

Table S3. Complete set of taxa present in our local genome database that was used to search for chlamydial genes in Plantae.

1	1 Amoebozoa-Acanthamoeba castellanii
2	2 Amoebozoa-Dictyostelium discoideum
3	3 Amoebozoa-Entamoeba histolytica
4	4 Amoebozoa-Hartmannella vermiformis
5	1 Chromalveolata-Alexandrium tamarense
6	2 Chromalveolata-Aureococcus anophagefferens
7	3 Chromalveolata-Emiliania huxleyi
8	4 Chromalveolata-Guillardia theta
9	5 Chromalveolata-Isochrysis galbana
10	6 Chromalveolata-Karenia brevis
11	7 Chromalveolata-Laminaria digitata
12	8 Chromalveolata-Paramecium tetraurelia
13	9 Chromalveolata-Pavlova lutheri
14	10 Chromalveolata-Phaeodactylum tricornutum
15	11 Chromalveolata-Phytophthora sojae
16	12 Chromalveolata-Plasmodium falciparum
17	13 Chromalveolata-Tetrahymena thermophila
18	14 Chromalveolata-Thalassiosira pseudonana
19	15 Chromalveolata-Toxoplasma gondii
20	1 Excavata-Euglena gracilis
21	2 Excavata-Giardia lamblia
22	3 Excavata-Jakoba bahamiensis
23	4 Excavata-Jakoba libera
24	5 Excavata-Leishmania major
25	6 Excavata-Malawimonas californiana
26	7 Excavata-Malawimonas jakobiformis
27	8 Excavata-Naegleria gruberi
28	9 Excavata-Trichomonas vaginalis
29	10 Excavata-Trypanosoma brucei
30	11 Excavata-Trypanosoma cruzi
31	1 Opisthokonta-Apis mellifera
32	2 Opisthokonta-Cryptococcus neoformans
33	3 Opisthokonta-Danio rerio
34	4 Opisthokonta-Drosophila melanogaster
35	5 Opisthokonta-Magnaporthe grisea
36	6 Opisthokonta-Mus musculus
37	7 Opisthokonta-Saccharomyces cerevisiae
38	8 Opisthokonta-Schizosaccharomyces pombe
39	9 Opisthokonta-Sporobolomyces roseus
40	10 Opisthokonta-Ustilago maydis
41	1 Plantae-Arabidopsis thaliana
42	2 Plantae-Chlamydomonas reinhardtii
43	3 Plantae-Chondrus crispus
44	4 Plantae-Cyanidioschyzon merolae
45	5 Plantae-Cyanophora paradoxa
46	6 Plantae-Galdieria sulphuraria
47	7 Plantae-Glaucocystis nostochinearum

48	8 Plantae-Gracilaria changii
49	9 Plantae-Oryza sativa
50	10 Plantae-Ostreococcus lucimarinus
51	11 Plantae-Ostreococcus tauri
52	12 Plantae-Physcomitrella patens
53	13 Plantae-Porphyra yezoensis
54	14 Plantae-Volvox carteri
55	1 Rhizaria-Bigelowiella natans
56	2 Rhizaria-Reticulomyxa filosa
57	1 Chlamydia-Candidatus Protochlamydia
58	2 Chlamydia-Chlamydia muridarum
59	3 Chlamydia-Chlamydia trachomatis
60	4 Chlamydia-Chlamydophila abortus
61	5 Chlamydia-Chlamydophila caviae
62	6 Chlamydia-Chlamydophila felis
63	7 Chlamydia-Chlamydophila pneumoniae
64	8 Chlamydia-Chlamydophila psittaci
65	1 Cyanobacteria-Anabaena variabilis
66	2 Cyanobacteria-Crocospaera watsonii
67	3 Cyanobacteria-Cyanothece sp.
68	4 Cyanobacteria-Gloeobacter violaceus
69	5 Cyanobacteria-Leptolyngbya foveolarum
70	6 Cyanobacteria-Leptolyngbya sp.
71	7 Cyanobacteria-Leptolyngbya valderiana
72	8 Cyanobacteria-Lyngbya sp.
73	9 Cyanobacteria-Microcystis aeruginosa
74	10 Cyanobacteria-Nodularia spumigena
75	11 Cyanobacteria-Nostoc punctiforme
76	12 Cyanobacteria-Nostoc sp.
77	13 Cyanobacteria-Prochlorococcus marinus
78	14 Cyanobacteria-Synechococcus elongatus
79	15 Cyanobacteria-Synechococcus sp.
80	16 Cyanobacteria-Synechocystis sp.
81	17 Cyanobacteria-Thermosynechococcus elongatus
82	18 Cyanobacteria-Trichodesmium erythraeum
83	1 Bacteria-Acetobacter aceti
84	2 Bacteria-Achromobacter xylosoxidans
85	3 Bacteria-Acidiphilium cryptum
86	4 Bacteria-Acidiphilium multivorum
87	5 Bacteria-Acidithiobacillus caldus
88	6 Bacteria-Acidithiobacillus ferrooxidans
89	7 Bacteria-Acidobacteria bacterium
90	8 Bacteria-Acidothermus cellulosyticus
91	9 Bacteria-Acidovorax avenae
92	10 Bacteria-Acidovorax sp.
93	11 Bacteria-Acinetobacter baumannii
94	12 Bacteria-Actinobacillus actinomycetemcomitans

