterium terregens*	1
544	*Microbacterium testaceum*	1
545	*Microbacterium trichothecenolyticum*	1
546	*Microbispora*	1
547	*Microbulbifer*	1
548	*Micrococcus*	1

549	*Microlunatus*	1
550	*Micromonospora*	1
551	*Micropolyspora*	1
552	*Micropruina*	1
553	*Microscilla*	1
554	*Microtetraspora*	1
555	*Microvirga*	1
556	*Microvirgula aerodenitrificans*	1
557	*Modestobacter*	1
558	*Moorella*	1
559	*Moritella*	1
560	*Muricauda*	1
561	*Myceligenerans*	1
562	*Mycetocola*	1
563	*Mycolicibacterium hassiacum*	1
564	*Mycolicibacterium neoaurum*	1
565	*Mycolicibacterium smegmatis*	1
566	*Mycolicibacterium thermoresistibile*	1
567	*Mycoplana*	1
568	*Mycoplasma orale*	1
569	*Myxococcus*	1
570	*Nakamurella*	1
571	*Nannocystis*	1
572	*Natroniella*	1
573	*Natronincola*	1
574	*Nautilia*	1
575	*Neorhizobium galegae*	1
576	*Neorhizobium huautlense*	1
577	*Neptunomonas*	1
578	*Nereida*	1
579	*Nesiotobacter*	1
580	*Nesterenkonia*	1
581	*Nevskia*	1
582	*Nitratireductor*	1
583	*Nitrobacter*	1
584	*Nocardioides*	1
585	*Nonomuraea*	1
586	*Novosphingobium*	1
587	*Obesumbacterium*	1
588	*Oceanibulbus*	1

589	*Oceanicaulis*	1
590	*Oceanicola*	1
591	*Oceanimonas*	1
592	*Oceanisphaera*	1
593	*Oceanithermus*	1
594	*Oceanobacillus*	1
595	*Oceanobacter*	1
596	*Oceanospirillum*	1
597	*Octadecabacter*	1
598	*Oenococcus*	1
599	*Oerskovia*	1
600	*Okibacterium*	1
601	*Oleiphilus*	1
602	*Oleispira*	1
603	*Oligella ureolytica*	1
604	*Oligella urethralis*	1
605	*Oligotropha*	1
606	*Opitutus*	1
607	*Orenia*	1
608	*Oribacterium*	1
609	*Ornithinimicrobium*	1
610	*Ottowia*	1
611	*Oxalicibacterium*	1
612	*Oxalobacter*	1
613	*Oxalophagus*	1
614	*Oxobacter*	1
615	*Paenibacillus chibensis*	1
616	*Paenibacillus taichungensis*	1
617	*Paenibacillus xylanexedens*	1
618	*Pannonibacter*	1
619	*Papillibacter*	1
620	*Parabulkholderia sediminicola*	1
621	*Paraburkholderia bryophila*	1
622	*Paraburkholderia caballeronis*	1
623	*Paraburkholderia caribensis*	1
624	*Paraburkholderia fungorum*	1
625	*Paraburkholderia graminis*	1
626	*Paraburkholderia nodosa*	1
627	*Paraburkholderia phymatum*	1
628	*Paraburkholderia phytofirmans*	1

629	*Paraburkholderia terrae*	1	
630	*Paraburkholderia tropica*	1	
631	*Paraburkholderia xenovorans*	1	
632	*Paracoccus yeei*	1	
633	*Paraliobacillus*	1	
634	*Paramoritella*	1	
635	*Pararhizobium giardinii*	1	
636	*Parascardovia*	1	
637	*Parasporobacterium*	1	
638	*Parvibaculum*	1	
639	*Paucimonas*	1	
640	*Pectinatus*	1	
641	*Pediococcus*	1	
642	*Pedobacter*	1	
643	*Pelczaria*	1	
644	*Pelobacter*	1	
645	*Pelodictyon phaeum*	1	All species from genus *Pelodictyon* have been moved to genus *Chlorobium*, with the exception of *Pelodictyon phaeum*
646	*Pelospora*	1	
647	*Pelotomaculum*	1	
648	*Peptoniphilus asaccharolyticus*	1	
649	*Peredibacter*	1	
650	*Persephonella*	1	
651	*Persicobacter*	1	
652	*Petrotoga*	1	
653	*Phaeospirillum*	1	
654	*Phascolarctobacterium*	1	
655	*Phenylobacterium*	1	
656	*Phocoenobacter*	1	
657	*Phyllobacterium*	1	
658	*Pigmentiphaga*	1	
659	*Pilimelia*	1	
660	*Pirellula*	1	
661	*Planctomyces*	1	
662	*Planobispora*	1	
663	*Planococcus*	1	
664	*Planomicrobium*	1	
665	*Planomonospora*	1	
666	*Planotetraspora*	1	
667	*Plantibacter*	1	

668	*Plesiocystis*	1	
669	*Polaribacter*	1	
670	*Polaromonas*	1	
671	*Polyangium*	1	
672	*Polynucleobacter necessarius*	1	
673	*Porphyrobacter*	1	
674	*Pragia*	1	
675	*Prauserella*	1	
676	*Prevotella amnii*	1	
677	*Prevotella copri*	1	
678	*Prevotella timonensis*	1	
679	*Promicromonospora*	1	
680	*Propionicimonas*	1	
681	*Propioniferax*	1	
682	*Propionigenium*	1	
683	*Propionispira*	1	
684	*Propionispora*	1	
685	*Propionivibrio*	1	
686	*Prosthecobacter*	1	
687	*Prosthecochloris*	1	
688	*Prosthecomicrobium*	1	
689	*Pseudaminobacter*	1	
690	*Pseudarthrobacter chlorophenolicus*	1	
691	*Pseudobutyrivibrio*	1	
692	*Pseudoclavibacter*	1	
693	*Pseudomonas brassicacearum*	1	
694	*Pseudomonas capeferrum*	1	
695	*Pseudomonas fluorescens*	1	
696	*Pseudomonas fluorescens* strain DC454	1	
697	*Pseudomonas fluorescens* strain MB101	1	
698	*Pseudomonas jessenii*	1	
699	*Pseudomonas jessenii* strain RU47	1	
700	*Pseudomonas jessenii* strain UW4	1	
701	*Pseudomonas putida*	1	
702	*Pseudomonas simiae* strain WCS417	1	before *Pseudomonas fluorescence* strain WCS417
703	*Pseudomonas stutzeri*	1	
704	*Pseudomonas thivervalensis*	1	
705	*Pseudonocardia*	1	
706	*Pseudorhodobacter*	1	
707	*Pseudospirillum*	1	

708	*Pseudoxanthomonas*	1
709	*Psychroflexus*	1
710	*Psychromonas*	1
711	*Psychroserpens*	1
712	*Pyxidicoccus*	1
713	*Quinella*	1
714	*Rahnella*	1
715	*Rahnella aquatilis*	1
716	*Ramlibacter*	1
717	*Raoultella terrigena*	1
718	*Rarobacter*	1
719	*Rathayibacter caricis*	1
720	*Rathayibacter festucae*	1
721	*Reinekea*	1
722	*Rhabdochromatium*	1
723	*Rheinheimera*	1
724	*Rhizobium cellulosilyticum*	1
725	*Rhizobium daejeonense*	1
726	*Rhizobium etli*	1
727	*Rhizobium gallicum*	1
728	*Rhizobium hainanense*	1
729	*Rhizobium indigoferae*	1
730	*Rhizobium leguminosarum*	1
731	*Rhizobium loessense*	1
732	*Rhizobium lusitanum*	1
733	*Rhizobium miluonense*	1
734	*Rhizobium mongolense*	1
735	*Rhizobium multihospitium*	1
736	*Rhizobium phaseoli*	1
737	*Rhizobium selenireducens*	1
738	*Rhizobium sullae*	1
739	*Rhizobium tropici*	1
740	*Rhizobium undicola*	1
741	*Rhizobium yanglingense*	1
742	*Rhodobacter*	1
743	*Rhodobium*	1
744	*Rhodoblastus*	1
745	*Rhodocista*	1
746	*Rhodococcus erythropolis*	1
747	*Rhodococcus rhodochrous*	1

748	*Rhodocyclus*	1	
749	*Rhodoferax*	1	
750	*Rhodoglobus*	1	
751	*Rhodomicrobium*	1	
752	*Rhodopila*	1	
753	*Rhodopirellula*	1	
754	*Rhodoplanes*	1	
755	*Rhodopseudomonas*	1	
756	*Rhodospirillum*	1	
757	*Rhodothalassium*	1	
758	*Rhodothermus*	1	
759	*Rhodovibrio*	1	
760	*Rhodovulum*	1	
761	*Rikenella*	1	
762	*Robiginitalea*	1	
763	*Roseateles*	1	
764	*Roseburia*	1	
765	*Roseiflexus*	1	
766	*Roseinatronobacter*	1	
767	*Roseivivax*	1	
768	*Roseobacter*	1	
769	*Roseococcus*	1	
770	*Roseomonas*	1	
771	*Roseomonas gilardii*	1	including subspecies *Roseomonas gilardii* subsp. *gilardii* and *Roseomonas gilardii* subsp. *rosea*
772	*Roseomonas cervicalis*	1	
773	*Roseomonas mucosa*	1	
774	*Roseospira*	1	
775	*Roseospirillum*	1	
776	*Roseovarius*	1	
777	*Rubrimonas*	1	
778	*Rubritepida*	1	
779	*Rubrivivax*	1	
780	*Rubrobacter*	1	
781	*Ruegeria*	1	
782	*Ruminobacter*	1	
783	*Runella*	1	
784	*Saccharibacter*	1	
785	*Saccharococcus*	1	
786	*Saccharomonospora*	1	

787	*Saccharophagus*	1	
788	*Saccharopolyspora rectivirgula*	1	
789	*Saccharospirillum*	1	
790	*Saccharothrix*	1	
791	*Sagittula*	1	
792	*Salana*	1	
793	*Salegentibacter*	1	
794	*Salinibacter*	1	
795	*Salinibacterium*	1	
796	*Salinicoccus*	1	
797	*Salinisphaera*	1	
798	*Salinivibrio*	1	
799	*Salipiger*	1	
800	*Salmonella enterica* subsp. *enterica* serovar Typhi strain Ty21a	1	≡ *Salmonella* Typhi strain Ty21a
801	*Saprospira*	1	
802	*Scardovia*	1	
803	*Schlegelella*	1	
804	*Schwartzia*	1	
805	*Seliberia*	1	
806	*Serinicoccus*	1	
807	*Serratia fonticola*	1	
808	*Serratia plymuthica*	1	
809	*Simonsiella*	1	
810	*Skermanella*	1	
811	*Skermania*	1	
812	*Smithella*	1	
813	*Sodalis*	1	
814	*Soehngenia*	1	
815	*Solirubrobacter*	1	
816	*Sphaerobacter*	1	
817	*Sphaerotilus*	1	
818	*Sphingobium*	1	
819	*Sphingopyxis*	1	
820	*Spingomonas wittichii*	1	
821	*Spirilliplanes*	1	
822	*Spirillospora*	1	
823	*Spirillum*	1	
824	*Spirochaeta*	1	
825	*Spirosoma*	1	

