Risk Classification of Organisms:
Pathogenicity classification of bacteria
Status October 2021

COGEM advice CGM/211025-01

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

1. Ministerie van Infrastructuur en Milieu. Regeling genetisch gemodificeerde organismen milieubeheer 2013. https://wetten.overheid.nl/BWBR0035072/2021-10-01 [In Dutch]

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. This list will be updated and published annually.

The classifications of all bacteria that have been advised on by the COGEM until the 11th of October 2021, 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 it 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	

No.	*Genus/ species/* strain	Class	Remarks/division in subspecies
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	

No.	*Genus/ species/* strain	Class	Remarks/division in subspecies
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 azollae*	1	also named *Nostoc azollae*, *Anabaena variabilis* status *azollae* and *Trichormus azollae*
91	*Anabaena* sp. PCC 7120	1	
92	*Anaeroarcus*	1	
93	*Anaerobranca*	1	
94	*Anaerococcus murdochii*	1	
95	*Anaerofilum*	1	
96	*Anaerolinea*	1	
97	*Anaeromusa*	1	
98	*Anaerophaga*	1	
99	*Anaeroplasma*	1	
100	*Anaerosinus*	1	
101	*Anaerostipes*	1	
102	*Anaerotruncus*	1	
103	*Anaerovibrio*	1	
104	*Anaerovorax*	1	

No.	*Genus*/ *species*/ strain	Class	Remarks/division in subspecies
105	*Ancalomicrobium*	1	
106	*Ancylobacter*	1	
107	*Andreprevotia*	1	
108	*Aneurinibacillus*	1	
109	*Angiococcus*	1	
110	*Angulomicrobium*	1	
111	*Anoxybacillus*	1	
112	*Anoxynatronum*	1	
113	*Antarctobacter*	1	
114	*Aquabacter*	1	
115	*Aquabacterium*	1	
116	*Aquamicrobium*	1	
117	*Aquaspirillum*	1	
118	*Aquicella*	1	
119	*Aquifex*	1	
120	*Archangium*	1	
121	*Arcicella*	1	
122	*Arenibacter*	1	
123	*Arenimonas*	1	
124	*Arhodomonas*	1	
125	*Arsenicicoccus*	1	
126	*Asaia*	1	
127	*Asanoa*	1	
128	*Asticcacaulis*	1	
129	*Azoarcus*	1	
130	*Azomonas*	1	
131	*Azorhizobium*	1	
132	*Azorhizophilus*	1	
133	*Azospira*	1	
134	*Azospirillum*	1	
135	*Azospirillum brasilense*	1	
136	*Azotobacter*	1	
137	*Bacillus licheniformis*	1	
138	*Bacteriovorax*	1	
139	*Bacteroides xylanisolvens* strain DSM 23964	1	
140	*Balnearium*	1	
141	*Bdellovibrio*	1	
142	*Beggiatoa*	1	

No.	*Genus/ species/* strain	Class	Remarks/division in subspecies
143	*Beijerinckia*	1	
144	*Belliella*	1	
145	*Bergeriella*	1	
146	*Beutenbergia*	1	
147	*Bifidobacterium adolescentis*	1	
148	*Bifidobacterium animalis*	1	
149	*Blastobacter*	1	
150	*Blastochloris*	1	
151	*Blastococcus*	1	
152	*Blastomonas*	1	
153	*Blastopirellula*	1	
154	*Blattabacterium*	1	
155	*Blautia producta*	1	
156	*Bogoriella*	1	
157	*Bosea*	1	
158	*Brachybacterium*	1	
159	*Brachymonas*	1	
160	*Bradyrhizobium*	1	
161	*Bradyrhizobium lupini*	1	
162	*Brevibacillus*	1	
163	*Brevibacterium casei*	1	
164	*Brevibacterium epidermidis*	1	
165	*Brochothrix*	1	
166	*Brucella grignonense*	1	before *Ochrobactrum grignonense*
167	*Budvicia*	1	
168	*Buttiauxella*	1	
169	*Butyrivibrio*	1	
170	*Caldanaerobacter*	1	
171	*Caldicellulosiruptor*	1	
172	*Caldilinea*	1	
173	*Caldithrix*	1	
174	*Caloramator*	1	
175	*Caloranaerobacter*	1	
176	*Caminibacter*	1	
177	*Caminicella*	1	
178	*Carbophilus*	1	
179	*Carboxydocella*	1	
180	*Carboxydothermus*	1	

No.	*Genus*/ *species*/ strain	Class	Remarks/division in subspecies
181	*Caryophanon*	1	
182	*Catellatospora*	1	
183	*Catenibacterium*	1	
184	*Catenococcus*	1	
185	*Catenuloplanes*	1	
186	*Caulobacter*	1	
187	*Cellulomonas denverensis*	1	
188	*Cellulophaga*	1	
189	*Cellulosimicrobium cellulans*	1	
190	*Cellulosimicrobium funkei*	1	
191	*Cellvibrio*	1	
192	*Cerasibacillus*	1	
193	*Cetobacterium ceti*	1	
194	*Chelatococcus*	1	
195	*Chitinibacter*	1	
196	*Chitinimonas*	1	
197	*Chitinophaga*	1	
198	*Chlorobaculum*	1	
199	*Chlorobium*	1	
200	*Chloroflexus*	1	
201	*Chondromyces*	1	
202	*Chromatium*	1	
203	*Chromohalobacter*	1	
204	*Chryseobacterium*	1	
205	*Chrysiogenes*	1	
206	*Citricoccus*	1	
207	*Clostridium autoethanogenum*	1	
208	*Clostridium butyricum*	1	
209	*Clostridium maximum*	1	
210	*Clostridium phytofermentans*	1	
211	*Clostridium polyendosporum*	1	
212	*Clostridium thermosuccinogenes*	1	
213	*Clostridium ventriculi*	1	
214	*Cobetia*	1	
215	*Collimonas*	1	
216	*Colwellia*	1	
217	*Comamonas testosteroni*	1	
218	*Conexibacter*	1	

No.	*Genus/ species/* strain	Class	Remarks/division in subspecies
219	*Coprothermobacter*	1	
220	*Coriobacterium*	1	
221	*Couchioplanes*	1	
222	*Cryobacterium*	1	
223	*Cryptosporangium*	1	
224	*Cupriavidus basilensis*	1	
225	*Cupriavidus pauculus*	1	
226	*Curtobacterium albidum*	1	
227	*Curtobacterium ammoniigenes*	1	
228	*Curtobacterium citreum*	1	
229	*Curtobacterium herbarum*	1	
230	*Curtobacterium luteum*	1	
231	*Curtobacterium plantarum*	1	
232	*Curtobacterium pusillum*	1	
233	*Cyclobacterium*	1	
234	*Cystobacter*	1	
235	*Dactylosporangium*	1	
236	*Dechloromonas*	1	
237	*Deferribacter*	1	
238	*Dehalobacter*	1	
239	*Deinococcus*	1	
240	*Demetria*	1	
241	*Dendrosporobacter*	1	
242	*Denitrobacterium*	1	
243	*Denitrovibrio*	1	
244	*Dermabacter*	1	
245	*Dermacoccus*	1	
246	*Derxia*	1	
247	*Desemzia*	1	
248	*Desulfacinum*	1	
249	*Desulfatibacillum*	1	
250	*Desulfitobacterium*	1	
251	*Desulfitobacterium hafniense*	1	
252	*Desulfobacca*	1	
253	*Desulfobacter*	1	
254	*Desulfobacterium*	1	
255	*Desulfobacula*	1	
256	*Desulfobulbus*	1	

No.	*Genus*/ *species*/ strain	Class	Remarks/division in subspecies
257	*Desulfocapsa*	1	
258	*Desulfocella*	1	
259	*Desulfococcus*	1	
260	*Desulfofaba*	1	
261	*Desulfofrigus*	1	
262	*Desulfofustis*	1	
263	*Desulfohalobium*	1	
264	*Desulfomonile*	1	
265	*Desulfonatronovibrio*	1	
266	*Desulfonatronum*	1	
267	*Desulfonauticus*	1	
268	*Desulfonema*	1	
269	*Desulfonispora*	1	
270	*Desulforegula*	1	
271	*Desulforhabdus*	1	
272	*Desulforhopalus*	1	
273	*Desulfosarcina*	1	
274	*Desulfospira*	1	
275	*Desulfosporosinus*	1	
276	*Desulfotalea*	1	
277	*Desulfotignum*	1	
278	*Desulfotomaculum*	1	
279	*Desulfovibrio*	1	
280	*Desulfovirga*	1	
281	*Desulfurella*	1	
282	*Desulfurobacterium*	1	
283	*Desulfuromonas*	1	
284	*Desulfuromusa*	1	
285	*Dethiosulfovibrio*	1	
286	*Devosia*	1	
287	*Diaphorobacter*	1	
288	*Dichotomicrobium*	1	
289	*Dictyoglomus*	1	
290	*Dietzia cinnamea*	1	
291	*Dinoroseobacter*	1	
292	*Dinoroseobacter shibae*	1	
293	*Dolosicoccus*	1	
294	*Dorea*	1	

No.	*Genus/ species/* strain	Class	Remarks/division in subspecies
295	*Duganella*	1	
296	*Dyadobacter*	1	
297	*Dyella koreensis*	1	
298	*Ectothiorhodospira*	1	
299	*Enhygromyxa*	1	
300	*Ensifer*	1	
301	*Enterococcus columbae*	1	
302	*Enterococcus gilvus*	1	
303	*Enterovibrio*	1	
304	*Eremococcus*	1	
305	*Erythrobacter*	1	
306	*Erythromicrobium*	1	
307	*Escherichia coli B*	1	
308	*Escherichia coli C*	1	
309	*Escherichia coli K12*	1	
310	*Escherichia coli* Nissle 1917	1	
311	*Escherichia coli W*	1	
312	*Faecalibacterium prausnitzii*	1	
313	*Ferrimonas*	1	
314	*Ferroplasma*	1	
315	*Fervidobacterium*	1	
316	*Filibacter*	1	
317	*Filomicrobium*	1	
318	*Flammeovirga*	1	
319	*Flavobacterium psychrolimnae*	1	
320	*Flavobacterium weaverense*	1	
321	*Flectobacillus*	1	
322	*Flexistipes*	1	
323	*Flexithrix*	1	
324	*Formivibrio*	1	
325	*Formosa*	1	
326	*Frankia*	1	
327	*Frateuria*	1	
328	*Friedmanniella*	1	
329	*Frigoribacterium*	1	
330	*Frondihabitans australicus*	1	
331	*Fulvimarina*	1	
332	*Fulvimonas*	1	

No.	*Genus*/ *species*/ strain	Class	Remarks/division in subspecies
333	*Fusibacter*	1	
334	*Gallicola*	1	
335	*Garciella*	1	
336	*Gelidibacter*	1	
337	*Gemmata*	1	
338	*Gemmatimonas*	1	
339	*Gemmobacter*	1	
340	*Geobacillus*	1	
341	*Geobacter*	1	
342	*Geobacter metallireducens*	1	
343	*Geobacter sulfurreducens*	1	Subdivided in subspecies *Geobacter sulfurreducens* subsp. *ethanolicus* and *Geobacter sulfurreducens* subsp. *sulfurreducens*
344	*Geodermatophilus*	1	
345	*Georgenia*	1	
346	*Geothrix*	1	
347	*Geovibrio*	1	
348	*Gillisia*	1	
349	*Glaciecola*	1	
350	*Gluconacetobacter*	1	
351	*Gluconobacter albidus*	1	
352	*Gluconobacter cerinus*	1	
353	*Gluconobacter frateurii*	1	
354	*Gluconobacter japonicus*	1	
355	*Gluconobacter kanchanaburiensis*	1	
356	*Gluconobacter kondonii*	1	
357	*Gluconobacter nephelii*	1	
358	*Gluconobacter roseus*	1	
359	*Gluconobacter sphaericus*	1	
360	*Gluconobacter thailandicus*	1	
361	*Gluconobacter wancherniae*	1	
362	*Glycomyces*	1	
363	*Gracilibacillus*	1	
364	*Gracilibacter*	1	
365	*Granulicella aggregans*	1	
366	*Granulicella arctica*	1	
367	*Granulicella cerasi*	1	
368	*Granulicella mallensis*	1	