826	*Sporanaerobacter*	1
827	*Sporichthya*	1
828	*Sporobacter*	1
829	*Sporobacterium*	1
830	*Sporocytophaga*	1
831	*Sporohalobacter*	1
832	*Sporolactobacillus*	1
833	*Sporomusa*	1
834	*Sporosarcina*	1
835	*Sporotomaculum*	1
836	*Staphylococcus aureus* subsp. *aureus* strain 8325-4	1
837	*Staphylococcus aureus* subsp. *aureus* strain RN4220	1
838	*Stappia*	1
839	*Starkeya*	1
840	*Stella*	1
841	*Sterolibacterium*	1
842	*Stigmatella*	1
843	*Streptacidiphilus*	1
844	*Streptoalloteichus*	1
845	*Streptococcus gordonii*	1
846	*Streptococcus oligofermentans*	1
847	*Streptomonospora*	1
848	*Streptomyces*	1#
849	*Streptomyces muensis*	1
850	*Streptosporangium*	1
851	*Subtercola*	1
852	*Succiniclasticum*	1
853	*Succinimonas*	1
854	*Succinispira*	1
855	*Succinivibrio*	1
856	*Sulfitobacter*	1
857	*Sulfobacillus*	1
858	*Sulfurihydrogenibium*	1
859	*Sulfurimonas*	1
860	*Sulfurospirillum*	1
861	*Synechococcus* sp. strain PCC 11901	1
862	*Synechococcus* sp. strain PCC 7002	1
863	*Synechocystis* sp. strain PCC 6803	1
864	*Syntrophobacter*	1

865	*Syntrophobotulus*	1
866	*Syntrophococcus*	1
867	*Syntrophomonas*	1
868	*Syntrophothermus*	1
869	*Syntrophus*	1
870	*Telluria*	1
871	*Tepidibacter*	1
872	*Tepidimonas*	1
873	*Tepidiphilus*	1
874	*Terasakiella*	1
875	*Terrabacter*	1
876	*Terracoccus*	1
877	*Tessaracoccus*	1
878	*Tetrasphaera*	1
879	*Thalassolituus*	1
880	*Thalassomonas*	1
881	*Thalassospira*	1
882	*Thauera*	1
883	*Thermacetogenium*	1
884	*Thermaerobacter*	1
885	*Thermanaeromonas*	1
886	*Thermanaerovibrio*	1
887	*Thermicanus*	1
888	*Thermincola carboxydiphila*	1
889	*Thermincola ferriacetica*	1
890	*Thermincola potens*	1
891	*Thermithiobacillus*	1
892	*Thermoactinomyces*	1
893	*Thermoanaerobacter*	1
894	*Thermoanaerobacter kivui*	1
895	*Thermoanaerobacterium*	1
896	*Thermoanaerobium*	1
897	*Thermobacillus*	1
898	*Thermobacteroides*	1
899	*Thermobifida*	1
900	*Thermobispora*	1
901	*Thermobrachium*	1
902	*Thermochromatium*	1
903	*Thermococcus*	1
904	*Thermocrinis*	1

905	*Thermocrispum*	1
906	*Thermodesulfatator*	1
907	*Thermodesulfobacterium*	1
908	*Thermodesulfobium*	1
909	*Thermodesulforhabdus*	1
910	*Thermodesulfovibrio*	1
911	*Thermohydrogenium*	1
912	*Thermomicrobium*	1
913	*Thermomonas*	1
914	*Thermomonospora*	1
915	*Thermonema*	1
916	*Thermosinus carboxydivorans*	1
917	*Thermosipho*	1
918	*Thermosyntropha*	1
919	*Thermotoga*	1
920	*Thermovibrio*	1
921	*Thermus*	1
922	*Thioalkalivibrio*	1
923	*Thioalkalivibrio denitrificans*	1
924	*Thioalkalivibrio halophilus*	1
925	*Thioalkalivibrio jannaschii*	1
926	*Thioalkalivibrio nitratireducens*	1
927	*Thioalkalivibrio nitratis*	1
928	*Thioalkalivibrio paradoxus*	1
929	*Thioalkalivibrio sulfidiphilus*	1
930	*Thioalkalivibrio thiocyanodenitrificans*	1
931	*Thioalkalivibrio thiocyanoxidans*	1
932	*Thioalkalivibrio versutus*	1
933	*Thiobaca*	1
934	*Thiobacillus*	1
935	*Thiocapsa*	1
936	*Thiococcus*	1
937	*Thiocystis*	1
938	*Thiodictyon*	1
939	*Thiolamprovum*	1
940	*Thiomicrospira*	1
941	*Thiomonas*	1
942	*Thiopedia*	1
943	*Thiorhodoccocus*	1
944	*Thiorhodovibrio*	1

945	*Thiothrix*	1	
946	*Tindallia*	1	
947	*Tolumonas*	1	
948	*Trabulsiella*	1	
949	*Treponema minutum*	1	
950	*Treponema refringens*	1	
951	*Trichococcus*	1	
952	*Trichormus azollae*	1	before *Anabaena azollae*, also named *Nostoc azollae* and *Anabaena variabilis* status *azollae*
953	*Trichormus variabilis* strain ATCC 29413	1	before *Anabaena variabilis* strain ATCC 29413
954	*Turicibacter*	1	
955	*Ulvibacter*	1	
956	*Ureibacillus*	1	
957	*Variovorax*	1	
958	*Verrucomicrobium*	1	
959	*Verrucosispora*	1	
960	*Victivallis*	1	
961	*Virgibacillus*	1	
962	*Virgisporangium*	1	
963	*Vitreoscilla*	1	
964	*Vogesella*	1	
965	*Vulcanithermus*	1	
966	*Weeksella*	1	
967	*Weissella*	1	
968	*Westiella intricata* strain UH HT-29-1	1	
969	*Wolbachia*	1	
970	*Wolinella*	1	
971	*Woodsholea*	1	
972	*Xanthobacter*	1	
973	*Xenophilus*	1	
974	*Xenorhabdus*	1	
975	*Xylanibacterium*	1	
976	*Xylanimicrobium*	1	
977	*Xylanimonas*	1	
978	*Yaniella*	1	
979	*Zavarzinia*	1	
980	*Zobellia*	1	
981	*Zoogloea*	1	
982	*Zooshikella*	1	

983	*Zymobacter*	1
984	*Zymomonas*	1
985	*Zymophilus*	1

With the exeption of plant pathogenic *Streptomyces* species and *Streptomyces somaliensis*

≡ No concensus regarding nomenclature: synonyms can both be used

Table 2. List with pathogenic bacteria, sorted alphabetically

No.	*Genus/ species/* strain	Class	A/P	Remarks/division in subspecies
1	*Abiotrophia defectiva*	2		
2	*Acetivibrio ethanolgignens*	2	A	
3	*Acholeplasma axanthum*	2	A	
4	*Acholeplasma granularum*	2	A	
5	*Acholeplasma hippikon*	2	A	
6	*Acholeplasma laidlawii*	2	A	
7	*Acholeplasma modicum*	2	A	
8	*Acholeplasma oculi*	2	A	
9	*Achromobacter piechaudii*	2		
10	*Achromobacter xylosoxidans*	2		
11	*Acidaminococcus fermentans*	2		
12	*Acidaminococcus intestini*	2		
13	*Acidovorax anthurii*	2	P	
14	*Acidovorax avenae*	2	P	
15	*Acidovorax konjaci*	2	P	
16	*Acidovorax valerianellae*	2	P	
17	*Acinetobacter baumannii*	2		
18	*Acinetobacter calcoaceticus*	2		
19	*Acinetobacter haemolyticus*	2		
20	*Acinetobacter johnsonii*	2		
21	*Acinetobacter junii*	2		
22	*Acinetobacter lwoffii*	2		
23	*Acinetobacter parvus*	2		
24	*Acinetobacter ursingii*	2		
25	*Actinobacillus pleuropneumoniae*	2	A	
26	*Actinobacillus capsulatus*	2	A	
27	*Actinobacillus equuli*	2		including subspecies *Actinobacillus equuli* subsp. *equuli and Actinobacillus equuli* subsp. *haemolyticus*
28	*Actinobacillus hominis*	2		
29	*Actinobacillus lignieresii*	2		
30	*Actinobacillus rossii*	2	A	
31	*Actinobacillus seminis*	2	A	
32	*Actinobacillus suis*	2		
33	*Actinobacillus ureae*	2		
34	*Actinobaculum massiliense*	2		
35	*Actinobaculum suis*	2	A	

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
36	*Actinomadura chibensis*	2		
37	*Actinomadura latina*	2		
38	*Actinomadura madurae*	2		
39	*Actinomadura pelletieri*	2		
40	*Actinomyces bovis*	2	A	
41	*Actinomyces bowdenii*	2	A	
42	*Actinomyces canis*	2	A	
43	*Actinomyces cardiffensis*	2		
44	*Actinomyces catuli*	2	A	
45	*Actinomyces europaeus*	2		
46	*Actinomyces funkei*	2		
47	*Actinomyces gerencseriae*	2		
48	*Actinomyces graevenitzii*	2		
49	*Actinomyces hongkongensis*	2		
50	*Actinomyces hordeovulneris*	2	A	
51	*Actinomyces hyovaginalis*	2	A	
52	*Actinomyces israelii*	2		
53	*Actinomyces marimammalium*	2		
54	*Actinomyces meyeri*	2		
55	*Actinomyces naeslundii*	2		
56	*Actinomyces neuii* subsp. *anitratius*	2		
57	*Actinomyces neuii* subsp. *neuii*	2		
58	*Actinomyces odontolyticus*	2		
59	*Actinomyces radicidentis*	2		
60	*Actinomyces radingae*	2		
61	*Actinomyces suimastitidis*	2	A	
62	*Actinomyces turicensis*	2		
63	*Actinomyces vaccimaxillae*	2	A	
64	*Actinomyces viscosus*	2		
65	*Actinotignum schaalii*	2		
66	*Actinotignum urinale*	2		
67	*Aegyptianella pullorum*	2	A	
68	*Aerococcus urinae*	2		
69	*Aerococcus viridans*	2		
70	*Aeromonas allosaccharophila*	2		
71	*Aeromonas caviae*	2		
72	*Aeromonas dhakensis*	2		

No.	*Genus/ species/* strain	Class	A/P	Remarks/division in subspecies
73	*Aeromonas enteropelogenes*	2		
74	*Aeromonas hydrophila* subsp. *anaerogenes*	2		
75	*Aeromonas hydrophila* subsp. *hydrophila*	2		
76	*Aeromonas jandaei*	2		
77	*Aeromonas piscicola*	2		Pathogenic for fish, pathogenicity for humans cannot be excluded
78	*Aeromonas salmonicida* subsp. *masoucida*	2	A	
79	*Aeromonas salmonicida* subsp. *salmonicida*	2	A	
80	*Aeromonas salmonicida* subsp. *smithia*	2	A	
81	*Aeromonas schubertii*	2		
82	*Aeromonas sobria*	2		
83	*Aeromonas veronii*	2		
84	*Afipia broomeae*	2		
85	*Afipia clevelandensis*	2		
86	*Afipia felis*	2		
87	*Aggregatibacter actinomycetemcomitans*	2		
88	*Aggregatibacter aphrophilus*	2		
89	*Aggregatibacter segnis*	2		
90	*Alcaligenes faecalis* subsp. *faecalis*	2		
91	*Aliivibrio salmonicida*	2	A	
92	*Aliivibrio wodanis*	2		
93	*Alistipes putredinis*	2		
94	*Alistipes shahii*	2		
95	*Alloiococcus otitis*	2		
96	*Alloprevotella tannerae*	2		
97	*Allorhizobium vitis*	2	P	
98	*Amycolatopsis benzoatilytica*	2	A	
99	*Amycolatopsis kentuckyensis*	2	A	
100	*Amycolatopsis lexintonensis*	2	A	
101	*Amycolatopsis pretoriensis*	2	A	
102	*Anaerobiospirillum succiniciproducens*	2		
103	*Anaerobiospirillum thomasii*	2		
104	*Anaerococcus prevotii*	2		
105	*Anaerococcus vaginalis*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
106	*Anaerorhabdus furcosa*	2		
107	*Anaerospora hongkongensis*	2		
108	*Anaplasma caudatum*	2	A	
109	*Anaplasma centrale*	2	A	
110	*Anaplasma marginale*	2	A	
111	*Anaplasma ovis*	2	A	
112	*Anaplasma phagocytophilum*	2		
113	*Anaplasma platys*	2	A	
114	*Arcanobacterium haemolyticum*	2		
115	*Arcanobacterium phocae*	2	A	
116	*Arcobacter butzleri*	2		
117	*Arcobacter cibarius*	2		
118	*Arcobacter cryaerophilus*	2		
119	*Arthrobacter gandavensis*	2	A	
120	*Arthrobacter luteolus*	2		
121	*Arthrobacter woluwensis*	2		
122	*Atopobium fossor*	2	A	
123	*Atopobium minutum*	2		
124	*Atopobium parvulum*	2		
125	*Atopobium rimae*	2		
126	*Atopobium vaginae*	2		
127	*Avibacterium endocarditidis*	2	A	
128	*Avibacterium gallinarum*	2		
129	*Avibacterium paragallinarum*	2	A	
130	*Bacillus anthracis*	3		
131	*Bacillus anthracis* strain Sterne	2		
132	*Bacillus cereus*	2		
133	*Bacillus idriensis*	2		
134	*Bacillus infantis*	2		
135	*Bacillus megaterium*	2	P	
136	*Bacillus pumilus*	2	P	
137	*Bacillus thuringiensis*	2	A	
138	*Bacillus weihenstephanensis*	2		
139	*Bacteroides caccae*	2		
140	*Bacteroides cellulosilyticus*	2		
141	*Bacteroides coagulans*	2		
142	*Bacteroides eggerthii*	2		
143	*Bacteroides fragilis*	2		

No.	*Genus/ species/* strain	Class	A/P	Remarks/division in subspecies
144	*Bacteroides helcogenes*	2	A	
145	*Bacteroides massiliensis*	2		
146	*Bacteroides nordii*	2		
147	*Bacteroides ovatus*	2		
148	*Bacteroides pyogenes*	2	A	
149	*Bacteroides salyersiae*	2		
150	*Bacteroides stercoris*	2		
151	*Bacteroides thetaiotaomicron*	2		
152	*Bacteroides uniformis*	2		
153	*Bacteroides vulgatus*	2		
154	*Bacteroides xylanisolvens*	2		
155	*Balneatrix alpica*	2		
156	*Bartonella alsatica*	2		
157	*Bartonella bacilliformis*	2		
158	*Bartonella birtlesii*	2	A	
159	*Bartonella bovis*	2	A	
160	*Bartonella capreoli*	2	A	
161	*Bartonella clarridgeiae*	2		
162	*Bartonella doshiae*	2	A	
163	*Bartonella grahamii*	2		
164	*Bartonella henselae*	2		
165	*Bartonella peromysci*	2		
166	*Bartonella quintana*	2		
167	*Bartonella schoenbuchensis*	2		
168	*Bartonella talpae*	2		
169	*Bartonella tribocorum*	2		
170	*Bergeyella zoohelcum*	2		
171	*Bibersteinia trehalosi*	2		
172	*Bifidobacterium dentium*	2		
173	*Bilophila wadsworthia*	2		
174	*Bordetella avium*	2	A	
175	*Bordetella bronchiseptica*	2		
176	*Bordetella hinzii*	2		
177	*Bordetella holmesii*	2		
178	*Bordetella parapertussis*	2		
179	*Bordetella pertussis*	2		
180	*Bordetella trematum*	2		
181	*Borrelia afzelii*	2		

No.	*Genus/ species/* strain	Class	A/P	Remarks/division in subspecies
182	*Borrelia anserina*	2	A	
183	*Borrelia baltazardii*	2		
184	*Borrelia brasiliensis*	2	A	
185	*Borrelia caucasica*	2		
186	*Borrelia coriaceae*	2	A	
187	*Borrelia crocidurae*	2		
188	*Borrelia dugesii*	2	A	
189	*Borrelia duttonii*	2		
190	*Borrelia graingeri*	2		
191	*Borrelia harveyi*	2	A	
192	*Borrelia hermsii*	2		
193	*Borrelia hispanica*	2		
194	*Borrelia latyschewii*	2		
195	*Borrelia mazzottii*	2		
196	*Borrelia miyamotoi*	2		
197	*Borrelia parkeri*	2		
198	*Borrelia persica*	2		
199	*Borrelia recurrentis*	2		
200	*Borrelia theileri*	2	A	
201	*Borrelia tillae*	2	A	
202	*Borrelia turicatae*	2		
203	*Borrelia valaisiana*	2		
204	*Borrelia venezuelensis*	2		
205	*Borreliella burgdorferi*	2		
206	*Borreliella garinii*	2		
207	*Borreliella spielmanii*	2		
208	*Brachyspira aalborgi*	2		
209	*Brachyspira alvinipulli*	2	A	
210	*Brachyspira hyodysenteriae*	2	A	
211	*Brachyspira innocens*	2		
212	*Brachyspira intermedia*	2	A	
213	*Brachyspira pilosicoli*	2		
214	*Brackiella oedipodis*	2	A	
215	*Brenneria alni*	2	P	
216	*Brenneria nigrifluens*	2	P	
217	*Brenneria rubrifaciens*	2	P	
218	*Brenneria salicis*	2	P	
219	*Brevibacterium avium*	2	A	

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
220	*Brevibacterium mcbrellneri*	2		
221	*Brevibacterium otitidis*	2		
222	*Brevibacterium paucivorans*	2		
223	*Brevibacterium sanguinis*	2		
224	*Brevinema andersonii*	2	A	
225	*Brevundimonas vesicularis*	2		
226	*Brucella melitensis*	3		≡ *Brucella abortus, Brucella canis, Brucella ovis, Brucella suis*
227	*Bulleidia extructa*	2		
228	*Burkholderia ambifaria*	2		
229	*Burkholderia cenocepacia*	2		
230	*Burkholderia cepacia*	2	P	
231	*Burkholderia dolosa*	2		
232	*Burkholderia gladioli*	2	P	
233	*Burkholderia glumae*	2	P	
234	*Burkholderia mallei*	3		
235	*Burkholderia multivorans*	2		
236	*Burkholderia plantarii*	2	P	
237	*Burkholderia pseudomallei*	3		
238	*Burkholderia stabilis*	2		
239	*Burkholderia thailandensis* strain E264	2	A	
240	*Burkholderia vietnamensis*	2		
241	*Butyribacterium methylotrophicum*	2		
242	*Campylobacter coli*	2		
243	*Campylobacter concisus*	2		
244	*Campylobacter curvus*	2		
245	*Campylobacter fetus*	2		including subspecies *Campylobacter fetus* subsp. *fetus*, *Campylobacter fetus* subsp. *testudinum* and *Campylobacter fetus* subsp. *venerealis*
246	*Campylobacter gracilis*	2		
247	*Campylobacter hyointestinalis*	2		including subspecies *Campylobacter hyointestinalis* subsp. *hyotestinalis* and *Campylobacter hyointestinalis* subsp. *lawsonii*
248	*Campylobacter jejuni*	2		including subspecies *Campylobacter jejuni* subsp. *jejuni and Campylobacter jejuni* subsp. *doylei*