No.	*Genus/ species/* strain	Class	Remarks/division in subspecies
369	*Granulicella paludicola*	1	
370	*Granulicella pectinivorans*	1	
371	*Granulicella rosea*	1	
372	*Granulicella sapmiensis*	1	
373	*Granulicella tundricola*	1	
374	*Gryllotalpicola ginsengisoli*	1	
375	*Gulosibacter*	1	
376	*Halanaerobacter*	1	
377	*Halanaerobium*	1	
378	*Haliangium*	1	
379	*Haliscomenobacter*	1	
380	*Halobacillus*	1	
381	*Halobacteroides*	1	
382	*Halocella*	1	
383	*Halochromatium*	1	
384	*Halococcus*	1	
385	*Halomonas*	1	
386	*Halonatronum*	1	
387	*Halorhodospira*	1	
388	*Halothermothrix*	1	
389	*Halothiobacillus neapolitanus*	1	
390	*Halovibrio*	1	
391	*Heliobacillus*	1	
392	*Heliobacterium*	1	
393	*Heliophilum*	1	
394	*Heliorestis*	1	
395	*Herbaspirillum aquaticum*	1	
396	*Herbaspirillum autotrophicum*	1	
397	*Herbaspirillum chlorophenolicum*	1	
398	*Herbaspirillum frisingense*	1	
399	*Herbaspirillum hiltneri*	1	
400	*Herbaspirillum huttiense* subsp. *huttiense*	1	
401	*Herbaspirillum huttiense* subsp. *putei*	1	
402	*Herbaspirillum lusitanum*	1	
403	*Herbaspirillum rhizosphaerae*	1	
404	*Herbaspirillum seropedicae*	1	
405	*Herbidospora*	1	
406	*Herpetosiphon*	1	

No.	*Genus/ species/* strain	Class	Remarks/division in subspecies
407	*Hespellia*	1	
408	*Hippea*	1	
409	*Hirschia*	1	
410	*Holdemania*	1	
411	*Holophaga*	1	
412	*Hydrogenobacter*	1	
413	*Hydrogenophaga*	1	
414	*Hydrogenophilus*	1	
415	*Hydrogenothermus*	1	
416	*Hydrogenovibrio*	1	
417	*Hylemonella*	1	
418	*Hymenobacter*	1	
419	*Hyphomicrobium*	1	
420	*Hyphomonas*	1	
421	*Ideonella sakaiensis*	1	
422	*Idiomarina*	1	
423	*Ignatzschineria*	1	
424	*Ilyobacter*	1	
425	*Inquilinus*	1	
426	*Intrasporangium*	1	
427	*Iodobacter*	1	
428	*Isobaculum*	1	
429	*Isochromatium*	1	
430	*Isoptericola*	1	
431	*Janibacter*	1	
432	*Jannaschia*	1	
433	*Janthinobacterium lividum*	1	
434	*Jeotgalibacillus*	1	
435	*Jeotgalicoccus*	1	
436	*Kangiella*	1	
437	*Kibdelosporangium*	1	
438	*Kineococcus*	1	
439	*Kineosphaera*	1	
440	*Kineosporia*	1	
441	*Knoellia*	1	
442	*Kocuria*	1	
443	*Kosakonia radicincitans*	1	
444	*Kozakia*	1	

No.	*Genus*/ *species*/ strain	Class	Remarks/division in subspecies
445	*Kribbella*	1	
446	*Kurthia*	1	
447	*Kutzneria*	1	
448	*Kytococcus*	1	
449	*Labrys*	1	
450	*Lachnobacterium*	1	
451	*Lachnospira*	1	
452	*Lactobacillus crispatus*	1	
453	*Lactobacillus gasseri*	1	
454	*Lactobacillus iners*	1	
455	*Lactobacillus johnsonii*	1	
456	*Lactobacillus plantarum*	1	Subdivided in subspecies *Lactobacillus plantarum* subsp. *argentoratensis* and *Lactobacillus plantarum* subsp. *plantarum*
457	*Lactobacillus rhamnosus*	1	
458	*Lactococcus lactis*	1	
459	*Lamprocystis*	1	
460	*Lampropedia*	1	
461	*Laribacter*	1	
462	*Lautropia*	1	
463	*Lechevalieria*	1	
464	*Leisingera*	1	
465	*Leminorella*	1	
466	*Lentibacillus*	1	
467	*Lentzea*	1	
468	*Leptolinea*	1	
469	*Leptonema*	1	
470	*Leptospirillum*	1	
471	*Leptothrix*	1	
472	*Leptotrichia wadei*	1	
473	*Leucobacter*	1	
474	*Leuconostoc citreum*	1	
475	*Leuconostoc mesenteroides* subsp. *dextranicum*	1	
476	*Leuconostoc mesenteroides* subsp. *mesenteroides*	1	
477	*Leuconostoc pseudomesenteroides*	1	
478	*Leucothrix*	1	
479	*Limnobacter*	1	

No.	*Genus/ species/* strain	Class	Remarks/division in subspecies
480	*Listeria innocua*	1	
481	*Loktanella*	1	
482	*Lonepinella*	1	
483	*Longispora*	1	
484	*Luteibacter rhizovicina*	1	
485	*Luteimonas*	1	
486	*Luteococcus*	1	
487	*Lysobacter*	1	
488	*Macromonas*	1	
489	*Magnetospirillum*	1	
490	*Magnetospirillum gryphiswaldense*	1	
491	*Malonomonas*	1	
492	*Maribacter*	1	
493	*Marichromatium*	1	
494	*Marinilabilia*	1	
495	*Marinilactibacillus*	1	
496	*Marinithermus*	1	
497	*Marinitoga*	1	
498	*Marinobacter*	1	
499	*Marinobacterium*	1	
500	*Marinococcus*	1	
501	*Marinomonas*	1	
502	*Marinospirillum*	1	
503	*Marmoricola*	1	
504	*Marvinbryantia*	1	
505	*Massilia*	1	
506	*Megamonas*	1	
507	*Meiothermus*	1	
508	*Melittangium*	1	
509	*Mesonia*	1	
510	*Mesophilobacter*	1	
511	*Mesorhizobium*	1	
512	*Methylobacillus*	1	
513	*Methylobacter*	1	
514	*Methylobacterium*	1	
515	*Methylobacterium mesophilicum*	1	
516	*Methylocapsa*	1	
517	*Methylocella*	1	

No.	*Genus/ species/* strain	Class	Remarks/division in subspecies
518	*Methylocystis*	1	
519	*Methylomicrobium*	1	
520	*Methylomonas*	1	
521	*Methylophaga*	1	
522	*Methylophilus*	1	
523	*Methylopila*	1	
524	*Methylosarcina*	1	
525	*Methylosinus*	1	
526	*Methylovorus*	1	
527	*Microbacterium arabinogalactanolyticum*	1	
528	*Microbacterium barkeri*	1	
529	*Microbacterium esteraromaticum*	1	
530	*Microbacterium flavescens*	1	
531	*Microbacterium keratanolyticum*	1	
532	*Microbacterium liquefaciens*	1	
533	*Microbacterium luteolum*	1	
534	*Microbacterium saperdae*	1	
535	*Microbacterium schleiferi*	1	
536	*Microbacterium terrae*	1	
537	*Microbacterium terregens*	1	
538	*Microbacterium testaceum*	1	
539	*Microbacterium trichothecenolyticum*	1	
540	*Microbispora*	1	
541	*Microbulbifer*	1	
542	*Micrococcus*	1	
543	*Microlunatus*	1	
544	*Micromonospora*	1	
545	*Micropolyspora*	1	
546	*Micropruina*	1	
547	*Microscilla*	1	
548	*Microtetraspora*	1	
549	*Microvirga*	1	
550	*Microvirgula aerodenitrificans*	1	
551	*Modestobacter*	1	
552	*Moorella*	1	
553	*Moritella*	1	
554	*Muricauda*	1	
555	*Myceligenerans*	1	

No.	*Genus*/ *species*/ strain	Class	Remarks/division in subspecies
556	*Mycetocola*	1	
557	*Mycolicibacterium hassiacum*	1	
558	*Mycolicibacterium neoaurum*	1	
559	*Mycolicibacterium smegmatis*	1	
560	*Mycolicibacterium thermoresistibile*	1	
561	*Mycoplana*	1	
562	*Mycoplasma orale*	1	
563	*Myxococcus*	1	
564	*Nakamurella*	1	
565	*Nannocystis*	1	
566	*Natroniella*	1	
567	*Natronincola*	1	
568	*Nautilia*	1	
569	*Neorhizobium galegae*	1	
570	*Neorhizobium huautlense*	1	
571	*Neptunomonas*	1	
572	*Nereida*	1	
573	*Nesiotobacter*	1	
574	*Nesterenkonia*	1	
575	*Nevskia*	1	
576	*Nitratireductor*	1	
577	*Nitrobacter*	1	
578	*Nocardioides*	1	
579	*Nonomuraea*	1	
580	*Novosphingobium*	1	
581	*Obesumbacterium*	1	
582	*Oceanibulbus*	1	
583	*Oceanicaulis*	1	
584	*Oceanicola*	1	
585	*Oceanimonas*	1	
586	*Oceanisphaera*	1	
587	*Oceanithermus*	1	
588	*Oceanobacillus*	1	
589	*Oceanobacter*	1	
590	*Oceanospirillum*	1	
591	*Octadecabacter*	1	
592	*Oenococcus*	1	
593	*Oerskovia*	1	

No.	*Genus/ species/* strain	Class	Remarks/division in subspecies
594	*Okibacterium*	1	
595	*Oleiphilus*	1	
596	*Oleispira*	1	
597	*Oligella ureolytica*	1	
598	*Oligella urethralis*	1	
599	*Oligotropha*	1	
600	*Opitutus*	1	
601	*Orenia*	1	
602	*Oribacterium*	1	
603	*Ornithinimicrobium*	1	
604	*Ottowia*	1	
605	*Oxalicibacterium*	1	
606	*Oxalobacter*	1	
607	*Oxalophagus*	1	
608	*Oxobacter*	1	
609	*Paenibacillus chibensis*	1	
610	*Paenibacillus taichungensis*	1	
611	*Paenibacillus xylanexedens*	1	
612	*Pannonibacter*	1	
613	*Papillibacter*	1	
614	*Parabulkholderia sediminicola*	1	
615	*Paraburkholderia bryophila*	1	
616	*Paraburkholderia caribensis*	1	
617	*Paraburkholderia graminis*	1	
618	*Paraburkholderia phymatum*	1	
619	*Paraburkholderia phytofirmans*	1	
620	*Paraburkholderia tropica*	1	
621	*Paraburkholderia xenovorans*	1	
622	*Paracoccus yeei*	1	
623	*Paraliobacillus*	1	
624	*Paramoritella*	1	
625	*Pararhizobium giardinii*	1	
626	*Parascardovia*	1	
627	*Parasporobacterium*	1	
628	*Parvibaculum*	1	
629	*Paucimonas*	1	
630	*Pectinatus*	1	
631	*Pediococcus*	1	

No.	*Genus/ species/* strain	Class	Remarks/division in subspecies
632	*Pedobacter*	1	
633	*Pelczaria*	1	
634	*Pelobacter*	1	
635	*Pelodictyon phaeum*	1	All species from genus *Pelodictyon* have been moved to genus *Chlorobium*, with the exception of *Pelodictyon phaeum.*
636	*Pelospora*	1	
637	*Pelotomaculum*	1	
638	*Peptoniphilus asaccharolyticus*	1	
639	*Peredibacter*	1	
640	*Persephonella*	1	
641	*Persicobacter*	1	
642	*Petrotoga*	1	
643	*Phaeospirillum*	1	
644	*Phascolarctobacterium*	1	
645	*Phenylobacterium*	1	
646	*Phocoenobacter*	1	
647	*Phyllobacterium*	1	
648	*Pigmentiphaga*	1	
649	*Pilimelia*	1	
650	*Pirellula*	1	
651	*Planctomyces*	1	
652	*Planobispora*	1	
653	*Planococcus*	1	
654	*Planomicrobium*	1	
655	*Planomonospora*	1	
656	*Planotetraspora*	1	
657	*Plantibacter*	1	
658	*Plesiocystis*	1	
659	*Polaribacter*	1	
660	*Polaromonas*	1	
661	*Polyangium*	1	
662	*Polynucleobacter necessarius*	1	
663	*Porphyrobacter*	1	
664	*Pragia*	1	
665	*Prauserella*	1	
666	*Prevotella amnii*	1	
667	*Prevotella copri*	1	
668	*Prevotella timonensis*	1	