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
249	*Campylobacter lari*	2		including subspecies *Campylobacter lari* subsp. *lari* and *Campylobacter lari* subsp. *concheus*
250	*Campylobacter mucosalis*	2	A	
251	*Campylobacter rectus*	2		
252	*Campylobacter sputorum*	2		including subspecies *Campylobacter sputorum* subsp. *bubulus* and *Campylobacter sputorum* subsp. *sputorum*
253	*Campylobacter upsaliensis*	2		
254	*Campylobacter ureolyticus*	2		
255	*Capnocytophaga canimorsus*	2		
256	*Capnocytophaga cynodegmi*	2		
257	*Capnocytophaga gingivalis*	2		
258	*Capnocytophaga granulosa*	2		
259	*Capnocytophaga haemolytica*	2		
260	*Capnocytophaga ochracea*	2		
261	*Capnocytophaga sputigena*	2		
262	*Cardiobacterium hominis*	2		
263	*Cardiobacterium valvarum*	2		
264	*Carnobacterium maltaromaticum*	2	A	
265	*Castellaniella defragrans*	2		
266	*Catonella morbi*	2		
267	*Cedecea davisae*	2		
268	*Cedecea lapagei*	2		
269	*Cedecea neteri*	2		
270	*Cellulomonas hominis*	2		
271	*Centipeda periodontii*	2		
272	*Chlamydia felis*	2		
273	*Chlamydia muridarum*	2	A	
274	*Chlamydia trachomatis*	2		
275	*Chlamydophila abortus*	2		
276	*Chlamydophila caviae*	2	A	
277	*Chlamydophila pecorum*	2	A	
278	*Chlamydophila pneumoniae*	2		
279	*Chlamydophila psittaci*	2		
280	*Chromobacterium haemolyticum*	2		
281	*Chromobacterium violaceum*	2		
282	*Chryseobacterium gleum*	2		
283	*Chryseobacterium indologenes*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
284	*Chryseobacterium scophthalmum*	2	A	
285	*Citrobacter amalonaticus*	2		
286	*Citrobacter braakii*	2		
287	*Citrobacter farmeri*	2		
288	*Citrobacter freundii*	2		
289	*Citrobacter gillenii*	2		
290	*Citrobacter koseri*	2		
291	*Citrobacter murliniae*	2		
292	*Citrobacter rodentium*	2	A	
293	*Citrobacter sedlakii*	2		
294	*Citrobacter werkmanii*	2		
295	*Citrobacter youngae*	2		
296	*Clavibacter michiganensis*	2	P	including subspecies *Clavibacter michiganensis* subsp. *californiensis*, *Clavibacter michiganensis* subsp. *chilensis*, *Clavibacter michiganensis* subsp. *michiganensis* and *Clavibacter michiganensis* subsp. *phaseoli*
297	*Clostridioides difficile*	2		
298	*Clostridium aldenense*	2		
299	*Clostridium argentinense*	2		
300	*Clostridium baratii*	2		
301	*Clostridium botulinum*	2		
302	*Clostridium cadaveris*	2		
303	*Clostridium carnis*	2		
304	*Clostridium chauvoei*	2		
305	*Clostridium citroniae*	2		
306	*Clostridium clostridioforme*	2		
307	*Clostridium colinum*	2	A	
308	*Clostridium fallax*	2		
309	*Clostridium frigidicarnis*	2		
310	*Clostridium haemolyticum*	2		
311	*Clostridium indolis*	2		
312	*Clostridium innocuum*	2		
313	*Clostridium malenominatum*	2		
314	*Clostridium moniliforme*	2		
315	*Clostridium novyi*	2		
316	*Clostridium paraputrificum*	2		
317	*Clostridium perfringens*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
318	*Clostridium piliforme*	2	A	
319	*Clostridium puniceum*	2	P	
320	*Clostridium ramosum*	2		
321	*Clostridium sardiniense*	2		
322	*Clostridium schirmacherense*	2		
323	*Clostridium septicum*	2		
324	*Clostridium sphenoides*	2		
325	*Clostridium sporogenes*	2		
326	*Clostridium subterminale*	2		
327	*Clostridium symbiosum*	2		
328	*Clostridium tarantellae*	2	A	
329	*Clostridium tertium*	2		
330	*Clostridium tetani*	2		
331	*Collinsella aerofaciens*	2		
332	*Comamonas aquatica*	2		
333	*Comamonas kerstersii*	2		
334	*Comamonas terrigena*	2		
335	*Corynebacterium accolens*	2		
336	*Corynebacterium afermentans*	2		including subspecies *Corynebacterium afermentans* subsp. *Afermentansen* and *Corynebacterium afermentans* subsp. *lipophilum*
337	*Corynebacterium amycolatum*	2		
338	*Corynebacterium argentoratense*	2		
339	*Corynebacterium aurimucosum*	2		
340	*Corynebacterium auris*	2		
341	*Corynebacterium auriscanis*	2	A	
342	*Corynebacterium beticola*	2	P	
343	*Corynebacterium bovis*	2		
344	*Corynebacterium camporealensis*	2	A	
345	*Corynebacterium caspium*	2		
346	*Corynebacterium confusum*	2		
347	*Corynebacterium coyleae*	2		
348	*Corynebacterium cystitidis*	2	A	
349	*Corynebacterium diphteriae*	2		
350	*Corynebacterium falsenii*	2		
351	*Corynebacterium felinum*	2		
352	*Corynebacterium freneyi*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
353	*Corynebacterium glucuronolyticum*	2		
354	*Corynebacterium hansenii*	2		
355	*Corynebacterium imitans*	2		
356	*Corynebacterium jeikeium*	2		
357	*Corynebacterium macginleyi*	2		
358	*Corynebacterium mastitidis*	2	A	
359	*Corynebacterium matruchotii*	2		
360	*Corynebacterium minutissimum*	2		
361	*Corynebacterium mucifaciens*	2		
362	*Corynebacterium mycetoides*	2		
363	*Corynebacterium phocae*	2		
364	*Corynebacterium pilosum*	2		
365	*Corynebacterium propinquum*	2		
366	*Corynebacterium pseudodiphteriticum*	2		
367	*Corynebacterium pseudotuberculosis*	2		
368	*Corynebacterium renale*	2	A	
369	*Corynebacterium resistens*	2		
370	*Corynebacterium riegelii*	2		
371	*Corynebacterium simulans*	2		
372	*Corynebacterium striatum*	2		
373	*Corynebacterium suicordis*	2	A	
374	*Corynebacterium sundsvallense*	2		
375	*Corynebacterium testudinoris*	2		
376	*Corynebacterium thomssenii*	2		
377	*Corynebacterium tuberculostearicum*	2		
378	*Corynebacterium tuscaniense*	2		
379	*Corynebacterium ulcerans*	2		
380	*Corynebacterium urealyticum*	2		
381	*Corynebacterium ureicelerivorans*	2		
382	*Corynebacterium xerosis*	2		
383	*Coxiella burnetii*	3		
384	*Cronobacter dublinensis*	2		including subspecies *Cronobacter dublinensis* subsp. *dublinensis*, *Cronobacter dublinensis* subsp. *lactaridi* and *Cronobacter dublinensis* subsp. *lausannensis*
385	*Cronobacter malonaticus*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
386	*Cronobacter muytjensii*	2		
387	*Cronobacter sakazakii*	2		
388	*Cronobacter turicensis*	2		
389	*Crossiella equi*	2	A	
390	*Cupriavidus respiraculi*	2		
391	*Curtobacterium flaccumfaciens*	2	P	
392	*Cutibacterium acnes*	2		
393	*Cutibacterium avidum*	2		
394	*Cutibacterium granulosum*	2		
395	*Cytophaga allerginae*	2		
396	*Delftia acidovorans*	2		
397	*Dermatophilus congolensis*	2		
398	*Desulfomicrobium orale*	2		
399	*Dialister invisus*	2		
400	*Dialister pneumosintes*	2		
401	*Dichelobacter nodosus*	2	A	
402	*Dickeya chrysanthemi*	2	P	
403	*Dickeya dadantii*	2	P	including subspecies *Dickeya dadantii* subsp. *dadantii* and *Dickeya dadantii* subsp. *dieffenbachiae* (before *Dickeya dieffenbachiae*)
404	*Dickeya dianthicola*	2	P	
405	*Dickeya paradisiaca*	2	P	
406	*Dickeya zeae*	2	P	
407	*Dolosigranulum pigrum*	2		
408	*Edwardsiella ictaluri*	2	A	
409	*Edwardsiella tarda*	2		≡ *Edwardsiella anguillimortifera*
410	*Eggerthella lenta*	2		
411	*Eggerthella sinensis*	2		
412	*Eggerthia catenaformis*	2		
413	*Ehrlichia canis*	2		
414	*Ehrlichia chaffeensis*	2		
415	*Ehrlichia ewingii*	2		
416	*Ehrlichia ruminantium*	2		
417	*Eikenella corrodens*	2		
418	*Elizabethkingia meningoseptica*	2		
419	*Empedobacter brevis*	2		
420	*Enterobacter asburiae*	2		
421	*Enterobacter cancerogenus*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
422	*Enterobacter cloacae*	2	P	including subspecies *Enterobacter cloacae* subsp. *cloacae* and *Enterobacter cloacae* subsp. *dissolvens*
423	*Enterobacter hormaechei*	2		including subspecies *Enterobacter hormaechei* subsp. *hormaechei*, *Enterobacter hormaechei* subsp. *oharae* and *Enterobacter hormaechei* subsp. *steigerwaltii*
424	*Enterobacter kobei*	2		
425	*Enterococcus avium*	2		
426	*Enterococcus casseliflavus*	2		
427	*Enterococcus dispar*	2		
428	*Enterococcus durans*	2		
429	*Enterococcus faecalis*	2		
430	*Enterococcus faecium*	2		
431	*Enterococcus gallinarum*	2		
432	*Enterococcus hirae*	2		
433	*Enterococcus pseudoavium*	2	A	
434	*Enterococcus raffinosus*	2		
435	*Enterococcus ratti*	2	A	
436	*Enterococcus villorum*	2	A	
437	*Eperythrozoon parvum*	2	A	
438	*Erwinia amylovora*	2	P	
439	*Erwinia mallotivora*	2	P	
440	*Erwinia papayae*	2	P	
441	*Erwinia persicina*	2	P	
442	*Erwinia psidii*	2	P	
443	*Erwinia pyrifoliae*	2	P	
444	*Erwinia rhapontici*	2	P	
445	*Erwinia tracheiphila*	2	P	
446	*Erysipelothrix rhusiopathiae*	2		
447	*Erysipelothrix tonsillarum*	2	A	
448	*Escherichia albertii*	2		
449	*Escherichia coli*	2		
450	*Escherichia coli,* hemolytic uremic syndrome-associated (HUSEC)	3		
451	*Escherichia fergusonii*	2		
452	*Escherichia hermannii*	2		
453	*Escherichia vulneris*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
454	*Eubacterium brachy*	2		
455	*Eubacterium combesii*	2		
456	*Eubacterium infirmum*	2		
457	*Eubacterium limosum*	2		
458	*Eubacterium minutum*	2		
459	*Eubacterium nitritogenes*	2		
460	*Eubacterium nodatum*	2		
461	*Eubacterium saphenum*	2		
462	*Eubacterium sulci*	2		
463	*Eubacterium tenue*	2		
464	*Eubacterium tortuosum*	2		
465	*Eubacterium ventriosum*	2		
466	*Eubacterium yurii*	2		
467	*Ewingella americana*	2	P	
468	*Facklamia hominis*	2		
469	*Faecalibacterium prausnitzii*	2		
470	*Faecalicatena contorta*	2		
471	*Faecalicatena orotica*	2		
472	*Filifactor alocis*	2		
473	*Finegoldia magna*	2		
474	*Flavobacterium branchiophilum*	2	A	
475	*Flavobacterium columnare*	2	A	
476	*Flavobacterium hydatis*	2		
477	*Flavobacterium johnsoniae*	2	A	
478	*Flavobacterium psychrophilum*	2	A	
479	*Francisella noatunensis*	2	A	
480	*Francisella philomiragia*	2	A	
481	*Francisella tularensis*	3		
482	*Francisella tularensis* subsp. *holarctica*	3		
483	*Francisella tularensis* subsp. *mediasiatica*	3		
484	*Francisella tularensis* subsp. *novicida*	2		before *Francisella novicida*
485	*Francisella tularensis* subsp. *tularensis*	3		
486	*Fusobacterium canifelinum*	2		
487	*Fusobacterium equinum*	2	A	
488	*Fusobacterium gonidiaformans*	2		
489	*Fusobacterium mortiferum*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
490	*Fusobacterium naviforme*	2		
491	*Fusobacterium necrogenes*	2		
492	*Fusobacterium necrophorum*	2		including subspecies *Fusobacterium necrophorum* subsp. *funduliforme* and *Fusobacterium necrophorum* subsp. *necrophorum*
493	*Fusobacterium periodonticum*	2		
494	*Fusobacterium russii*	2		
495	*Fusobacterium ulcerans*	2		
496	*Gallibacterium anatis*	2	A	
497	*Gardnerella vaginalis*	2		
498	*Gemella bergeri*	2		
499	*Gemella cuniculi*	2	A	
500	*Gemella haemolysans*	2		
501	*Gemella morbillorum*	2		
502	*Gemella sanguinis*	2		
503	*Globicatella sanguinis*	2		
504	*Globicatella sulfidifaciens*	2	A	
505	*Gluconobacter oxydans*	2	P	
506	*Glutamicibacter creatinolyticus*	2		
507	*Gordonia aichiensis*	2		
508	*Gordonia bronchialis*	2		
509	*Gordonia effusa*	2		
510	*Gordonia otitidis*	2		
511	*Gordonia sputi*	2		
512	*Gordonia wrightpattersonensis*	2		
513	*Granulicatella adiacens*	2		
514	*Granulicatella balaenopterae*	2		
515	*Granulicatella elegans*	2		
516	*Grimontia hollisae*	2		
517	*Haemophilus aegyptius*	2		
518	*Haemophilus ducreyi*	2		
519	*Haemophilus felis*	2	A	
520	*Haemophilus haemoglobinophilus*	2		
521	*Haemophilus haemolyticus*	2		
522	*Haemophilus influenzae*	2		
523	*Haemophilus paracuniculus*	2	A	
524	*Haemophilus parahaemolyticus*	2		
525	*Haemophilus parainfluenzae*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
526	*Haemophilus paraphrohaemolyticus*	2		
527	*Haemophilus parasuis*	2	A	
528	*Haemophilus piscium*	2	A	
529	*Haemophilus pittmaniae*	2		
530	*Hafnia alvei*	2		
531	*Hallella seregens*	2		
532	*Hathewaya histolytica*	2		
533	*Hathewaya limosa*	2		
534	*Helcococcus kunzii*	2		
535	*Helcococcus ovis*	2	A	
536	*Helicobacter acinonychis*	2	A	
537	*Helicobacter canis*	2		
538	*Helicobacter cinaedi*	2		
539	*Helicobacter fennelliae*	2		
540	*Helicobacter hepaticus*	2		
541	*Helicobacter mustelae*	2		
542	*Helicobacter pullorum*	2		
543	*Helicobacter pylori*	2		
544	*Helicobacter suis*	2		
545	*Herbaspirillum rubrisubalbicans*	2	P	
546	*Histophilus somni*	2	A	
547	*Ignavigranum ruoffiae*	2		
548	*Janthinobacterium agaricidamnosum*	2	P	
549	*Johnsonella ignava*	2		
550	*Jonesia denitrificans*	2	A	
551	*Kerstersia gyiorum*	2		
552	*Kingella denitrificans*	2		
553	*Kingella kingae*	2		
554	*Kingella oralis*	2		
555	*Kingella potus*	2		
556	*Klebsiella aerogenes*	2		
557	*Klebsiella granulomatis*	2		
558	*Klebsiella oxytoca*	2		
559	*Klebsiella pneumoniae*	2		including subspecies *Klebsiella pneumoniae* subsp. *ozaenae*, *Klebsiella pneumoniae* subsp. *pneumoniae* and *Klebsiella pneumoniae* subsp. *rhinoscleromatis*

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
560	*Klebsiella pneumoniae* strain CSUB10R	2		
561	*Klebsiella variicola*	2		
562	*Kluyvera ascorbata*	2		
563	*Kluyvera cryocrescens*	2		
564	*Kluyvera intermedia*	2		
565	*Kosakonia cowanii*	2		
566	*Lactobacillus psittaci*	2		
567	*Lactococcus garvieae*	2		including subspecies *Lactococcus garvieae* subsp. *bovis* and *Lactococcus garvieae* subsp. *garvieae* (before *Enterococcus seriolicida*)
568	*Lawsonia intracellularis*	2	A	
569	*Leclercia adecarboxylata*	2		
570	*Legionella anisa*	2		
571	*Legionella birminghamensis*	2		
572	*Legionella bozemanae*	2		
573	*Legionella cincinnatiensis*	2		
574	*Legionella dumoffii*	2		
575	*Legionella feeleii*	2		
576	*Legionella gormanii*	2		
577	*Legionella hackeliae*	2		
578	*Legionella impletisoli*	2		
579	*Legionella jordanis*	2		
580	*Legionella lansingensis*	2		
581	*Legionella longbeachae*	2		
582	*Legionella lytica*	2		
583	*Legionella oakridgensis*	2		
584	*Legionella pneumophila*	2		including subspecies *Legionella pneumophila* subsp. *fraseri*, *Legionella pneumophila* subsp. *pascullei* and *Legionella pneumophila* subsp. *pneumophila*
585	*Legionella sainthelensi*	2		
586	*Legionella tucsonensis*	2		
587	*Legionella wadsworthii*	2		
588	*Legionella yabuuchiae*	2		
589	*Leifsonia antartica*	2		
590	*Leifsonia aquatica*	2		
591	*Leifsonia bigeumensis*	2		

No.	*Genus/ species/* strain	Class	A/P	Remarks/division in subspecies
592	*Leifsonia kafniensis*	2		
593	*Leifsonia lichenia*	2		
594	*Leifsonia naganoensis*	2		
595	*Leifsonia poae*	2		
596	*Leifsonia psychrotolerans*	2		
597	*Leifsonia rubra*	2		
598	*Leifsonia shinshuensis*	2		
599	*Leifsonia soli*	2		
600	*Leifsonia xyli*	2	P	including subspecies *Leifsonia xyli* subsp. *cynodontis* (before *Leifsonia cynodontis*) and *Leifsonia xyli* subsp. *xyli*
601	*Lelliottia amnigena*	2		
602	*Lelliottia nimipressuralis*	2	P	
603	*Leptospira alexanderi*	2		
604	*Leptospira borgpetersenii*	2		
605	*Leptospira inadai*	2		
606	*Leptospira interrogans*	2		
607	*Leptospira kirschneri*	2		
608	*Leptospira noguchii*	2		
609	*Leptospira santarosai*	2		
610	*Leptospira terpstrae*	2		
611	*Leptospira weilii*	2		
612	*Leptospira yanagawae*	2		
613	*Leptotrichia amnionii*	2		
614	*Listeria ivanovii*	2		including subspecies *Listeria ivanovii* subsp. *ivanovii* and *Listeria ivanovii* subsp. *londoniensis*
615	*Listeria monocytogenes*	2		
616	*Lonsdalea quercina*	2	P	
617	*Lysinibacillus sphaericus*	2	A	
618	*Lysinimonas kribbensis*	2		
619	*Macrococcus caseolyticus*	2	A	
620	*Mannheimia glucosida*	2		
621	*Mannheimia granulomatis*	2	A	
622	*Mannheimia haemolytica*	2		
623	*Mannheimia ruminalis*	2		
624	*Mannheimia varigena*	2	A	
625	*Megasphaera elsdenii*	2		
626	*Melissococcus plutonius*	2	A	

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
627	*Microbacterium resistens*	2		
628	*Microterricola pindariensis*	2		
629	*Mitsuokella multacida*	2		
630	*Mobiluncus curtisii*	2		
631	*Mobiluncus mulieris*	2		
632	*Mogibacterium neglectum*	2		
633	*Mogibacterium pumilum*	2		
634	*Mogibacterium timidum*	2		
635	*Mogibacterium vescum*	2		
636	*Moraxella atlantae*	2		
637	*Moraxella caprae*	2		
638	*Moraxella catarrhalis*	2		
639	*Moraxella equi*	2	A	
640	*Moraxella lacunata*	2		
641	*Moraxella nonliquefaciens*	2		
642	*Moraxella osloensis*	2		
643	*Moraxella ovis*	2	A	
644	*Moraxella saccharolytica*	2		
645	*Morganella morganii*	2		including subspecies *Morganella morganii* subsp. *morganii* (before *Proteus morganii*) and *Morganella morganii* subsp. *sibonii*
646	*Morganella psychrotolerans*	2		
647	*Morococcus cerebrosus*	2		
648	*Moryella indoligenes*	2		
649	*Muribacter muris*	2	A	
650	*Mycobacterium africanum*	3		
651	*Mycobacterium arosiense*	2		
652	*Mycobacterium asiaticum*	2		
653	*Mycobacterium avium*	2		including subspecies *Mycobacterium avium* subsp. *avium*, *Mycobacterium avium* subsp. *paratuberculosis* (before *Mycobacterium paratuberculosis*) and *Mycobacterium avium* subsp. *silvaticum*
654	*Mycobacterium bovis*	3		
655	*Mycobacterium branderi*	2		
656	*Mycobacterium celatum*	2		
657	*Mycobacterium chimaera*	2		
658	*Mycobacterium colombiense*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
659	*Mycobacterium conspicuum*	2		
660	*Mycobacterium gastri*	2		
661	*Mycobacterium genavense*	2		
662	*Mycobacterium gordonae*	2		
663	*Mycobacterium hackensackense*	2		
664	*Mycobacterium haemophilum*	2		
665	*Mycobacterium heckeshornense*	2		
666	*Mycobacterium heidelbergense*	2		
667	*Mycobacterium interjectum*	2		
668	*Mycobacterium intermedium*	2		
669	*Mycobacterium intracellulare*	2		
670	*Mycobacterium kansasii*	2		
671	*Mycobacterium kubicae*	2		
672	*Mycobacterium lentiflavum*	2		
673	*Mycobacterium leprae*	3		
674	*Mycobacterium lepraemurium*	2	A	
675	*Mycobacterium malmoense*	2		
676	*Mycobacterium manitobense*	2		
677	*Mycobacterium marinum*	2		
678	*Mycobacterium microti*	3		
679	*Mycobacterium montefiorense*	2	A	
680	*Mycobacterium palustre*	2		
681	*Mycobacterium parascrofulaceum*	2		
682	*Mycobacterium paraseoulense*	2		
683	*Mycobacterium pseudoshottsii*	2	A	
684	*Mycobacterium ratisbonense*	2		
685	*Mycobacterium saskatchewanense*	2		
686	*Mycobacterium scrofulaceum*	2		
687	*Mycobacterium seoulense*	2		
688	*Mycobacterium shimoidei*	2		
689	*Mycobacterium shottsii*	2	A	
690	*Mycobacterium simiae*	2		
691	*Mycobacterium szulgai*	2		
692	*Mycobacterium triplex*	2		
693	*Mycobacterium tuberculosis*	3		
694	*Mycobacterium tuberculosis* strain H37Ra	2		
695	*Mycobacterium ulcerans*	3		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
696	*Mycobacterium xenopi*	2		
697	*Mycobacteroides abscessus*	2		including subspecies *Mycobacteroides abscessus* subsp. *abscessus* (before *Mycobacterium massiliense*), *Mycobacteroides abscessus* subsp. *bolletii* (before *Mycobacterium massiliense*), *Mycobacteroides abscessus* subsp. *massiliense* (before*Mycobacterium massiliense*)
698	*Mycobacteroides chelonae*	2		including subspecies *Mycobacterium chelonae* subsp. *chelonae and Mycobacterium chelonae* subsp. *bovis*. The naming of the subspecies has not officially been changed.
699	*Mycobacteroides immunogenum*	2		
700	*Mycobacteroides salmoniphilum*	2	A	
701	*Mycolicibacter arupensis*	2		
702	*Mycolicibacter kumamotonensis*	2		
703	*Mycolicibacter senuensis*	2		
704	*Mycolicibacterium austroafricanum*	2		
705	*Mycolicibacterium boenickei*	2		
706	*Mycolicibacterium brisbanense*	2		
707	*Mycolicibacterium canariasense*	2		
708	*Mycolicibacterium conceptionense*	2		
709	*Mycolicibacterium cosmeticum*	2		
710	*Mycolicibacterium elephantis*	2		
711	*Mycolicibacterium farcinogenes*	2	A	
712	*Mycolicibacterium flavescens*	2		
713	*Mycolicibacterium fortuitum*	2		including subspecies *Mycolicibacterium fortuitum* subsp. *acetamidolyticum* and *Mycolicibacterium fortuitum* subsp. *fortuitum*
714	*Mycolicibacterium goodii*	2		
715	*Mycolicibacterium houstonense*	2		
716	*Mycolicibacterium insubricum*	2		
717	*Mycolicibacterium monacense*	2		
718	*Mycolicibacterium mucogenicum*	2		
719	*Mycolicibacterium neworleansense*	2		
720	*Mycolicibacterium novocastrense*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
721	*Mycolicibacterium peregrinum*	2		
722	*Mycolicibacterium phocaicum*	2		
723	*Mycolicibacterium porcinum*	2		
724	*Mycolicibacterium senegalense*	2	A	
725	*Mycolicibacterium septicum*	2		
726	*Mycolicibacterium setense*	2		
727	*Mycolicibacterium vaccae*	2		
728	*Mycolicibacterium wolinskyi*	2		
729	*Mycoplasma adleri*	2	A	
730	*Mycoplasma agalactiae*	2	A	
731	*Mycoplasma alkalescens*	2	A	
732	*Mycoplasma anatis*	2	A	
733	*Mycoplasma arginini*	2	A	
734	*Mycoplasma arthritidis*	2	A	
735	*Mycoplasma bovigenitalium*	2	A	
736	*Mycoplasma bovirhinis*	2	A	
737	*Mycoplasma bovis*	2	A	
738	*Mycoplasma bovoculi*	2	A	
739	*Mycoplasma buteonis*	2	A	
740	*Mycoplasma californicum*	2	A	
741	*Mycoplasma canadense*	2	A	
742	*Mycoplasma canis*	2	A	
743	*Mycoplasma capricolum*	2	A	Including subspecies *Mycoplasma capricolum* subsp. *capricolum* and *Mycoplasma capricolum* subsp. *capripneumoniae*
744	*Mycoplasma caviae*	2	A	
745	*Mycoplasma cloacale*	2	A	
746	*Mycoplasma coccoides*	2	A	
747	*Mycoplasma collis*	2	A	
748	*Mycoplasma columbinasale*	2	A	
749	*Mycoplasma conjunctivae*	2	A	
750	*Mycoplasma corogypsi*	2	A	
751	*Mycoplasma cynos*	2	A	
752	*Mycoplasma dispar*	2	A	
753	*Mycoplasma edwardii*	2	A	
754	*Mycoplasma equigenitalium*	2	A	
755	*Mycoplasma equirhinis*	2	A	
756	*Mycoplasma falconis*	2	A	