No.	*Genus*/ *species*/ strain	Class	Remarks/division in subspecies
669	*Promicromonospora*	1	
670	*Propionicimonas*	1	
671	*Propioniferax*	1	
672	*Propionigenium*	1	
673	*Propionispira*	1	
674	*Propionispora*	1	
675	*Propionivibrio*	1	
676	*Prosthecobacter*	1	
677	*Prosthecochloris*	1	
678	*Prosthecomicrobium*	1	
679	*Pseudaminobacter*	1	
680	*Pseudarthrobacter chlorophenolicus*	1	
681	*Pseudobutyrivibrio*	1	
682	*Pseudoclavibacter*	1	
683	*Pseudomonas brassicacearum*	1	
684	*Pseudomonas capeferrum*	1	
685	*Pseudomonas fluorescens*	1	
686	*Pseudomonas fluorescens* stain DC454	1	
687	*Pseudomonas fluorescens* stain MB101	1	
688	*Pseudomonas jessenii*	1	
689	*Pseudomonas jessenii* strain RU47	1	
690	*Pseudomonas jessenii* strain UW4	1	
691	*Pseudomonas putida*	1	
692	*Pseudomonas stutzeri*	1	
693	*Pseudomonas thivervalensis*	1	
694	*Pseudonocardia*	1	
695	*Pseudorhodobacter*	1	
696	*Pseudospirillum*	1	
697	*Pseudoxanthomonas*	1	
698	*Psychroflexus*	1	
699	*Psychromonas*	1	
700	*Psychroserpens*	1	
701	*Pyxidicoccus*	1	
702	*Quinella*	1	
703	*Rahnella*	1	
704	*Rahnella aquatilis*	1	
705	*Ramlibacter*	1	
706	*Raoultella terrigena*	1	

No.	*Genus/ species/* strain	Class	Remarks/division in subspecies
707	*Rarobacter*	1	
708	*Rathayibacter caricis*	1	
709	*Rathayibacter festucae*	1	
710	*Reinekea*	1	
711	*Rhabdochromatium*	1	
712	*Rheinheimera*	1	
713	*Rhizobium cellulosilyticum*	1	
714	*Rhizobium daejeonense*	1	
715	*Rhizobium etli*	1	
716	*Rhizobium gallicum*	1	
717	*Rhizobium hainanense*	1	
718	*Rhizobium indigoferae*	1	
719	*Rhizobium leguminosarum*	1	
720	*Rhizobium loessense*	1	
721	*Rhizobium lusitanum*	1	
722	*Rhizobium miluonense*	1	
723	*Rhizobium mongolense*	1	
724	*Rhizobium multihospitium*	1	
725	*Rhizobium phaseoli*	1	
726	*Rhizobium selenireducens*	1	
727	*Rhizobium sullae*	1	
728	*Rhizobium tropici*	1	
729	*Rhizobium undicola*	1	
730	*Rhizobium yanglingense*	1	
731	*Rhodobacter*	1	
732	*Rhodobium*	1	
733	*Rhodoblastus*	1	
734	*Rhodocista*	1	
735	*Rhodococcus erythropolis*	1	
736	*Rhodococcus rhodochrous*	1	
737	*Rhodocyclus*	1	
738	*Rhodoferax*	1	
739	*Rhodoglobus*	1	
740	*Rhodomicrobium*	1	
741	*Rhodopila*	1	
742	*Rhodopirellula*	1	
743	*Rhodoplanes*	1	
744	*Rhodopseudomonas*	1	
745	*Rhodospirillum*	1	

No.	*Genus/ species/* strain	Class	Remarks/division in subspecies
746	*Rhodothalassium*	1	
747	*Rhodothermus*	1	
748	*Rhodovibrio*	1	
749	*Rhodovulum*	1	
750	*Rikenella*	1	
751	*Robiginitalea*	1	
752	*Roseateles*	1	
753	*Roseburia*	1	
754	*Roseiflexus*	1	
755	*Roseinatronobacter*	1	
756	*Roseivivax*	1	
757	*Roseobacter*	1	
758	*Roseococcus*	1	
759	*Roseomonas*	1	
760	*Roseomonas gilardii*	1	Subdivided in subspecies *Roseomonas gilardii* subsp. *gilardii* and *Roseomonas gilardii* subsp. *rosea*
761	*Roseomonas cervicalis*	1	
762	*Roseomonas mucosa*	1	
763	*Roseospira*	1	
764	*Roseospirillum*	1	
765	*Roseovarius*	1	
766	*Rubrimonas*	1	
767	*Rubritepida*	1	
768	*Rubrivivax*	1	
769	*Rubrobacter*	1	
770	*Ruegeria*	1	
771	*Ruminobacter*	1	
772	*Runella*	1	
773	*Saccharibacter*	1	
774	*Saccharococcus*	1	
775	*Saccharomonospora*	1	
776	*Saccharophagus*	1	
777	*Saccharopolyspora rectivirgula*	1	
778	*Saccharospirillum*	1	
779	*Saccharothrix*	1	
780	*Sagittula*	1	
781	*Salana*	1	
782	*Salegentibacter*	1	

No.	*Genus*/ *species*/ strain	Class	Remarks/division in subspecies
783	*Salinibacter*	1	
784	*Salinibacterium*	1	
785	*Salinicoccus*	1	
786	*Salinisphaera*	1	
787	*Salinivibrio*	1	
788	*Salipiger*	1	
789	*Salmonella enterica* subsp. *enterica* serovar Typhi strain Ty21a	1	= *Salmonella typhi* strain Ty21a
790	*Saprospira*	1	
791	*Scardovia*	1	
792	*Schlegelella*	1	
793	*Schwartzia*	1	
794	*Seliberia*	1	
795	*Serinicoccus*	1	
796	*Serratia fonticola*	1	
797	*Serratia plymuthica*	1	
798	*Simonsiella*	1	
799	*Skermanella*	1	
800	*Skermania*	1	
801	*Smithella*	1	
802	*Sodalis*	1	
803	*Soehngenia*	1	
804	*Solirubrobacter*	1	
805	*Sphaerobacter*	1	
806	*Sphaerotilus*	1	
807	*Sphingobium*	1	
808	*Sphingopyxis*	1	
809	*Spingomonas wittichii*	1	
810	*Spirilliplanes*	1	
811	*Spirillospora*	1	
812	*Spirillum*	1	
813	*Spirochaeta*	1	
814	*Spirosoma*	1	
815	*Sporanaerobacter*	1	
816	*Sporichthya*	1	
817	*Sporobacter*	1	
818	*Sporobacterium*	1	
819	*Sporocytophaga*	1	

No.	*Genus*/ *species*/ strain	Class	Remarks/division in subspecies
820	*Sporohalobacter*	1	
821	*Sporolactobacillus*	1	
822	*Sporomusa*	1	
823	*Sporosarcina*	1	
824	*Sporotomaculum*	1	
825	*Staphylococcus aureus* subsp. *aureus* strain 8325-4	1	
826	*Staphylococcus aureus* subsp. *aureus* strain RN4220	1	
827	*Stappia*	1	
828	*Starkeya*	1	
829	*Stella*	1	
830	*Sterolibacterium*	1	
831	*Stigmatella*	1	
832	*Streptacidiphilus*	1	
833	*Streptoalloteichus*	1	
834	*Streptococcus gordonii*	1	
835	*Streptococcus oligofermentans*	1	
836	*Streptomonospora*	1	
837	*Streptomyces*	1#	
838	*Streptomyces muensis*	1	
839	*Streptosporangium*	1	
840	*Subtercola*	1	
841	*Succiniclasticum*	1	
842	*Succinimonas*	1	
843	*Succinispira*	1	
844	*Succinivibrio*	1	
845	*Sulfitobacter*	1	
846	*Sulfobacillus*	1	
847	*Sulfurihydrogenibium*	1	
848	*Sulfurimonas*	1	
849	*Sulfurospirillum*	1	
850	*Synechococcus sp.* strain PCC7002	1	
851	*Synechocystis sp.* strain PCC6803	1	
852	*Syntrophobacter*	1	
853	*Syntrophobotulus*	1	
854	*Syntrophococcus*	1	
855	*Syntrophomonas*	1	
856	*Syntrophothermus*	1	

No.	*Genus*/ *species*/ strain	Class	Remarks/division in subspecies
857	*Syntrophus*	1	
858	*Telluria*	1	
859	*Tepidibacter*	1	
860	*Tepidimonas*	1	
861	*Tepidiphilus*	1	
862	*Terasakiella*	1	
863	*Terrabacter*	1	
864	*Terracoccus*	1	
865	*Tessaracoccus*	1	
866	*Tetrasphaera*	1	
867	*Thalassolituus*	1	
868	*Thalassomonas*	1	
869	*Thalassospira*	1	
870	*Thauera*	1	
871	*Thermacetogenium*	1	
872	*Thermaerobacter*	1	
873	*Thermanaeromonas*	1	
874	*Thermanaerovibrio*	1	
875	*Thermicanus*	1	
876	*Thermincola carboxydiphila*	1	
877	*Thermincola ferriacetica*	1	
878	*Thermincola potens*	1	
879	*Thermithiobacillus*	1	
880	*Thermoactinomyces*	1	
881	*Thermoanaerobacter*	1	
882	*Thermoanaerobacter kivui*	1	
883	*Thermoanaerobacterium*	1	
884	*Thermoanaerobium*	1	
885	*Thermobacillus*	1	
886	*Thermobacteroides*	1	
887	*Thermobifida*	1	
888	*Thermobispora*	1	
889	*Thermobrachium*	1	
890	*Thermochromatium*	1	
891	*Thermococcus*	1	
892	*Thermocrinis*	1	
893	*Thermocrispum*	1	
894	*Thermodesulfatator*	1	

No.	*Genus/ species/* strain	Class	Remarks/division in subspecies
895	*Thermodesulfobacterium*	1	
896	*Thermodesulfobium*	1	
897	*Thermodesulforhabdus*	1	
898	*Thermodesulfovibrio*	1	
899	*Thermohydrogenium*	1	
900	*Thermomicrobium*	1	
901	*Thermomonas*	1	
902	*Thermomonospora*	1	
903	*Thermonema*	1	
904	*Thermosinus carboxydivorans*	1	
905	*Thermosipho*	1	
906	*Thermosyntropha*	1	
907	*Thermotoga*	1	
908	*Thermovibrio*	1	
909	*Thermus*	1	
910	*Thioalkalivibrio*	1	
911	*Thioalkalivibrio denitrificans*	1	
912	*Thioalkalivibrio halophilus*	1	
913	*Thioalkalivibrio jannaschii*	1	
914	*Thioalkalivibrio nitratireducens*	1	
915	*Thioalkalivibrio nitratis*	1	
916	*Thioalkalivibrio paradoxus*	1	
917	*Thioalkalivibrio sulfidiphilus*	1	
918	*Thioalkalivibrio thiocyanodenitrificans*	1	
919	*Thioalkalivibrio thiocyanoxidans*	1	
920	*Thioalkalivibrio versutus*	1	
921	*Thiobaca*	1	
922	*Thiobacillus*	1	
923	*Thiocapsa*	1	
924	*Thiococcus*	1	
925	*Thiocystis*	1	
926	*Thiodictyon*	1	
927	*Thiolamprovum*	1	
928	*Thiomicrospira*	1	
929	*Thiomonas*	1	
930	*Thiopedia*	1	
931	*Thiorhodoccocus*	1	
932	*Thiorhodovibrio*	1	

No.	*Genus*/ *species*/ strain	Class	Remarks/division in subspecies
933	*Thiothrix*	1	
934	*Tindallia*	1	
935	*Tolumonas*	1	
936	*Trabulsiella*	1	
937	*Treponema minutum*	1	
938	*Treponema refringens*	1	
939	*Trichococcus*	1	
940	*Trichormus variabilis* strain ATCC 29413	1	
941	*Turicibacter*	1	
942	*Ulvibacter*	1	
943	*Ureibacillus*	1	
944	*Variovorax*	1	
945	*Verrucomicrobium*	1	
946	*Verrucosispora*	1	
947	*Victivallis*	1	
948	*Virgibacillus*	1	
949	*Virgisporangium*	1	
950	*Vitreoscilla*	1	
951	*Vogesella*	1	
952	*Vulcanithermus*	1	
953	*Weeksella*	1	
954	*Weissella*	1	
955	*Wolbachia*	1	
956	*Wolinella*	1	
957	*Woodsholea*	1	
958	*Xanthobacter*	1	
959	*Xenophilus*	1	
960	*Xenorhabdus*	1	
961	*Xylanibacterium*	1	
962	*Xylanimicrobium*	1	
963	*Xylanimonas*	1	
964	*Yaniella*	1	
965	*Zavarzinia*	1	
966	*Zobellia*	1	
967	*Zoogloea*	1	
968	*Zooshikella*	1	
969	*Zymobacter*	1	
970	*Zymomonas*	1	

No.	*Genus*/ *species*/ strain	Class	Remarks/division in subspecies
971	*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 capsulatus*	2	A	
26	*Actinobacillus equuli*	2		Subdivided in subspecies *Actinobacillus equuli* subsp. *equuli* and *Actinobacillus equuli* subsp. *haemolyticus*
27	*Actinobacillus hominis*	2		
28	*Actinobacillus lignieresii*	2		
29	*Actinobacillus pleuropneumoniae*	2	A	
30	*Actinobacillus rossii*	2	A	
31	*Actinobacillus seminis*	2	A	
32	*Actinobacillus suis*	2		
33	*Actinobacillus ureae*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
34	*Actinobaculum massiliense*	2		
35	*Actinobaculum suis*	2	A	
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		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
69	*Aerococcus viridans*	2		
70	*Aeromonas allosaccharophila*	2		
71	*Aeromonas caviae*	2		
72	*Aeromonas dhakensis*	2		
73	*Aeromonas enteropelogenes*	2		
74	*Aeromonas hydrophila* subsp. *anaerogenes*	2		
75	*Aeromonas hydrophila* subsp. *hydrophila*	2		
76	*Aeromonas jandaei*	2		
77	*Aeromonas piscicola*	2		
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	

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
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		
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 cereus*	2		
132	*Bacillus idriensis*	2		
133	*Bacillus infantis*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
134	*Bacillus megaterium*	2	P	
135	*Bacillus pumilus*	2	P	
136	*Bacillus thuringiensis*	2	A	
137	*Bacillus weihenstephanensis*	2		
138	*Bacteroides caccae*	2		
139	*Bacteroides cellulosilyticus*	2		
140	*Bacteroides coagulans*	2		
141	*Bacteroides eggerthii*	2		
142	*Bacteroides fragilis*	2		
143	*Bacteroides helcogenes*	2	A	
144	*Bacteroides massiliensis*	2		
145	*Bacteroides nordii*	2		
146	*Bacteroides ovatus*	2		
147	*Bacteroides pyogenes*	2	A	
148	*Bacteroides salyersiae*	2		
149	*Bacteroides stercoris*	2		
150	*Bacteroides thetaiotaomicron*	2		
151	*Bacteroides uniformis*	2		
152	*Bacteroides vulgatus*	2		
153	*Bacteroides xylanisolvens*	2		
154	*Balneatrix alpica*	2		
155	*Bartonella alsatica*	2		
156	*Bartonella bacilliformis*	2		
157	*Bartonella birtlesii*	2	A	
158	*Bartonella bovis*	2	A	
159	*Bartonella capreoli*	2	A	
160	*Bartonella clarridgeiae*	2		
161	*Bartonella doshiae*	2	A	
162	*Bartonella grahamii*	2		
163	*Bartonella henselae*	2		
164	*Bartonella peromysci*	2		
165	*Bartonella quintana*	2		
166	*Bartonella schoenbuchensis*	2		
167	*Bartonella talpae*	2		
168	*Bartonella tribocorum*	2		
169	*Bergeyella zoohelcum*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
170	*Bibersteinia trehalosi*	2		
171	*Bifidobacterium dentium*	2		
172	*Bilophila wadsworthia*	2		
173	*Bordetella avium*	2	A	
174	*Bordetella bronchiseptica*	2		
175	*Bordetella hinzii*	2		
176	*Bordetella holmesii*	2		
177	*Bordetella parapertussis*	2		
178	*Bordetella pertussis*	2		
179	*Bordetella trematum*	2		
180	*Borrelia afzelii*	2		
181	*Borrelia anserina*	2	A	
182	*Borrelia baltazardii*	2		
183	*Borrelia brasiliensis*	2	A	
184	*Borrelia caucasica*	2		
185	*Borrelia coriaceae*	2	A	
186	*Borrelia crocidurae*	2		
187	*Borrelia dugesii*	2	A	
188	*Borrelia duttonii*	2		
189	*Borrelia graingeri*	2		
190	*Borrelia harveyi*	2	A	
191	*Borrelia hermsii*	2		
192	*Borrelia hispanica*	2		
193	*Borrelia latyschewii*	2		
194	*Borrelia mazzottii*	2		
195	*Borrelia miyamotoi*	2		
196	*Borrelia parkeri*	2		
197	*Borrelia persica*	2		
198	*Borrelia recurrentis*	2		
199	*Borrelia theileri*	2	A	
200	*Borrelia tillae*	2	A	
201	*Borrelia turicatae*	2		
202	*Borrelia valaisiana*	2		
203	*Borrelia venezuelensis*	2		
204	*Borreliella burgdorferi*	2		
205	*Borreliella garinii*	2		
206	*Borreliella spielmanii*	2		
207	*Brachyspira aalborgi*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
208	*Brachyspira alvinipulli*	2	A	
209	*Brachyspira hyodysenteriae*	2	A	
210	*Brachyspira innocens*	2		
211	*Brachyspira intermedia*	2	A	
212	*Brachyspira pilosicoli*	2		
213	*Brackiella oedipodis*	2	A	
214	*Brenneria alni*	2	P	
215	*Brenneria nigrifluens*	2	P	
216	*Brenneria rubrifaciens*	2	P	
217	*Brenneria salicis*	2	P	
218	*Brevibacterium avium*	2	A	
219	*Brevibacterium mcbrellneri*	2		
220	*Brevibacterium otitidis*	2		
221	*Brevibacterium paucivorans*	2		
222	*Brevibacterium sanguinis*	2		
223	*Brevinema andersonii*	2	A	
224	*Brevundimonas vesicularis*	2		
225	*Brucella melitensis*	3		≡ *Brucella abortus, Brucella canis, Brucella ovis, Brucella suis*
226	*Bulleidia extructa*	2		
227	*Burkholderia ambifaria*	2		
228	*Burkholderia cenocepacia*	2		
229	*Burkholderia cepacia*	2	P	
230	*Burkholderia dolosa*	2		
231	*Burkholderia gladioli*	2	P	
232	*Burkholderia glumae*	2	P	
233	*Burkholderia mallei*	3		
234	*Burkholderia multivorans*	2		
235	*Burkholderia plantarii*	2	P	
236	*Burkholderia pseudomallei*	3		
237	*Burkholderia stabilis*	2		
238	*Burkholderia thailandensis* strain E264	2	A	
239	*Burkholderia vietnamensis*	2		
240	*Butyribacterium methylotrophicum*	2		
241	*Campylobacter coli*	2		
242	*Campylobacter concisus*	2		
243	*Campylobacter curvus*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
244	*Campylobacter fetus*	2		Subdivided in subspecies *Campylobacter fetus* subsp. *fetus*, *Campylobacter fetus* subsp. *testudinum* and *Campylobacter fetus* subsp. *Venerealis*
245	*Campylobacter gracilis*	2		
246	*Campylobacter hyointestinalis*	2		Subdivided in subspecies *Campylobacter hyointestinalis* subsp. *hyotestinalis* and *Campylobacter hyointestinalis* subsp. *Lawsonii*
247	*Campylobacter jejuni*	2		Subdivided in subspecies *Campylobacter jejuni* subsp. *jejuni* and *Campylobacter jejuni* subsp. *doylei*
248	*Campylobacter lari*	2		Subdivided in subspecies *Campylobacter lari* subsp. *lari* and *Campylobacter lari* subsp. *concheus*
249	*Campylobacter mucosalis*	2	A	
250	*Campylobacter rectus*	2		
251	*Campylobacter sputorum*	2		Subdivided in subspecies *Campylobacter sputorum* subsp. *bubulus* and *Campylobacter sputorum* subsp. *sputorum*
252	*Campylobacter upsaliensis*	2		
253	*Campylobacter ureolyticus*	2		
254	*Capnocytophaga canimorsus*	2		
255	*Capnocytophaga cynodegmi*	2		
256	*Capnocytophaga gingivalis*	2		
257	*Capnocytophaga granulosa*	2		
258	*Capnocytophaga haemolytica*	2		
259	*Capnocytophaga ochracea*	2		
260	*Capnocytophaga sputigena*	2		
261	*Cardiobacterium hominis*	2		
262	*Cardiobacterium valvarum*	2		
263	*Carnobacterium maltaromaticum*	2	A	
264	*Castellaniella defragrans*	2		
265	*Catonella morbi*	2		
266	*Cedecea davisae*	2		
267	*Cedecea lapagei*	2		
268	*Cedecea neteri*	2		
269	*Cellulomonas hominis*	2		
270	*Centipeda periodontii*	2		
271	*Chlamydia felis*	2		
272	*Chlamydia muridarum*	2	A	

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
273	*Chlamydia trachomatis*	2		
274	*Chlamydophila abortus*	2		
275	*Chlamydophila caviae*	2	A	
276	*Chlamydophila pecorum*	2	A	
277	*Chlamydophila pneumoniae*	2		
278	*Chlamydophila psittaci*	2		
279	*Chromobacterium haemolyticum*	2		
280	*Chromobacterium violaceum*	2		
281	*Chryseobacterium gleum*	2		
282	*Chryseobacterium indologenes*	2		
283	*Chryseobacterium scophthalmum*	2	A	
284	*Citrobacter amalonaticus*	2		
285	*Citrobacter braakii*	2		
286	*Citrobacter farmeri*	2		
287	*Citrobacter freundii*	2		
288	*Citrobacter gillenii*	2		
289	*Citrobacter koseri*	2		
290	*Citrobacter murliniae*	2		
291	*Citrobacter rodentium*	2	A	
292	*Citrobacter sedlakii*	2		
293	*Citrobacter werkmanii*	2		
294	*Citrobacter youngae*	2		
295	*Clavibacter michiganensis*	2	P	Subdivdied in subspecies *Clavibacter michiganensis* subsp. *californiensis*, *Clavibacter michiganensis* subsp. *chilensis*, *Clavibacter michiganensis* subsp. *michiganensis* and *Clavibacter michiganensis* subsp. *phaseoli*
296	*Clostridioides difficile*	2		
297	*Clostridium aldenense*	2		
298	*Clostridium argentinense*	2		
299	*Clostridium baratii*	2		
300	*Clostridium botulinum*	2		
301	*Clostridium cadaveris*	2		
302	*Clostridium carnis*	2		
303	*Clostridium chauvoei*	2		
304	*Clostridium citroniae*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
305	*Clostridium clostridioforme*	2		
306	*Clostridium colinum*	2	A	
307	*Clostridium fallax*	2		
308	*Clostridium frigidicarnis*	2		
309	*Clostridium haemolyticum*	2		
310	*Clostridium indolis*	2		
311	*Clostridium innocuum*	2		
312	*Clostridium malenominatum*	2		
313	*Clostridium moniliforme*	2		
314	*Clostridium novyi*	2		
315	*Clostridium paraputrificum*	2		
316	*Clostridium perfringens*	2		
317	*Clostridium piliforme*	2	A	
318	*Clostridium puniceum*	2	P	
319	*Clostridium ramosum*	2		
320	*Clostridium sardiniense*	2		
321	*Clostridium schirmacherense*	2		
322	*Clostridium septicum*	2		
323	*Clostridium sphenoides*	2		
324	*Clostridium sporogenes*	2		
325	*Clostridium subterminale*	2		
326	*Clostridium symbiosum*	2		
327	*Clostridium tarantellae*	2	A	
328	*Clostridium tertium*	2		
329	*Clostridium tetani*	2		
330	*Collinsella aerofaciens*	2		
331	*Comamonas aquatica*	2		
332	*Comamonas kerstersii*	2		
333	*Comamonas terrigena*	2		
334	*Corynebacterium accolens*	2		
335	*Corynebacterium afermentans*	2		Subdivided in subspecies *Corynebacterium afermentans* subsp. *afermentans*en *Corynebacterium afermentans* subsp. *lipophilum*
336	*Corynebacterium amycolatum*	2		
337	*Corynebacterium argentoratense*	2		
338	*Corynebacterium aurimucosum*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
339	*Corynebacterium auris*	2		
340	*Corynebacterium auriscanis*	2	A	
341	*Corynebacterium beticola*	2	P	
342	*Corynebacterium bovis*	2		
343	*Corynebacterium camporealensis*	2	A	
344	*Corynebacterium caspium*	2		
345	*Corynebacterium confusum*	2		
346	*Corynebacterium coyleae*	2		
347	*Corynebacterium cystitidis*	2	A	
348	*Corynebacterium diphteriae*	2		
349	*Corynebacterium falsenii*	2		
350	*Corynebacterium felinum*	2		
351	*Corynebacterium freneyi*	2		
352	*Corynebacterium glucuronolyticum*	2		
353	*Corynebacterium hansenii*	2		
354	*Corynebacterium imitans*	2		
355	*Corynebacterium jeikeium*	2		
356	*Corynebacterium macginleyi*	2		
357	*Corynebacterium mastitidis*	2	A	
358	*Corynebacterium matruchotii*	2		
359	*Corynebacterium minutissimum*	2		
360	*Corynebacterium mucifaciens*	2		
361	*Corynebacterium mycetoides*	2		
362	*Corynebacterium phocae*	2		
363	*Corynebacterium pilosum*	2		
364	*Corynebacterium propinquum*	2		
365	*Corynebacterium pseudodiphteriticum*	2		
366	*Corynebacterium pseudotuberculosis*	2		
367	*Corynebacterium renale*	2	A	
368	*Corynebacterium resistens*	2		
369	*Corynebacterium riegelii*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
370	*Corynebacterium simulans*	2		
371	*Corynebacterium striatum*	2		
372	*Corynebacterium suicordis*	2	A	
373	*Corynebacterium sundsvallense*	2		
374	*Corynebacterium testudinoris*	2		
375	*Corynebacterium thomssenii*	2		
376	*Corynebacterium tuberculostearicum*	2		
377	*Corynebacterium tuscaniense*	2		
378	*Corynebacterium ulcerans*	2		
379	*Corynebacterium urealyticum*	2		
380	*Corynebacterium ureicelerivorans*	2		
381	*Corynebacterium xerosis*	2		
382	*Coxiella burnetii*	3		
383	*Cronobacter dublinensis*	2		Subdivided in subspecies *Cronobacter dublinensis* subsp. *dublinensis*, *Cronobacter dublinensis* subsp. *lactaridi* and *Cronobacter dublinensis* subsp. *Lausannensis*
384	*Cronobacter malonaticus*	2		
385	*Cronobacter muytjensii*	2		
386	*Cronobacter sakazakii*	2		
387	*Cronobacter turicensis*	2		
388	*Crossiella equi*	2	A	
389	*Cupriavidus respiraculi*	2		
390	*Curtobacterium flaccumfaciens*	2	P	
391	*Cutibacterium acnes*	2		
392	*Cutibacterium avidum*	2		
393	*Cutibacterium granulosum*	2		
394	*Cytophaga allerginae*	2		
395	*Delftia acidovorans*	2		
396	*Dermatophilus congolensis*	2		
397	*Desulfomicrobium orale*	2		
398	*Dialister invisus*	2		
399	*Dialister pneumosintes*	2		
400	*Dichelobacter nodosus*	2	A	