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
757	*Mycoplasma felis*	2	A	
758	*Mycoplasma fermentans*	2		
759	*Mycoplasma flocculare*	2	A	
760	*Mycoplasma gallinarum*	2	A	
761	*Mycoplasma gallisepticum*	2	A	
762	*Mycoplasma gallopavonis*	2	A	
763	*Mycoplasma gateae*	2	A	
764	*Mycoplasma genitalium*	2		
765	*Mycoplasma glycophilum*	2	A	
766	*Mycoplasma gypis*	2	A	
767	*Mycoplasma haemocanis*	2	A	
768	*Mycoplasma haemofelis*	2	A	
769	*Mycoplasma haemomuris*	2	A	
770	*Mycoplasma hominis*	2		
771	*Mycoplasma hyopneumoniae*	2	A	
772	*Mycoplasma hyorhinis*	2	A	
773	*Mycoplasma hyosynoviae*	2	A	
774	*Mycoplasma imitans*	2	A	
775	*Mycoplasma iowae*	2	A	
776	*Mycoplasma lipofaciens*	2	A	
777	*Mycoplasma maculosum*	2	A	
778	*Mycoplasma meleagridis*	2	A	
779	*Mycoplasma microti*	2	A	
780	*Mycoplasma mycoides*	2	A	including subspecies *Mycoplasma mycoides* subsp. *capri* and *Mycoplasma mycoides* subsp. *mycoides*
781	*Mycoplasma neurolyticum*	2	A	
782	*Mycoplasma ovis*	2	A	
783	*Mycoplasma phocarhinis*	2	A	
784	*Mycoplasma phocicerebrale*	2	A	
785	*Mycoplasma phocidae*	2	A	
786	*Mycoplasma pneumoniae*	2		
787	*Mycoplasma pulmonis*	2	A	
788	*Mycoplasma putrefaciens*	2	A	
789	*Mycoplasma salivarium*	2		
790	*Mycoplasma spumans*	2	A	
791	*Mycoplasma sturni*	2	A	
792	*Mycoplasma suis*	2	A	

No.	*Genus/ species/* strain	Class	A/P	Remarks/division in subspecies
793	*Mycoplasma synoviae*	2	A	
794	*Mycoplasma verecundum*	2	A	
795	*Mycoplasma wenyonii*	2	A	
796	*Myroides odoratus*	2		
797	*Neisseria elongata*	2		including subspecies *Neisseria elongata* subsp. *elongata*, *Neisseria elongata* subsp. *glycolytica* and *Neisseria elongata* subsp. *nitroreducens*
798	*Neisseria flavescens*	2		
799	*Neisseria gonorrhoeae*	2		
800	*Neisseria iguanae*	2	A	
801	*Neisseria lactamica*	2		
802	*Neisseria meningitidis*	2		
803	*Neisseria mucosa*	2		
804	*Neisseria subflava*	2		
805	*Neisseria weaveri*	2		
806	*Neorickettsia risticii*	2		
807	*Neorickettsia sennetsu*	2		
808	*Nocardia abscessus*	2		
809	*Nocardia africana*	2		
810	*Nocardia altamirensis*	2		
811	*Nocardia araoensis*	2		
812	*Nocardia arthritidis*	2		
813	*Nocardia asiatica*	2		
814	*Nocardia asteroides*	2		
815	*Nocardia blacklockiae*	2		
816	*Nocardia brasiliensis*	2		
817	*Nocardia concava*	2		
818	*Nocardia cyriacigeorgica*	2		
819	*Nocardia elegans*	2		
820	*Nocardia exalbida*	2		
821	*Nocardia farcinica*	2		
822	*Nocardia higoensis*	2		
823	*Nocardia ignorata*	2		
824	*Nocardia kruczakiae*	2		
825	*Nocardia mexicana*	2		
826	*Nocardia niigatensis*	2		
827	*Nocardia ninae*	2		

No.	*Genus/ species/* strain	Class	A/P	Remarks/division in subspecies
828	*Nocardia nova*	2		
829	*Nocardia otitidiscaviarum*	2		
830	*Nocardia paucivorans*	2		
831	*Nocardia pneumoniae*	2		
832	*Nocardia pseudobrasiliensis*	2		
833	*Nocardia salmonicida*	2	A	
834	*Nocardia seriolae*	2	A	
835	*Nocardia terpenica*	2		
836	*Nocardia transvalensis*	2		
837	*Nocardia vaccinii*	2	P	
838	*Nocardia veterana*	2		
839	*Nocardia wallacei*	2		
840	*Nocardia yamanashiensis*	2		
841	*Nocardiopsis dassonvillei*	2		including subspecies *Nocardiopsis dassonvillei* subsp. *albirubida* and *Nocardiopsis dassonvillei* subsp. *dassonvillei*
842	*Nocardiopsis ignorata*	2		
843	*Ochrobactrum anthropi*	2		
844	*Ochrobactrum intermedium*	2		
845	*Odoribacter splanchnicus*	2		
846	*Olsenella profusa*	2		
847	*Olsenella uli*	2		
848	*Orientia tsutsugamushi*	3		
849	*Ornithobacterium rhinotracheale*	2	A	
850	*Paenibacillus larvae*	2	A	
851	*Paenibacillus lentimorbus*	2	A	
852	*Paenibacillus popilliae*	2	A	
853	*Paeniclostridium ghonii*	2		
854	*Paeniclostridium sordellii*	2		
855	*Pandoraea apista*	2		
856	*Pandoraea pnomenusa*	2		
857	*Pandoraea pulmonicola*	2		
858	*Pandoraea sputorum*	2		
859	*Pantoea agglomerans*	2		
860	*Pantoea ananatis*	2	P	
861	*Pantoea cypripedii*	2	P	
862	*Pantoea stewartii*	2	P	including subspecies *Pantoea stewartii* subsp. *indologenes* and *Pantoea stewartii* subsp. *stewartii*

No.	*Genus/ species/* strain	Class	A/P	Remarks/division in subspecies
863	*Parabacteroides distasonis*	2		
864	*Paraburkholderia caryophylli*	2	P	
865	*Paraclostridium bifermentans*	2		
866	*Paraeggerthella hongkongensis*	2		
867	*Parvimonas micra*	2		
868	*Pasteurella aerogenes*	2		
869	*Pasteurella bettyae*	2		
870	*Pasteurella caballi*	2		
871	*Pasteurella canis*	2		
872	*Pasteurella dagmatis*	2		
873	*Pasteurella lymphangitidis*	2	A	
874	*Pasteurella mairii*	2	A	
875	*Pasteurella multocida*	2		including subspecies *Pasteurella multocida* subsp. *gallicida*, *Pasteurella multocida* subsp. *multocida* and *Pasteurella multocida* subsp. *septica*
876	*Pasteurella stomatis*	2		
877	*Pasteurella testudinis*	2	A	
878	*Pectobacterium atrosepticum*	2	P	
879	*Pectobacterium betavasculorum*	2	P	
880	*Pectobacterium cacticida*	2	P	
881	*Pectobacterium carotovorum*	2	P	including subspecies *Pectobacterium carotovorum* subsp. c*arotovorum* and *Pectobacterium carotovorum* subsp. o*doriferum*
882	*Pectobacterium wasabiae*	2	P	
883	*Peptococcus niger*	2		
884	*Peptoniphilus asaccharolyticus*	2		
885	*Peptoniphilus gorbachii*	2		
886	*Peptoniphilus harei*	2		
887	*Peptoniphilus indolicus*	2	A	
888	*Peptoniphilus ivorii*	2		
889	*Peptoniphilus lacrimalis*	2		
890	*Peptoniphilus olsenii*	2		
891	*Peptostreptococcus anaerobius*	2		
892	*Photobacterium damselae*	2	A	waaronder subspecies *Photobacterium damselae* subsp. *damselae* en *Photobacterium damselae* subsp. *piscicida*

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
893	*Photorhabdus asymbiotica*	2		including subspecies *Photorhabdus asymbiotica* subsp. *asymbiotica* and *Photorhabdus asymbiotica* subsp. *australis*
894	*Photorhabdus luminescens*	2	A	including subspecies *Photorhabdus luminescens* subsp. *akhurstii, Photorhabdus luminescens* subsp. *caribbeanensis, Photorhabdus luminescens* subsp. *hainanensis, Photorhabdus luminescens* subsp. *kayaii, Photorhabdus luminescens* subsp. *kleinii, Photorhabdus luminescens* subsp. *laumondii, Photorhabdus luminescens* subsp. *luminescens, Photorhabdus luminescens* subsp. *namnaonensis* and *Photorhabdus luminescens* subsp. *noenieputensis*
895	*Piscirickettsia salmonis*	2	A	
896	*Plesiomonas shigelloides*	2		
897	*Pluralibacter gergoviae*	2		
898	*Pluralibacter pyrinus*	2	P	
899	*Porphyromonas asaccharolytica*	2		
900	*Porphyromonas cangingivalis*	2	A	
901	*Porphyromonas canoris*	2	A	
902	*Porphyromonas circumdentaria*	2	A	
903	*Porphyromonas crevioricanis*	2	A	
904	*Porphyromonas endodontalis*	2		
905	*Porphyromonas gingivalis*	2		
906	*Porphyromonas gulae*	2	A	
907	*Porphyromonas levii*	2		
908	*Porphyromonas macacae*	2	A	
909	*Prevotella albensis*	2		
910	*Prevotella bergensis*	2		
911	*Prevotella bivia*	2		
912	*Prevotella brevis*	2		
913	*Prevotella bryantii*	2		
914	*Prevotella buccae*	2		
915	*Prevotella buccalis*	2		
916	*Prevotella corporis*	2		
917	*Prevotella denticola*	2		
918	*Prevotella disiens*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
919	*Prevotella intermedia*	2		
920	*Prevotella loescheii*	2		
921	*Prevotella melaninogenica*	2		
922	*Prevotella nanceiensis*	2		
923	*Prevotella nigrescens*	2		
924	*Prevotella oralis*	2		
925	*Prevotella oris*	2		
926	*Prevotella pallens*	2		
927	*Propionibacterium australiense*	2	A	
928	*Propionimicrobium lymphophilum*	2		
929	*Proteus hauseri*	2		
930	*Proteus mirabilis*	2		
931	*Proteus penneri*	2		
932	*Proteus vulgaris*	2		
933	*Providencia alcalifaciens*	2		
934	*Providencia rettgeri*	2		≡ *Proteus rettgeri*
935	*Providencia rustigianii*	2		
936	*Providencia stuartii*	2		
937	*Pseudoalteromonas piscicida*	2	A	
938	*Pseudoflavonifractor capillosus*	2		
939	*Pseudoglutamicibacter albus*	2		
940	*Pseudomonas aeruginosa*	2		
941	*Pseudomonas agarici*	2	P	
942	*Pseudomonas alcaligenes*	2		
943	*Pseudomonas amygdali*	2	P	
944	*Pseudomonas anguilliseptica*	2	A	
945	*Pseudomonas asplenii*	2	P	
946	*Pseudomonas avellanae*	2	P	
947	*Pseudomonas cannabina*	2	P	
948	*Pseudomonas caricapapayae*	2	P	
949	*Pseudomonas cichorii*	2	P	
950	*Pseudomonas cissicola*	2	P	
951	*Pseudomonas corrugata*	2	P	
952	*Pseudomonas costantinii*	2	P	
953	*Pseudomonas ficuserectae*	2	P	
954	*Pseudomonas flectens*	2	P	
955	*Pseudomonas fuscovaginae*	2	P	
956	*Pseudomonas luteola*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
957	*Pseudomonas marginalis*	2	P	
958	*Pseudomonas mediterranea*	2	P	
959	*Pseudomonas meliae*	2	P	
960	*Pseudomonas mendocina*	2		
961	*Pseudomonas oryzihabitans*	2		
962	*Pseudomonas otitidis*	2		
963	*Pseudomonas palleroniana*	2	P	
964	*Pseudomonas plecoglossicida*	2		
965	*Pseudomonas protegens*	2	A	
966	*Pseudomonas salomonii*	2	P	
967	*Pseudomonas savastanoi*	2	P	
968	*Pseudomonas simiae*	2		
969	*Pseudomonas stutzeri*	2		
970	*Pseudomonas syringae*	2	P	
971	*Pseudomonas taiwanensis*	2	A	
972	*Pseudomonas tolaasii*	2	P	
973	*Pseudomonas tremae*	2	P	
974	*Pseudomonas viridiflava*	2	P	
975	*Pseudopropionibacterium propionicum*	2		
976	*Pseudoramibacter alactolyticus*	2	A	
977	*Psychrobacter phenylpyruvicus*	2		
978	*Psychrobacter pulmonis*	2		
979	*Ralstonia mannitolytica*	2		
980	*Ralstonia pickettii*	2		
981	*Ralstonia solanacearum*	2	P	
982	*Ralstonia syzygii*	2	P	including subspecies *Ralstonia syzygii* subsp. *celebesensis*, *Ralstonia syzygii* subsp. *indonesiensis* and *Ralstonia syzygii* subsp. *syzygii*
983	*Raoultella ornithinolytica*	2		
984	*Rathayibacter iranicus*	2	P	
985	*Rathayibacter rathayi*	2	P	
986	*Rathayibacter toxicus*	2	P	
987	*Rathayibacter tritici*	2	P	
988	*Renibacterium salmoninarum*	2	A	
989	*Rhizobacter dauci*	2	P	
990	*Rhizobium larrymoorei*	2	P	
991	*Rhizobium radiobacter*	2	P	

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
992	*Rhizobium rhizogenes*	2	P	
993	*Rhizobium rubi*	2	P	
994	*Rhizobium vitis*	2	P	
995	*Rhizorhapis suberifaciens*	2	P	
996	*Rhodococcus fascians*	2	P	
997	*Rhodococcus gordoniae*	2		
998	*Rhodococcus hoagii*	2		≡ *Rhococcus equi, Corynebacterium hoagii*
999	*Rickettsia aeschlimannii*	3		
1000	*Rickettsia africae*	3		
1001	*Rickettsia akari*	3		
1002	*Rickettsia australis*	3		
1003	*Rickettsia bellii*	3		
1004	*Rickettsia canadensis*	3		
1005	*Rickettsia conorii*	3		
1006	*Rickettsia felis*	3		
1007	*Rickettsia honei*	3		
1008	*Rickettsia japonica*	3		
1009	*Rickettsia montanensis*	3		
1010	*Rickettsia prowazekii*	3		
1011	*Rickettsia rickettsii*	3		
1012	*Rickettsia typhi*	3		
1013	*Rickettsiella chironomi*	2	A	
1014	*Rickettsiella grylli*	2	A	
1015	*Rickettsiella popilliae*	2	A	
1016	*Riemerella anatipestifer*	2	A	
1017	*Riemerella columbina*	2	A	
1018	*Robbsia andropogonis*	2	P	
1019	*Rodentibacter pneumotropicus*	2		
1020	*Rothia dentocariosa*	2		
1021	*Rothia mucilaginosa*	2		
1022	*Salmonella bongori*	2		
1023	*Salmonella enterica* subsp. *arizonae*	2		
1024	*Salmonella enterica* subsp. *enterica*	2		≡ *Salmonella enterica*, *Salmonella cholerasuis, Salmonella enteriditis*
1025	*Salmonella enterica* subsp. *enterica* serovar Abortusequi	2	A	≡ *Salmonella* Abortusequi
1026	*Salmonella enterica* subsp. *enterica* serovar Abortusovis	2	A	≡ *Salmonella* Abortusovis

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
1027	*Salmonella enterica* subsp. *enterica* serovar Gallinarum	2	A	≡ *Salmonella* Gallinarum
1028	*Salmonella enterica* subsp. *enterica* serovar Infantis	2		≡ *Salmonella* Infantis
1029	*Salmonella enterica* subsp. *enterica* serovar Paratyphi	2		≡ *Salmonella* Paratyphi
1030	*Salmonella enterica* subsp. *enterica* serovar Poona	2		≡ *Salmonella* Poona
1031	*Salmonella enterica* subsp. *enterica* serovar Pullorum	2	A	≡ *Salmonella* Pullorum
1032	*Salmonella enterica* subsp. *enterica* serovar Typhi	3		≡ *Salmonella* Typhi
1033	*Salmonella enterica* subsp. *enterica* serovar Typhimurium	2		≡ *Salmonella* Typhimurium
1034	*Salmonella enterica* subsp. *enterica* serovar Typhimurium strain TA1535	2		≡ *Salmonella* Typhimurium strain TA1535
1035	*Samsonia erythrinae*	2	P	
1036	*Sanguibacter inulinus*	2		
1037	*Sanguibacter keddieii*	2		
1038	*Sanguibacter suarezii*	2		
1039	*Sedimentibacter hongkongensis*	2		
1040	*Segniliparus rotundus*	2		
1041	*Segniliparus rugosus*	2		
1042	*Selenomonas artemidis*	2		
1043	*Selenomonas dianae*	2		
1044	*Selenomonas flueggei*	2		
1045	*Selenomonas infelix*	2		
1046	*Selenomonas noxia*	2		
1047	*Serratia grimesii*	2		
1048	*Serratia liquefaciens*	2		
1049	*Serratia marcescens*	2	P	including subspecies *Serratia marcescens* subsp. *marcescens* and *Serratia marcescens* subsp. *sakuensis*
1050	*Serratia proteamaculans*	2	P	
1051	*Serratia rubidaea*	2	A	
1052	*Serratia* sp. ATCC 39006	2	P	
1053	*Shewanella algae*	2		
1054	*Shewanella oneidensis*	2		
1055	*Shewanella putrefaciens*	2		
1056	*Shigella boydii*	2		
1057	*Shigella dysenteriae*	3		

No.	*Genus/ species/* strain	Class	A/P	Remarks/division in subspecies
1058	*Shigella flexneri*	2		
1059	*Shigella sonnei*	2		
1060	*Shuttleworthia satelles*	2		
1061	*Slackia exigua*	2		
1062	*Sphingobacterium mizutaii*	2		
1063	*Sphingobacterium multivorum*	2		
1064	*Sphingobacterium spiritivorum*	2		
1065	*Sphingobacterium thalpophilum*	2		
1066	*Sphingomonas melonis*	2	P	
1067	*Sphingomonas parapaucimobilis*	2		
1068	*Sphingomonas paucimobilis*	2		
1069	*Spiroplasma apis*	2	A	
1070	*Spiroplasma citri*	2	P	
1071	*Spiroplasma kunkelii*	2	P	
1072	*Spiroplasma melliferum*	2	A	
1073	*Spiroplasma mirum*	2	A	
1074	*Spiroplasma phoeniceum*	2	P	
1075	*Staphylococcus aureus*	2		including subspecies *Staphylococcus aureus* subsp. *anaerobius* and *Staphylococcus aureus* subsp. *aureus*
1076	*Staphylococcus capitis*	2		including subspecies *Staphylococcus capitis* subsp. *capitis* and *Staphylococcus capitis* subsp. *urealyticus*
1077	*Staphylococcus caprae*	2		
1078	*Staphylococcus cohnii*	2		including subspecies *Staphylococcus cohnii* subsp. *cohnii* and *Staphylococcus cohnii* subsp. *urealyticus*
1079	*Staphylococcus epidermidis*	2		
1080	*Staphylococcus felis*	2	A	
1081	*Staphylococcus haemolyticus*	2		
1082	*Staphylococcus hominis*	2		including subspecies *Staphylococcus hominis* subsp. *hominis* and *Staphylococcus hominis* subsp. *novobiosepticus*
1083	*Staphylococcus hyicus*	2	A	
1084	*Staphylococcus intermedius*	2	A	
1085	*Staphylococcus lugdunensis*	2		
1086	*Staphylococcus lutrae*	2	A	
1087	*Staphylococcus nepalensis*	2		