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
401	*Dickeya chrysanthemi*	2	P	
402	*Dickeya dadantii*	2	P	Subdivided in subspecies *Dickeya dadantii* subsp. *dadantii* and *Dickeya dadantii* subsp. *Dieffenbachiae* (before *Dickeya dieffenbachiae*)
403	*Dickeya dianthicola*	2	P	
404	*Dickeya paradisiaca*	2	P	
405	*Dickeya zeae*	2	P	
406	*Dolosigranulum pigrum*	2		
407	*Edwardsiella ictaluri*	2	A	
408	*Edwardsiella tarda*	2		≡ *Edwardsiella anguillimortifera*
409	*Eggerthella lenta*	2		
410	*Eggerthella sinensis*	2		
411	*Eggerthia catenaformis*	2		
412	*Ehrlichia canis*	2		
413	*Ehrlichia chaffeensis*	2		
414	*Ehrlichia ewingii*	2		
415	*Ehrlichia ruminantium*	2		
416	*Eikenella corrodens*	2		
417	*Elizabethkingia meningoseptica*	2		
418	*Empedobacter brevis*	2		
419	*Enterobacter asburiae*	2		
420	*Enterobacter cancerogenus*	2		
421	*Enterobacter cloacae*	2	P	Subdivided in subspecies *Enterobacter cloacae* subsp. *cloacae* and *Enterobacter cloacae* subsp. *dissolvens*
422	*Enterobacter hormaechei*	2		Subdivided in subspecies *Enterobacter hormaechei* subsp. *hormaechei*, *Enterobacter hormaechei* subsp. *oharae* and *Enterobacter hormaechei* subsp. *steigerwaltii*
423	*Enterobacter kobei*	2		
424	*Enterococcus avium*	2		
425	*Enterococcus casseliflavus*	2		
426	*Enterococcus dispar*	2		
427	*Enterococcus durans*	2		
428	*Enterococcus faecalis*	2		
429	*Enterococcus faecium*	2		
430	*Enterococcus gallinarum*	2		
431	*Enterococcus hirae*	2		
432	*Enterococcus pseudoavium*	2	A	

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
433	*Enterococcus raffinosus*	2		
434	*Enterococcus ratti*	2	A	
435	*Enterococcus villorum*	2	A	
436	*Eperythrozoon parvum*	2	A	
437	*Erwinia amylovora*	2	P	
438	*Erwinia mallotivora*	2	P	
439	*Erwinia papayae*	2	P	
440	*Erwinia persicina*	2	P	
441	*Erwinia psidii*	2	P	
442	*Erwinia pyrifoliae*	2	P	
443	*Erwinia rhapontici*	2	P	
444	*Erwinia tracheiphila*	2	P	
445	*Erysipelothrix rhusiopathiae*	2		
446	*Erysipelothrix tonsillarum*	2	A	
447	*Escherichia albertii*	2		
448	*Escherichia coli*	2		
449	*Escherichia coli,* hemolytisch uremisch syndroom geassocieerd (HUSEC)	3		
450	*Escherichia fergusonii*	2		
451	*Escherichia hermannii*	2		
452	*Escherichia vulneris*	2		
453	*Eubacterium brachy*	2		
454	*Eubacterium combesii*	2		
455	*Eubacterium infirmum*	2		
456	*Eubacterium limosum*	2		
457	*Eubacterium minutum*	2		
458	*Eubacterium nitritogenes*	2		
459	*Eubacterium nodatum*	2		
460	*Eubacterium saphenum*	2		
461	*Eubacterium sulci*	2		
462	*Eubacterium tenue*	2		
463	*Eubacterium tortuosum*	2		
464	*Eubacterium ventriosum*	2		
465	*Eubacterium yurii*	2		
466	*Ewingella americana*	2	P	
467	*Facklamia hominis*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
468	*Faecalibacterium prausnitzii*	2		
469	*Faecalicatena contorta*	2		
470	*Faecalicatena orotica*	2		
471	*Filifactor alocis*	2		
472	*Finegoldia magna*	2		
473	*Flavobacterium branchiophilum*	2	A	
474	*Flavobacterium columnare*	2	A	
475	*Flavobacterium hydatis*	2		
476	*Flavobacterium johnsoniae*	2	A	
477	*Flavobacterium psychrophilum*	2	A	
478	*Francisella noatunensis*	2	A	
479	*Francisella philomiragia*	2	A	
480	*Francisella tularensis*	3		
481	*Francisella tularensis* subsp. *holarctica*	3		
482	*Francisella tularensis* subsp. *mediasiatica*	3		
483	*Francisella tularensis* subsp. *novicida*	2		
484	*Francisella tularensis* subsp. *tularensis*	3		
485	*Fusobacterium canifelinum*	2		
486	*Fusobacterium equinum*	2	A	
487	*Fusobacterium gonidiaformans*	2		
488	*Fusobacterium mortiferum*	2		
489	*Fusobacterium naviforme*	2		
490	*Fusobacterium necrogenes*	2		
491	*Fusobacterium necrophorum*	2		Subdivided in subspecies *Fusobacterium necrophorum* subsp. *funduliforme* and *Fusobacterium necrophorum* subsp. *necrophorum*
492	*Fusobacterium periodonticum*	2		
493	*Fusobacterium russii*	2		
494	*Fusobacterium ulcerans*	2		
495	*Gallibacterium anatis*	2	A	
496	*Gardnerella vaginalis*	2		
497	*Gemella bergeri*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
498	*Gemella cuniculi*	2	A	
499	*Gemella haemolysans*	2		
500	*Gemella morbillorum*	2		
501	*Gemella sanguinis*	2		
502	*Globicatella sanguinis*	2		
503	*Globicatella sulfidifaciens*	2	A	
504	*Gluconobacter oxydans*	2	P	
505	*Glutamicibacter creatinolyticus*	2		
506	*Gordonia aichiensis*	2		
507	*Gordonia bronchialis*	2		
508	*Gordonia effusa*	2		
509	*Gordonia otitidis*	2		
510	*Gordonia sputi*	2		
511	*Gordonia wrightpattersonensis*	2		
512	*Granulicatella adiacens*	2		
513	*Granulicatella balaenopterae*	2		
514	*Granulicatella elegans*	2		
515	*Grimontia hollisae*	2		
516	*Haemophilus aegyptius*	2		
517	*Haemophilus ducreyi*	2		
518	*Haemophilus felis*	2	A	
519	*Haemophilus haemoglobinophilus*	2		
520	*Haemophilus haemolyticus*	2		
521	*Haemophilus influenzae*	2		
522	*Haemophilus paracuniculus*	2	A	
523	*Haemophilus parahaemolyticus*	2		
524	*Haemophilus parainfluenzae*	2		
525	*Haemophilus paraphrohaemolyticus*	2		
526	*Haemophilus parasuis*	2	A	
527	*Haemophilus piscium*	2	A	
528	*Haemophilus pittmaniae*	2		
529	*Hafnia alvei*	2		
530	*Hallella seregens*	2		
531	*Hathewaya histolytica*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
532	*Hathewaya limosa*	2		
533	*Helcococcus kunzii*	2		
534	*Helcococcus ovis*	2	A	
535	*Helicobacter acinonychis*	2	A	
536	*Helicobacter canis*	2		
537	*Helicobacter cinaedi*	2		
538	*Helicobacter fennelliae*	2		
539	*Helicobacter hepaticus*	2		
540	*Helicobacter mustelae*	2		
541	*Helicobacter pullorum*	2		
542	*Helicobacter pylori*	2		
543	*Helicobacter suis*	2		
544	*Herbaspirillum rubrisubalbicans*	2	P	
545	*Histophilus somni*	2	A	
546	*Ignavigranum ruoffiae*	2		
547	*Janthinobacterium agaricidamnosum*	2	P	
548	*Johnsonella ignava*	2		
549	*Jonesia denitrificans*	2	A	
550	*Kerstersia gyiorum*	2		
551	*Kingella denitrificans*	2		
552	*Kingella kingae*	2		
553	*Kingella oralis*	2		
554	*Kingella potus*	2		
555	*Klebsiella aerogenes*	2		
556	*Klebsiella granulomatis*	2		
557	*Klebsiella oxytoca*	2		
558	*Klebsiella pneumoniae*	2		Subdivided in subspecies *Klebsiella pneumoniae* subsp. *ozaenae*, *Klebsiella pneumoniae* subsp. *pneumoniae* and *Klebsiella pneumoniae* subsp. *rhinoscleromatis*
559	*Klebsiella variicola*	2		
560	*Kluyvera ascorbata*	2		
561	*Kluyvera cryocrescens*	2		
562	*Kluyvera intermedia*	2		
563	*Kosakonia cowanii*	2		
564	*Lactobacillus psittaci*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
565	*Lactococcus garvieae*	2		Subdivided in subspecies *Lactococcus garvieae* subsp. *bovis* and *Lactococcus garvieae* subsp. *garvieae* (before *Enterococcus seriolicida*)
566	*Lawsonia intracellularis*	2	A	
567	*Leclercia adecarboxylata*	2		
568	*Legionella anisa*	2		
569	*Legionella birminghamensis*	2		
570	*Legionella bozemanae*	2		
571	*Legionella cincinnatiensis*	2		
572	*Legionella dumoffii*	2		
573	*Legionella feeleii*	2		
574	*Legionella gormanii*	2		
575	*Legionella hackeliae*	2		
576	*Legionella impletisoli*	2		
577	*Legionella jordanis*	2		
578	*Legionella lansingensis*	2		
579	*Legionella longbeachae*	2		
580	*Legionella lytica*	2		
581	*Legionella oakridgensis*	2		
582	*Legionella pneumophila*	2		Subdivided in subspecies *Legionella pneumophila* subsp. *fraseri*, *Legionella pneumophila* subsp. *pascullei* and *Legionella pneumophila* subsp. *pneumophila*
583	*Legionella sainthelensi*	2		
584	*Legionella tucsonensis*	2		
585	*Legionella wadsworthii*	2		
586	*Legionella yabuuchiae*	2		
587	*Leifsonia antartica*	2		
588	*Leifsonia aquatica*	2		
589	*Leifsonia bigeumensis*	2		
590	*Leifsonia kafniensis*	2		
591	*Leifsonia lichenia*	2		
592	*Leifsonia naganoensis*	2		
593	*Leifsonia poae*	2		
594	*Leifsonia psychrotolerans*	2		
595	*Leifsonia rubra*	2		
596	*Leifsonia shinshuensis*	2		
597	*Leifsonia soli*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
598	*Leifsonia xyli*	2	P	Subdivided in subspecies *Leifsonia xyli* subsp. *cynodontis* (voorheen *Leifsonia cynodontis*) and *Leifsonia xyli* subsp. *xyli*
599	*Lelliottia amnigena*	2		
600	*Lelliottia nimipressuralis*	2	P	
601	*Leptospira alexanderi*	2		
602	*Leptospira borgpetersenii*	2		
603	*Leptospira inadai*	2		
604	*Leptospira interrogans*	2		
605	*Leptospira kirschneri*	2		
606	*Leptospira noguchii*	2		
607	*Leptospira santarosai*	2		
608	*Leptospira terpstrae*	2		
609	*Leptospira weilii*	2		
610	*Leptospira yanagawae*	2		
611	*Leptotrichia amnionii*	2		
612	*Listeria ivanovii*	2		Subdivided in subspecies *Listeria ivanovii* subsp. *ivanovii* and *Listeria ivanovii* subsp. *londoniensis*
613	*Listeria monocytogenes*	2		
614	*Lonsdalea quercina*	2	P	
615	*Lysinibacillus sphaericus*	2	A	
616	*Lysinimonas kribbensis*	2		
617	*Macrococcus caseolyticus*	2	A	
618	*Mannheimia glucosida*	2		
619	*Mannheimia granulomatis*	2	A	
620	*Mannheimia haemolytica*	2		
621	*Mannheimia ruminalis*	2		
622	*Mannheimia varigena*	2	A	
623	*Megasphaera elsdenii*	2		
624	*Melissococcus plutonius*	2	A	
625	*Microbacterium resistens*	2		
626	*Microterricola pindariensis*	2		
627	*Mitsuokella multacida*	2		
628	*Mobiluncus curtisii*	2		
629	*Mobiluncus mulieris*	2		
630	*Mogibacterium neglectum*	2		
631	*Mogibacterium pumilum*	2		
632	*Mogibacterium timidum*	2		
633	*Mogibacterium vescum*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
634	*Moraxella atlantae*	2		
635	*Moraxella caprae*	2		
636	*Moraxella catarrhalis*	2		
637	*Moraxella equi*	2	A	
638	*Moraxella lacunata*	2		
639	*Moraxella nonliquefaciens*	2		
640	*Moraxella osloensis*	2		
641	*Moraxella ovis*	2	A	
642	*Moraxella saccharolytica*	2		
643	*Morganella morganii*	2		Subdivided in subspecies *Morganella morganii* subsp. *morganii* (voorheen *Proteus morganii*) and *Morganella morganii* subsp. *sibonii*
644	*Morganella psychrotolerans*	2		
645	*Morococcus cerebrosus*	2		
646	*Moryella indoligenes*	2		
647	*Muribacter muris*	2	A	
648	*Mycobacterium africanum*	3		
649	*Mycobacterium arosiense*	2		
650	*Mycobacterium asiaticum*	2		
651	*Mycobacterium avium*	2		Subdivided in subspecies *Mycobacterium avium* subsp. *avium*, *Mycobacterium avium* subsp. *paratuberculosis* (before *Mycobacterium paratuberculosis*) and *Mycobacterium avium* subsp. *silvaticum*
652	*Mycobacterium bovis*	3		
653	*Mycobacterium branderi*	2		
654	*Mycobacterium celatum*	2		
655	*Mycobacterium chimaera*	2		
656	*Mycobacterium colombiense*	2		
657	*Mycobacterium conspicuum*	2		
658	*Mycobacterium gastri*	2		
659	*Mycobacterium genavense*	2		
660	*Mycobacterium gordonae*	2		
661	*Mycobacterium hackensackense*	2		
662	*Mycobacterium haemophilum*	2		
663	*Mycobacterium heckeshornense*	2		