No.	*Genus/ species/* strain	Class	A/P	Remarks/division in subspecies
1088	*Staphylococcus saccharolyticus*	2		
1089	*Staphylococcus saprophyticus*	2		including subspecies *Staphylococcus saprophyticus* subsp. *bovis* and *Staphylococcus saprophyticus* subsp. *saprophyticus*
1090	*Staphylococcus schleiferi*	2		including subspecies *Staphylococcus schleiferi* subsp. *coagulans* and *Staphylococcus schleiferi* subsp. *schleiferi*
1091	*Staphylococcus simiae*	2	A	
1092	*Staphylococcus simulans*	2		
1093	*Staphylococcus xylosus*	2		
1094	*Stenotrophomonas maltophilia*	2		
1095	*Streptobacillus moniliformis*	2		
1096	*Streptococcus acidominimus*	2		
1097	*Streptococcus agalactiae*	2		
1098	*Streptococcus anginosus*	2		including subspecies *Streptococcus anginosus* subsp. *anginosus* and *Streptococcus anginosus* subsp. *whileyi*
1099	*Streptococcus caballi*	2		
1100	*Streptococcus canis*	2		
1101	*Streptococcus castoreus*	2		
1102	*Streptococcus constellatus*	2		including subspecies *Streptococcus constellatus* subsp. *constellatus*, *Streptococcus constellatus* subsp. *pharyngis* and *Streptococcus constellatus* subsp. *viborgensis*
1103	*Streptococcus didelphis*	2	A	
1104	*Streptococcus dysgalactiae*	2		including subspecies *Streptococcus dysgalactiae* subsp. *dysgalactiae* and *Streptococcus dysgalactiae* subsp. *equisimilis*
1105	*Streptococcus equi*	2		
1106	*Streptococcus equinus*	2		
1107	*Streptococcus gallinaceus*	2		
1108	*Streptococcus gallolyticus*	2		including subspecies *Streptococcus gallolyticus* subsp. *gallolyticus*, *Streptococcus gallolyticus* subsp. *macedonicus* and *Streptococcus gallolyticus* subsp. *pasteurianus*
1109	*Streptococcus halichoeri*	2		
1110	*Streptococcus henryi*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
1111	*Streptococcus iniae*	2		
1112	*Streptococcus lutetiensis*	2		
1113	*Streptococcus massiliensis*	2		
1114	*Streptococcus mitis*	2		
1115	*Streptococcus mutans*	2		
1116	*Streptococcus oralis*	2		including subspecies *Streptococcus oralis* subsp. *dentisani*, *Streptococcus oralis* subsp. *oralis* and *Streptococcus oralis* subsp. *tigurinus*
1117	*Streptococcus ovis*	2	A	
1118	*Streptococcus parasanguinis*	2		
1119	*Streptococcus phocae*	2	A	including subspecies *Streptococcus phocae* subsp. *phocae* and *Streptococcus phocae* subsp. *salmonis*
1120	*Streptococcus pluranimalium*	2	A	
1121	*Streptococcus pneumoniae*	2		
1122	*Streptococcus porcinus*	2		
1123	*Streptococcus pseudopneumoniae*	2		
1124	*Streptococcus pseudoporcinus*	2		
1125	*Streptococcus pyogenes*	2		
1126	*Streptococcus salivarius*	2		including subspecies *Streptococcus salivarius* subsp. *salivarius* and *Streptococcus salivarius* subsp. *thermophilus*
1127	*Streptococcus sanguinis*	2		
1128	*Streptococcus sinensis*	2		
1129	*Streptococcus sobrinus*	2		
1130	*Streptococcus suis*	2		
1131	*Streptococcus uberis*	2		
1132	*Streptomyces acidiscabies*	2	P	
1133	*Streptomyces albidoflavus*	2	P	
1134	*Streptomyces candidus*	2	P	
1135	*Streptomyces collinus*	2	P	
1136	*Streptomyces europaeiscabiei*	2	P	
1137	*Streptomyces intermedius*	2	P	
1138	*Streptomyces ipomoeae*	2	P	
1139	*Streptomyces luridiscabiei*	2	P	
1140	*Streptomyces niveiscabiei*	2	P	
1141	*Streptomyces puniciscabiei*	2	P	
1142	*Streptomyces reticuliscabei*	2	P	

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
1143	*Streptomyces scabiei*	2	P	
1144	*Streptomyces setonii*	2	P	
1145	*Streptomyces somaliensis*	2		
1146	*Streptomyces stelliscabiei*	2	P	
1147	*Streptomyces turgidiscabies*	2	P	
1148	*Streptomyces wedmorensis*	2	P	
1149	*Sutterella wadsworthensis*	2		
1150	*Suttonella indologenes*	2		
1151	*Tannerella forsythia*	2		
1152	*Tatlockia maceachernii*	2		
1153	*Tatlockia micdadei*	2		
1154	*Tatumella ptyseos*	2		
1155	*Taylorella equigenitalis*	2	A	
1156	*Tenacibaculum maritimum*	2	A	
1157	*Tenacibaculum ovolyticum*	2	A	
1158	*Terrisporobacter glycolicus*	2		
1159	*Tetragenococcus solitarius*	2		
1160	*Tissierella praeacuta*	2		
1161	*Treponema amylovorum*	2		
1162	*Treponema brennaborense*	2	A	
1163	*Treponema denticola*	2		
1164	*Treponema lecithinolyticum*	2		
1165	*Treponema maltophilum*	2		
1166	*Treponema medium*	2		
1167	*Treponema pallidum*	2		
1168	*Treponema paraluiscuniculi*	2	A	
1169	*Treponema parvum*	2		
1170	*Treponema pectinovorum*	2		
1171	*Treponema pertenue*	2		
1172	*Treponema socranskii*	2		including subspecies *Treponema socranskii* subsp. *buccale*, *Treponema socranskii* subsp. *socranskii* and *Treponema socranskii* subsp. *paredis*
1173	*Treponema vincentii*	2		
1174	*Tropheryma whipplei*	2		
1175	*Trueperella abortisuis*	2		
1176	*Trueperella bernardiae*	2		
1177	*Trueperella bialowiezensis*	2	A	
1178	*Trueperella bonasi*	2	A	

No.	*Genus/ species/* strain	Class	A/P	Remarks/division in subspecies
1179	*Trueperella pyogenes*	2	A	
1180	*Tsukamurella inchonensis*	2		
1181	*Tsukamurella pulmonis*	2		
1182	*Tsukamurella tyrosinosolvens*	2		
1183	*Turicella otitidis*	2		
1184	*Ureaplasma diversum*	2	A	
1185	*Ureaplasma gallorale*	2	A	
1186	*Ureaplasma parvum*	2		
1187	*Ureaplasma urealyticum*	2		
1188	*Uruburuella suis*	2	A	
1189	*Vagococcus lutrae*	2		
1190	*Vagococcus salmoninarum*	2	A	
1191	*Varibaculum cambriense*	2		
1192	*Veillonella denticariosi*	2		
1193	*Vibrio aestuarianus*	2	A	
1194	*Vibrio alginolyticus*	2		
1195	*Vibrio anguillarum*	2	A	
1196	*Vibrio cholerae*	2		
1197	*Vibrio cincinnatiensis*	2		
1198	*Vibrio fluvialis*	2		
1199	*Vibrio harveyi*	2	A	
1200	*Vibrio ichthyoenteri*	2	A	
1201	*Vibrio metchnikovii*	2		
1202	*Vibrio mimicus*	2		
1203	*Vibrio ordalii*	2	A	
1204	*Vibrio parahaemolyticus*	2		
1205	*Vibrio penaeicida*	2	A	
1206	*Vibrio proteolyticus*	2		
1207	*Vibrio splendidus*	2	A	
1208	*Vibrio vulnificus*	2		
1209	*Volucribacter amazonae*	2	A	
1210	*Volucribacter psittacicida*	2	A	
1211	*Waddlia chondrophila*	2		
1212	*Williamsia deligens*	2		
1213	*Xanthomonas albilineans*	2	P	
1214	*Xanthomonas alfalfae*	2	P	including subspecies *Xanthomonas alfalfae* subsp. *alfalfae* and *Xanthomonas alfalfae* subsp. *citrumelonis*

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
1215	*Xanthomonas arboricola*	2	P	
1216	*Xanthomonas axonopodis*	2	P	
1217	*Xanthomonas bromi*	2	P	
1218	*Xanthomonas campestris*	2	P	
1219	*Xanthomonas cassavae*	2	P	
1220	*Xanthomonas citri*	2	P	including subspecies *Xanthomonas citri* subsp. *citri* and *Xanthomonas citri* subsp. *malvacearum*
1221	*Xanthomonas codiaei*	2	P	
1222	*Xanthomonas curcurbitae*	2	P	
1223	*Xanthomonas cynarae*	2	P	
1224	*Xanthomonas euvesicatoria*	2	P	
1225	*Xanthomonas fragariae*	2	P	
1226	*Xanthomonas fuscans*	2	P	including subspecies *Xanthomonas fuscans* subsp. *aurantifolii* and *Xanthomonas fuscans* subsp. *fuscans*
1227	*Xanthomonas gardneri*	2	P	
1228	*Xanthomonas hortorum*	2	P	
1229	*Xanthomonas hyacinthi*	2	P	
1230	*Xanthomonas melonis*	2	P	
1231	*Xanthomonas oryzae*	2	P	
1232	*Xanthomonas perforans*	2	P	
1233	*Xanthomonas pisi*	2	P	
1234	*Xanthomonas populi*	2	P	
1235	*Xanthomonas sacchari*	2	P	
1236	*Xanthomonas* sp. strain Leaf 148	2	P	
1237	*Xanthomonas* sp. strain WCS2014-23	2	P	
1238	*Xanthomonas theicola*	2	P	
1239	*Xanthomonas translucens*	2	P	
1240	*Xanthomonas vasicola*	2	P	
1241	*Xanthomonas vesicatoria*	2	P	
1242	*Xylella fastidiosa*	2	P	including subspecies *Xylella fastidiosa* subsp. *fastidiosa* and *Xylella fastidiosa* subsp. *multiplex*
1243	*Xylophilus ampelinus*	2	P	
1244	*Yersinia aleksiciae*	2		
1245	*Yersinia enterocolitica*	2		including subspecies *Yersinia enterocolitica* subsp. *enterocolitica* and *Yersinia enterocolitica* subsp. *palearctica*

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
1246	*Yersinia frederiksenii*	2		
1247	*Yersinia intermedia*	2		
1248	*Yersinia kristensenii*	2		
1249	*Yersinia pestis*	3		
1250	*Yersinia pseudotuberculosis*	2		
1251	*Yersinia ruckeri*	2	A	
1252	*Yersinia similis*	2		
1253	*Yokenella regensburgei*	2		

A Animal pathogen

P Plant pathogen

≡ No concensus regarding nomenclature: synonyms can both be used