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

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
694	*Mycobacteroides abscessus*	2		Subdivided in subspecies *Mycobacteroides abscessus* subsp. *abscessus* (before *Mycobacterium massiliense*), *Mycobacteroides abscessus* subsp. *bolletii* (before *Mycobacterium massiliense*), *Mycobacteroides abscessus* subsp. *massiliense* (before *Mycobacterium massiliense*)
695	*Mycobacteroides chelonae*	2		Subdivided in subspecies *Mycobacterium chelonae* subsp. *chelonae* and *Mycobacterium chelonae* subsp. *bovis.* The nomenclature of the subspecies is not yet officially adjusted.
696	*Mycobacteroides immunogenum*	2		
697	*Mycobacteroides salmoniphilum*	2	A	
698	*Mycolicibacter arupensis*	2		
699	*Mycolicibacter kumamotonensis*	2		
700	*Mycolicibacter senuensis*	2		
701	*Mycolicibacterium austroafricanum*	2		
702	*Mycolicibacterium boenickei*	2		
703	*Mycolicibacterium brisbanense*	2		
704	*Mycolicibacterium canariasense*	2		
705	*Mycolicibacterium conceptionense*	2		
706	*Mycolicibacterium cosmeticum*	2		
707	*Mycolicibacterium elephantis*	2		
708	*Mycolicibacterium farcinogenes*	2	A	
709	*Mycolicibacterium flavescens*	2		
710	*Mycolicibacterium fortuitum*	2		Subdivided in subspecies *Mycolicibacterium fortuitum* subsp. *acetamidolyticum*, *Mycolicibacterium fortuitum* subsp. *fortuitum*
711	*Mycolicibacterium goodii*	2		
712	*Mycolicibacterium houstonense*	2		
713	*Mycolicibacterium insubricum*	2		
714	*Mycolicibacterium monacense*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
715	*Mycolicibacterium mucogenicum*	2		
716	*Mycolicibacterium neworleansense*	2		
717	*Mycolicibacterium novocastrense*	2		
718	*Mycolicibacterium peregrinum*	2		
719	*Mycolicibacterium phocaicum*	2		
720	*Mycolicibacterium porcinum*	2		
721	*Mycolicibacterium senegalense*	2	A	
722	*Mycolicibacterium septicum*	2		
723	*Mycolicibacterium setense*	2		
724	*Mycolicibacterium vaccae*	2		
725	*Mycolicibacterium wolinskyi*	2		
726	*Mycoplasma adleri*	2	A	
727	*Mycoplasma agalactiae*	2	A	
728	*Mycoplasma alkalescens*	2	A	
729	*Mycoplasma anatis*	2	A	
730	*Mycoplasma arginini*	2	A	
731	*Mycoplasma arthritidis*	2	A	
732	*Mycoplasma bovigenitalium*	2	A	
733	*Mycoplasma bovirhinis*	2	A	
734	*Mycoplasma bovis*	2	A	
735	*Mycoplasma bovoculi*	2	A	
736	*Mycoplasma buteonis*	2	A	
737	*Mycoplasma californicum*	2	A	
738	*Mycoplasma canadense*	2	A	
739	*Mycoplasma canis*	2	A	
740	*Mycoplasma capricolum*	2	A	Subdivided in subspecies *Mycoplasma capricolum* subsp. *capricolum* and *Mycoplasma capricolum* subsp. *capripneumoniae*
741	*Mycoplasma caviae*	2	A	
742	*Mycoplasma cloacale*	2	A	
743	*Mycoplasma coccoides*	2	A	
744	*Mycoplasma collis*	2	A	
745	*Mycoplasma columbinasale*	2	A	

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
746	*Mycoplasma conjunctivae*	2	A	
747	*Mycoplasma corogypsi*	2	A	
748	*Mycoplasma cynos*	2	A	
749	*Mycoplasma dispar*	2	A	
750	*Mycoplasma edwardii*	2	A	
751	*Mycoplasma equigenitalium*	2	A	
752	*Mycoplasma equirhinis*	2	A	
753	*Mycoplasma falconis*	2	A	
754	*Mycoplasma felis*	2	A	
755	*Mycoplasma fermentans*	2		
756	*Mycoplasma flocculare*	2	A	
757	*Mycoplasma gallinarum*	2	A	
758	*Mycoplasma gallisepticum*	2	A	
759	*Mycoplasma gallopavonis*	2	A	
760	*Mycoplasma gateae*	2	A	
761	*Mycoplasma genitalium*	2		
762	*Mycoplasma glycophilum*	2	A	
763	*Mycoplasma gypis*	2	A	
764	*Mycoplasma haemocanis*	2	A	
765	*Mycoplasma haemofelis*	2	A	
766	*Mycoplasma haemomuris*	2	A	
767	*Mycoplasma hominis*	2		
768	*Mycoplasma hyopneumoniae*	2	A	
769	*Mycoplasma hyorhinis*	2	A	
770	*Mycoplasma hyosynoviae*	2	A	
771	*Mycoplasma imitans*	2	A	
772	*Mycoplasma iowae*	2	A	
773	*Mycoplasma lipofaciens*	2	A	
774	*Mycoplasma maculosum*	2	A	
775	*Mycoplasma meleagridis*	2	A	
776	*Mycoplasma microti*	2	A	
777	*Mycoplasma mycoides*	2	A	Subdivided in subspecies *Mycoplasma mycoides* subsp. *capri* and *Mycoplasma mycoides* subsp. *mycoides*
778	*Mycoplasma neurolyticum*	2	A	
779	*Mycoplasma ovis*	2	A	
780	*Mycoplasma phocarhinis*	2	A	

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
781	*Mycoplasma phocicerebrale*	2	A	
782	*Mycoplasma phocidae*	2	A	
783	*Mycoplasma pneumoniae*	2		
784	*Mycoplasma pulmonis*	2	A	
785	*Mycoplasma putrefaciens*	2	A	
786	*Mycoplasma salivarium*	2		
787	*Mycoplasma spumans*	2	A	
788	*Mycoplasma sturni*	2	A	
789	*Mycoplasma suis*	2	A	
790	*Mycoplasma synoviae*	2	A	
791	*Mycoplasma verecundum*	2	A	
792	*Mycoplasma wenyonii*	2	A	
793	*Myroides odoratus*	2		
794	*Neisseria elongata*	2		Subdivided in subspecies *Neisseria elongata* subsp. *elongata*, *Neisseria elongata* subsp. *glycolytica* and *Neisseria elongata* subsp. *nitroreducens*
795	*Neisseria flavescens*	2		
796	*Neisseria gonorrhoeae*	2		
797	*Neisseria iguanae*	2	A	
798	*Neisseria lactamica*	2		
799	*Neisseria meningitidis*	2		
800	*Neisseria mucosa*	2		
801	*Neisseria subflava*	2		
802	*Neisseria weaveri*	2		
803	*Neorickettsia risticii*	2		
804	*Neorickettsia sennetsu*	2		
805	*Nocardia abscessus*	2		
806	*Nocardia africana*	2		
807	*Nocardia altamirensis*	2		
808	*Nocardia araoensis*	2		
809	*Nocardia arthritidis*	2		
810	*Nocardia asiatica*	2		
811	*Nocardia asteroides*	2		
812	*Nocardia blacklockiae*	2		
813	*Nocardia brasiliensis*	2		
814	*Nocardia concava*	2		
815	*Nocardia cyriacigeorgica*	2		
816	*Nocardia elegans*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
817	*Nocardia exalbida*	2		
818	*Nocardia farcinica*	2		
819	*Nocardia higoensis*	2		
820	*Nocardia ignorata*	2		
821	*Nocardia kruczakiae*	2		
822	*Nocardia mexicana*	2		
823	*Nocardia niigatensis*	2		
824	*Nocardia ninae*	2		
825	*Nocardia nova*	2		
826	*Nocardia otitidiscaviarum*	2		
827	*Nocardia paucivorans*	2		
828	*Nocardia pneumoniae*	2		
829	*Nocardia pseudobrasiliensis*	2		
830	*Nocardia salmonicida*	2	A	
831	*Nocardia seriolae*	2	A	
832	*Nocardia terpenica*	2		
833	*Nocardia transvalensis*	2		
834	*Nocardia vaccinii*	2	P	
835	*Nocardia veterana*	2		
836	*Nocardia wallacei*	2		
837	*Nocardia yamanashiensis*	2		
838	*Nocardiopsis dassonvillei*	2		Subdivided in subspecies *Nocardiopsis dassonvillei* subsp. *albirubida* and *Nocardiopsis dassonvillei* subsp. *dassonvillei*
839	*Nocardiopsis ignorata*	2		
840	*Ochrobactrum anthropi*	2		
841	*Ochrobactrum intermedium*	2		
842	*Odoribacter splanchnicus*	2		
843	*Olsenella profusa*	2		
844	*Olsenella uli*	2		
845	*Orientia tsutsugamushi*	3		
846	*Ornithobacterium rhinotracheale*	2	A	
847	*Paenibacillus larvae*	2	A	
848	*Paenibacillus lentimorbus*	2	A	
849	*Paenibacillus popilliae*	2	A	
850	*Paeniclostridium ghonii*	2		
851	*Paeniclostridium sordellii*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
852	*Pandoraea apista*	2		
853	*Pandoraea pnomenusa*	2		
854	*Pandoraea pulmonicola*	2		
855	*Pandoraea sputorum*	2		
856	*Pantoea agglomerans*	2		
857	*Pantoea ananatis*	2	P	
858	*Pantoea cypripedii*	2	P	
859	*Pantoea stewartii*	2	P	Subdivided in subspecies *Pantoea stewartii* subsp. *indologenes* and *Pantoea stewartii* subsp. *stewartii*
860	*Parabacteroides distasonis*	2		
861	*Paraburkholderia caryophylli*	2	P	
862	*Paraclostridium bifermentans*	2		
863	*Paraeggerthella hongkongensis*	2		
864	*Parvimonas micra*	2		
865	*Pasteurella aerogenes*	2		
866	*Pasteurella bettyae*	2		
867	*Pasteurella caballi*	2		
868	*Pasteurella canis*	2		
869	*Pasteurella dagmatis*	2		
870	*Pasteurella lymphangitidis*	2	A	
871	*Pasteurella mairii*	2	A	
872	*Pasteurella multocida*	2		Subdivided in subspecies *Pasteurella multocida* subsp. *gallicida*, *Pasteurella multocida* subsp. *multocida* and *Pasteurella multocida* subsp. *septica*
873	*Pasteurella stomatis*	2		
874	*Pasteurella testudinis*	2	A	
875	*Pectobacterium atrosepticum*	2	P	
876	*Pectobacterium betavasculorum*	2	P	
877	*Pectobacterium cacticida*	2	P	
878	*Pectobacterium carotovorum*	2	P	Subdivided in subspecies *Pectobacterium carotovorum* subsp. *Carotovorum* and *Pectobacterium carotovorum* subsp. *Odoriferum*
879	*Pectobacterium wasabiae*	2	P	
880	*Peptococcus niger*	2		
881	*Peptoniphilus asaccharolyticus*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
882	*Peptoniphilus gorbachii*	2		
883	*Peptoniphilus harei*	2		
884	*Peptoniphilus indolicus*	2	A	
885	*Peptoniphilus ivorii*	2		
886	*Peptoniphilus lacrimalis*	2		
887	*Peptoniphilus olsenii*	2		
888	*Peptostreptococcus anaerobius*	2		
889	*Photobacterium damselae*	2	A	Subdivided in subspecies *Photobacterium damselae* subsp. *damselae* and *Photobacterium damselae* subsp. *piscicida*
890	*Photorhabdus asymbiotica*	2		Subdivided in subspecies *Photorhabdus asymbiotica* subsp. *asymbiotica* and *Photorhabdus asymbiotica* subsp. *australis*
891	*Photorhabdus luminescens*	2	A	Subdivided in 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*
892	*Piscirickettsia salmonis*	2	A	
893	*Plesiomonas shigelloides*	2		
894	*Pluralibacter gergoviae*	2		
895	*Pluralibacter pyrinus*	2	P	
896	*Porphyromonas asaccharolytica*	2		
897	*Porphyromonas cangingivalis*	2	A	
898	*Porphyromonas canoris*	2	A	
899	*Porphyromonas circumdentaria*	2	A	
900	*Porphyromonas crevioricanis*	2	A	
901	*Porphyromonas endodontalis*	2		
902	*Porphyromonas gingivalis*	2		
903	*Porphyromonas gulae*	2	A	
904	*Porphyromonas levii*	2		
905	*Porphyromonas macacae*	2	A	

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
906	*Prevotella albensis*	2		
907	*Prevotella bergensis*	2		
908	*Prevotella bivia*	2		
909	*Prevotella brevis*	2		
910	*Prevotella bryantii*	2		
911	*Prevotella buccae*	2		
912	*Prevotella buccalis*	2		
913	*Prevotella corporis*	2		
914	*Prevotella denticola*	2		
915	*Prevotella disiens*	2		
916	*Prevotella intermedia*	2		
917	*Prevotella loescheii*	2		
918	*Prevotella melaninogenica*	2		
919	*Prevotella nanceiensis*	2		
920	*Prevotella nigrescens*	2		
921	*Prevotella oralis*	2		
922	*Prevotella oris*	2		
923	*Prevotella pallens*	2		
924	*Propionibacterium australiense*	2	A	
925	*Propionimicrobium lymphophilum*	2		
926	*Proteus hauseri*	2		
927	*Proteus mirabilis*	2		
928	*Proteus penneri*	2		
929	*Proteus vulgaris*	2		
930	*Providencia alcalifaciens*	2		
931	*Providencia rettgeri*	2		≡ *Proteus rettgeri*
932	*Providencia rustigianii*	2		
933	*Providencia stuartii*	2		
934	*Pseudoalteromonas piscicida*	2	A	
935	*Pseudoflavonifractor capillosus*	2		
936	*Pseudoglutamicibacter albus*	2		
937	*Pseudomonas aeruginosa*	2		
938	*Pseudomonas agarici*	2	P	
939	*Pseudomonas alcaligenes*	2		
940	*Pseudomonas amygdali*	2	P	

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
941	*Pseudomonas anguilliseptica*	2	A	
942	*Pseudomonas asplenii*	2	P	
943	*Pseudomonas avellanae*	2	P	
944	*Pseudomonas cannabina*	2	P	
945	*Pseudomonas caricapapayae*	2	P	
946	*Pseudomonas cichorii*	2	P	
947	*Pseudomonas cissicola*	2	P	
948	*Pseudomonas corrugata*	2	P	
949	*Pseudomonas costantinii*	2	P	
950	*Pseudomonas ficuserectae*	2	P	
951	*Pseudomonas flectens*	2	P	
952	*Pseudomonas fuscovaginae*	2	P	
953	*Pseudomonas luteola*	2		
954	*Pseudomonas marginalis*	2	P	
955	*Pseudomonas mediterranea*	2	P	
956	*Pseudomonas meliae*	2	P	
957	*Pseudomonas mendocina*	2		
958	*Pseudomonas oryzihabitans*	2		
959	*Pseudomonas otitidis*	2		
960	*Pseudomonas palleroniana*	2	P	
961	*Pseudomonas plecoglossicida*	2		
962	*Pseudomonas protegens*	2	A	
963	*Pseudomonas salomonii*	2	P	
964	*Pseudomonas savastanoi*	2	P	
965	*Pseudomonas simiae*	2		
966	*Pseudomonas stutzeri*	2		
967	*Pseudomonas syringae*	2	P	
968	*Pseudomonas tolaasii*	2	P	
969	*Pseudomonas tremae*	2	P	
970	*Pseudomonas viridiflava*	2	P	
971	*Pseudopropionibacterium propionicum*	2		
972	*Pseudoramibacter alactolyticus*	2	A	
973	*Psychrobacter phenylpyruvicus*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
974	*Psychrobacter pulmonis*	2		
975	*Ralstonia mannitolytica*	2		
976	*Ralstonia pickettii*	2		
977	*Ralstonia solanacearum*	2	P	
978	*Ralstonia syzygii*	2	P	Subdivided in subspecies *Ralstonia syzygii* subsp. *celebesensis*, *Ralstonia syzygii* subsp. *indonesiensis* and *Ralstonia syzygii* subsp. *syzygii*
979	*Raoultella ornithinolytica*	2		
980	*Rathayibacter iranicus*	2	P	
981	*Rathayibacter rathayi*	2	P	
982	*Rathayibacter toxicus*	2	P	
983	*Rathayibacter tritici*	2	P	
984	*Renibacterium salmoninarum*	2	A	
985	*Rhizobacter dauci*	2	P	
986	*Rhizobium larrymoorei*	2	P	
987	*Rhizobium radiobacter*	2	P	
988	*Rhizobium rhizogenes*	2	P	
989	*Rhizobium rubi*	2	P	
990	*Rhizobium vitis*	2	P	
991	*Rhizorhapis suberifaciens*	2	P	
992	*Rhodococcus fascians*	2	P	
993	*Rhodococcus gordoniae*	2		
994	*Rhodococcus hoagii*	2		≡ *Rhococcus equi, Corynebacterium hoagii*
995	*Rickettsia aeschlimannii*	3		
996	*Rickettsia africae*	3		
997	*Rickettsia akari*	3		
998	*Rickettsia australis*	3		
999	*Rickettsia bellii*	3		
1000	*Rickettsia canadensis*	3		
1001	*Rickettsia conorii*	3		
1002	*Rickettsia felis*	3		
1003	*Rickettsia honei*	3		
1004	*Rickettsia japonica*	3		
1005	*Rickettsia montanensis*	3		
1006	*Rickettsia prowazekii*	3		
1007	*Rickettsia rickettsii*	3		
1008	*Rickettsia typhi*	3		
1009	*Rickettsiella chironomi*	2	A	

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
1010	*Rickettsiella grylli*	2	A	
1011	*Rickettsiella popilliae*	2	A	
1012	*Riemerella anatipestifer*	2	A	
1013	*Riemerella columbina*	2	A	
1014	*Robbsia andropogonis*	2	P	
1015	*Rodentibacter pneumotropicus*	2		
1016	*Rothia dentocariosa*	2		
1017	*Rothia mucilaginosa*	2		
1018	*Salmonella bongori*	2		
1019	*Salmonella enterica* subsp. *arizonae*	2		
1020	*Salmonella enterica* subsp. *enterica*	2		≡ *Salmonella enterica, Salmonella cholerasuis, Salmonella enteriditis*
1021	*Salmonella enterica* subsp. *enterica* serovar Abortusequi	2	A	≡ *Salmonella* Abortusequi
1022	*Salmonella enterica* subsp. *enterica* serovar Abortusovis	2	A	≡ *Salmonella* Abortusovis
1023	*Salmonella enterica* subsp. *enterica* serovar Gallinarum	2	A	≡ *Salmonella* Gallinarum
1024	*Salmonella enterica* subsp. *enterica* serovar Infantis	2		≡ *Salmonella* Infantis
1025	*Salmonella enterica* subsp. *enterica* serovar Paratyphi	2		≡ *Salmonella* Paratyphi
1026	*Salmonella enterica* subsp. *enterica* serovar Poona	2		≡ *Salmonella* Poona
1027	*Salmonella enterica* subsp. *enterica* serovar Pullorum	2	A	≡ *Salmonella* Pullorum
1028	*Salmonella enterica* subsp. *enterica* serovar Typhi	3		≡ *Salmonella* Typhi
1029	*Salmonella enterica* subsp. *enterica* serovar Typhimurium	2		≡ *Salmonella* Typhimurium
1030	*Salmonella enterica* subsp. *enterica* serovar Typhimurium strain TA1535	2		≡ *Salmonella* Typhimurium
1031	*Samsonia erythrinae*	2	P	
1032	*Sanguibacter inulinus*	2		
1033	*Sanguibacter keddieii*	2		
1034	*Sanguibacter suarezii*	2		
1035	*Sedimentibacter hongkongensis*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
1036	*Segniliparus rotundus*	2		
1037	*Segniliparus rugosus*	2		
1038	*Selenomonas artemidis*	2		
1039	*Selenomonas dianae*	2		
1040	*Selenomonas flueggei*	2		
1041	*Selenomonas infelix*	2		
1042	*Selenomonas noxia*	2		
1043	*Serratia grimesii*	2		
1044	*Serratia liquefaciens*	2		
1045	*Serratia marcescens*	2	P	Subdivided in subspecies *Serratia marcescens* subsp. *marcescens* and *Serratia marcescens* subsp. *sakuensis*
1046	*Serratia proteamaculans*	2	P	
1047	*Serratia rubidaea*	2	A	
1048	*Shewanella algae*	2		
1049	*Shewanella oneidensis*	2		
1050	*Shewanella putrefaciens*	2		
1051	*Shigella boydii*	2		
1052	*Shigella dysenteriae*	3		
1053	*Shigella flexneri*	2		
1054	*Shigella sonnei*	2		
1055	*Shuttleworthia satelles*	2		
1056	*Slackia exigua*	2		
1057	*Sphingobacterium mizutaii*	2		
1058	*Sphingobacterium multivorum*	2		
1059	*Sphingobacterium spiritivorum*	2		
1060	*Sphingobacterium thalpophilum*	2		
1061	*Sphingomonas melonis*	2	P	
1062	*Sphingomonas parapaucimobilis*	2		
1063	*Sphingomonas paucimobilis*	2		
1064	*Spiroplasma apis*	2	A	
1065	*Spiroplasma citri*	2	P	
1066	*Spiroplasma kunkelii*	2	P	
1067	*Spiroplasma melliferum*	2	A	
1068	*Spiroplasma mirum*	2	A	
1069	*Spiroplasma phoeniceum*	2	P	

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
1070	*Staphylococcus aureus*	2		Subdivided in subspecies *Staphylococcus aureus* subsp. *anaerobius* and *Staphylococcus aureus* subsp. *aureus*
1071	*Staphylococcus capitis*	2		Subdivided in subspecies *Staphylococcus capitis* subsp. *capitis* and *Staphylococcus capitis* subsp. *urealyticus*
1072	*Staphylococcus caprae*	2		
1073	*Staphylococcus cohnii*	2		Subdivided in subspecies *Staphylococcus cohnii* subsp. *cohnii* and *Staphylococcus cohnii* subsp. *urealyticus*
1074	*Staphylococcus epidermidis*	2		
1075	*Staphylococcus felis*	2	A	
1076	*Staphylococcus haemolyticus*	2		
1077	*Staphylococcus hominis*	2		Subdivided in subspecies *Staphylococcus hominis* subsp. *hominis* and *Staphylococcus hominis* subsp. *novobiosepticus*
1078	*Staphylococcus hyicus*	2	A	
1079	*Staphylococcus intermedius*	2	A	
1080	*Staphylococcus lugdunensis*	2		
1081	*Staphylococcus lutrae*	2	A	
1082	*Staphylococcus nepalensis*	2		
1083	*Staphylococcus saccharolyticus*	2		
1084	*Staphylococcus saprophyticus*	2		Subdivided in subspecies *Staphylococcus saprophyticus* subsp. *bovis* and *Staphylococcus saprophyticus* subsp. *saprophyticus*
1085	*Staphylococcus schleiferi*	2		Subdivided in subspecies *Staphylococcus schleiferi* subsp. *coagulans* and *Staphylococcus schleiferi* subsp. *schleiferi*
1086	*Staphylococcus simiae*	2	A	
1087	*Staphylococcus simulans*	2		
1088	*Staphylococcus xylosus*	2		
1089	*Stenotrophomonas maltophilia*	2		
1090	*Streptobacillus moniliformis*	2		
1091	*Streptococcus acidominimus*	2		
1092	*Streptococcus agalactiae*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
1093	*Streptococcus anginosus*	2		Subdivided in subspecies *Streptococcus anginosus* subsp. *anginosus* and *Streptococcus anginosus* subsp. *whileyi*
1094	*Streptococcus caballi*	2		
1095	*Streptococcus canis*	2		
1096	*Streptococcus castoreus*	2		
1097	*Streptococcus constellatus*	2		Subdivided in subspecies *Streptococcus constellatus* subsp. *constellatus*, *Streptococcus constellatus* subsp. *pharyngis* and *Streptococcus constellatus* subsp. *viborgensis*
1098	*Streptococcus didelphis*	2	A	
1099	*Streptococcus dysgalactiae*	2		Subdivided in subspecies *Streptococcus dysgalactiae* subsp. *dysgalactiae* and *Streptococcus dysgalactiae* subsp. *equisimilis*
1100	*Streptococcus equi*	2		Subdivided in subspecies *Streptococcus equi* subsp. *equi*, *Streptococcus equi* subsp. *ruminatorum* and *Streptococcus equi* subsp. *zooepidemicus*
1101	*Streptococcus equinus*	2		
1102	*Streptococcus gallinaceus*	2		
1103	*Streptococcus gallolyticus*	2		Subdivided in subspecies *Streptococcus gallolyticus* subsp. *gallolyticus*, *Streptococcus gallolyticus* subsp. *macedonicus* and *Streptococcus gallolyticus* subsp. *Pasteurianus*
1104	*Streptococcus halichoeri*	2		
1105	*Streptococcus henryi*	2		
1106	*Streptococcus iniae*	2		
1107	*Streptococcus lutetiensis*	2		
1108	*Streptococcus massiliensis*	2		
1109	*Streptococcus mitis*	2		
1110	*Streptococcus mutans*	2		
1111	*Streptococcus oralis*	2		Subdivided in subspecies *Streptococcus oralis* subsp. *dentisani*, *Streptococcus oralis* subsp. *oralis* and *Streptococcus oralis* subsp. *tigurinus*
1112	*Streptococcus ovis*	2	A	
1113	*Streptococcus parasanguinis*	2		
1114	*Streptococcus phocae*	2	A	Subdivided in subspecies *Streptococcus phocae* subsp. *phocae* and *Streptococcus phocae* subsp. *salmonis*
1115	*Streptococcus pluranimalium*	2	A	
1116	*Streptococcus pneumoniae*	2		
1117	*Streptococcus porcinus*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
1118	*Streptococcus pseudopneumoniae*	2		
1119	*Streptococcus pseudoporcinus*	2		
1120	*Streptococcus pyogenes*	2		
1121	*Streptococcus salivarius*	2		Subdivided in subspecies *Streptococcus salivarius* subsp. *salivarius* and *Streptococcus salivarius* subsp. *thermophilus*
1122	*Streptococcus sanguinis*	2		
1123	*Streptococcus sinensis*	2		
1124	*Streptococcus sobrinus*	2		
1125	*Streptococcus suis*	2		
1126	*Streptococcus uberis*	2		
1127	*Streptomyces acidiscabies*	2	P	
1128	*Streptomyces albidoflavus*	2	P	
1129	*Streptomyces candidus*	2	P	
1130	*Streptomyces collinus*	2	P	
1131	*Streptomyces europaeiscabiei*	2	P	
1132	*Streptomyces intermedius*	2	P	
1133	*Streptomyces ipomoeae*	2	P	
1134	*Streptomyces luridiscabiei*	2	P	
1135	*Streptomyces niveiscabiei*	2	P	
1136	*Streptomyces puniciscabiei*	2	P	
1137	*Streptomyces reticuliscabei*	2	P	
1138	*Streptomyces scabiei*	2	P	
1139	*Streptomyces setonii*	2	P	
1140	*Streptomyces somaliensis*	2		
1141	*Streptomyces stelliscabiei*	2	P	
1142	*Streptomyces turgidiscabies*	2	P	
1143	*Streptomyces wedmorensis*	2	P	
1144	*Sutterella wadsworthensis*	2		
1145	*Suttonella indologenes*	2		
1146	*Tannerella forsythia*	2		
1147	*Tatlockia maceachernii*	2		
1148	*Tatlockia micdadei*	2		
1149	*Tatumella ptyseos*	2		
1150	*Taylorella equigenitalis*	2	A	
1151	*Tenacibaculum maritimum*	2	A	

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
1152	*Tenacibaculum ovolyticum*	2	A	
1153	*Terrisporobacter glycolicus*	2		
1154	*Tetragenococcus solitarius*	2		
1155	*Tissierella praeacuta*	2		
1156	*Treponema amylovorum*	2		
1157	*Treponema brennaborense*	2	A	
1158	*Treponema denticola*	2		
1159	*Treponema lecithinolyticum*	2		
1160	*Treponema maltophilum*	2		
1161	*Treponema medium*	2		
1162	*Treponema pallidum*	2		
1163	*Treponema paraluiscuniculi*	2	A	
1164	*Treponema parvum*	2		
1165	*Treponema pectinovorum*	2		
1166	*Treponema pertenue*	2		
1167	*Treponema socranskii*	2		Subdivided in subspecies *Treponema socranskii* subsp. *buccale*, *Treponema socranskii* subsp. *socranskii* and *Treponema socranskii* subsp. *paredis*
1168	*Treponema vincentii*	2		
1169	*Tropheryma whipplei*	2		
1170	*Trueperella abortisuis*	2		
1171	*Trueperella bernardiae*	2		
1172	*Trueperella bialowiezensis*	2	A	
1173	*Trueperella bonasi*	2	A	
1174	*Trueperella pyogenes*	2	A	
1175	*Tsukamurella inchonensis*	2		
1176	*Tsukamurella pulmonis*	2		
1177	*Tsukamurella tyrosinosolvens*	2		
1178	*Turicella otitidis*	2		
1179	*Ureaplasma diversum*	2	A	
1180	*Ureaplasma gallorale*	2	A	
1181	*Ureaplasma parvum*	2		
1182	*Ureaplasma urealyticum*	2		
1183	*Uruburuella suis*	2	A	
1184	*Vagococcus lutrae*	2		
1185	*Vagococcus salmoninarum*	2	A	
1186	*Varibaculum cambriense*	2		

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
1187	*Veillonella denticariosi*	2		
1188	*Vibrio aestuarianus*	2	A	
1189	*Vibrio alginolyticus*	2		
1190	*Vibrio anguillarum*	2	A	
1191	*Vibrio cholerae*	2		
1192	*Vibrio cincinnatiensis*	2		
1193	*Vibrio fluvialis*	2		
1194	*Vibrio harveyi*	2	A	
1195	*Vibrio ichthyoenteri*	2	A	
1196	*Vibrio metchnikovii*	2		
1197	*Vibrio mimicus*	2		
1198	*Vibrio ordalii*	2	A	
1199	*Vibrio parahaemolyticus*	2		
1200	*Vibrio penaeicida*	2	A	
1201	*Vibrio proteolyticus*	2		
1202	*Vibrio splendidus*	2	A	
1203	*Vibrio vulnificus*	2		
1204	*Volucribacter amazonae*	2	A	
1205	*Volucribacter psittacicida*	2	A	
1206	*Waddlia chondrophila*	2		
1207	*Williamsia deligens*	2		
1208	*Xanthomonas albilineans*	2	P	
1209	*Xanthomonas alfalfae*	2	P	Subdivided in subspecies X*anthomonas alfalfae* subsp. *alfalfae* and *Xanthomonas alfalfae* subsp. *citrumelonis*
1210	*Xanthomonas arboricola*	2	P	
1211	*Xanthomonas axonopodis*	2	P	
1212	*Xanthomonas bromi*	2	P	
1213	*Xanthomonas campestris*	2	P	
1214	*Xanthomonas cassavae*	2	P	
1215	*Xanthomonas citri*	2	P	Subdivided in subspecies *Xanthomonas citri* subsp. *citri* and *Xanthomonas citri* subsp. *malvacearum*
1216	*Xanthomonas codiaei*	2	P	
1217	*Xanthomonas curcurbitae*	2	P	
1218	*Xanthomonas cynarae*	2	P	
1219	*Xanthomonas euvesicatoria*	2	P	
1220	*Xanthomonas fragariae*	2	P	

No.	*Genus*/ *species*/ strain	Class	A/P	Remarks/division in subspecies
1221	*Xanthomonas fuscans*	2	P	Subdivided in subspecies *Xanthomonas fuscans* subsp. *aurantifolii* and *Xanthomonas fuscans* subsp. *fuscans*
1222	*Xanthomonas gardneri*	2	P	
1223	*Xanthomonas hortorum*	2	P	
1224	*Xanthomonas hyacinthi*	2	P	
1225	*Xanthomonas melonis*	2	P	
1226	*Xanthomonas oryzae*	2	P	
1227	*Xanthomonas perforans*	2	P	
1228	*Xanthomonas pisi*	2	P	
1229	*Xanthomonas populi*	2	P	
1230	*Xanthomonas sacchari*	2	P	
1231	*Xanthomonas theicola*	2	P	
1232	*Xanthomonas translucens*	2	P	
1233	*Xanthomonas vasicola*	2	P	
1234	*Xanthomonas vesicatoria*	2	P	
1235	*Xylella fastidiosa*	2	P	Subdivided in subspecies *Xylella fastidiosa* subsp. *fastidiosa* and *Xylella fastidiosa* subsp. *multiplex*
1236	*Xylophilus ampelinus*	2	P	
1237	*Yersinia aleksiciae*	2		
1238	*Yersinia enterocolitica*	2		Subdivided in subspecies *Yersinia enterocolitica* subsp. *enterocolitica* and *Yersinia enterocolitica* subsp. *palearctica*
1239	*Yersinia frederiksenii*	2		
1240	*Yersinia intermedia*	2		
1241	*Yersinia kristensenii*	2		
1242	*Yersinia pestis*	3		
1243	*Yersinia pseudotuberculosis*	2		
1244	*Yersinia ruckeri*	2	A	
1245	*Yersinia similis*	2		
1246	*Yokenella regensburgei*	2		

A Animal pathogen

P Plant pathogen

≡ No concensus regarding nomenclature: synonyms can both be used