95	13 Bacteria-Actinobacillus pleuropneumoniae
96	14 Bacteria-Actinobacillus porcitosillarum
97	15 Bacteria-Actinobacillus succinogenes
98	16 Bacteria-Actinomyces odontolyticus
99	17 Bacteria-Aeromonas bestiarum
100	18 Bacteria-Aeromonas hydrophila
101	19 Bacteria-Aeromonas punctata
102	20 Bacteria-Aeromonas salmonicida
103	21 Bacteria-Agrobacterium tumefaciens
104	22 Bacteria-Alcanivorax borkumensis
105	23 Bacteria-Algoriphagus sp.
106	24 Bacteria-Alkalilimnicola ehrlichei
107	25 Bacteria-Alkaliphilus metalliredigens
108	26 Bacteria-alpha proteobacterium
109	27 Bacteria-Alteromonadales bacterium
110	28 Bacteria-Anaeromyxobacter dehalogenans
111	29 Bacteria-Anaeromyxobacter sp.
112	30 Bacteria-Anaplasma marginale
113	31 Bacteria-Anaplasma phagocytophilum
114	32 Bacteria-Aquifex aeolicus
115	33 Bacteria-Arcanobacterium pyogenes
116	34 Bacteria-Arcobacter butzleri
117	35 Bacteria-Arthrobacter aurescens
118	36 Bacteria-Arthrobacter nitroguajacolicus
119	37 Bacteria-Arthrobacter sp.
120	38 Bacteria-Aster yellows
121	39 Bacteria-Aurantimonas sp.
122	40 Bacteria-Avibacterium paragallinarum
123	41 Bacteria-Azoarcus sp.
124	42 Bacteria-Bacillus amyloliquefaciens
125	43 Bacteria-Bacillus anthracis
126	44 Bacteria-Bacillus cereus
127	45 Bacteria-Bacillus coagulans
128	46 Bacteria-Bacillus licheniformis
129	47 Bacteria-Bacillus megaterium
130	48 Bacteria-Bacillus methanolicus
131	49 Bacteria-Bacillus mycoides
132	50 Bacteria-Bacillus pumilus
133	51 Bacteria-Bacillus sp.
134	52 Bacteria-Bacillus subtilis
135	53 Bacteria-Bacillus thuringiensis
136	54 Bacteria-Bacillus weihenstephanensis
137	55 Bacteria-Bacteroides caccae
138	56 Bacteria-Bacteroides capillosus
139	57 Bacteria-Bacteroides fragilis
140	58 Bacteria-Bacteroides thetaiotaomicron
141	59 Bacteria-Bacteroides vulgatus

142	60 Bacteria-Bartonella bacilliformis
143	61 Bacteria-Bartonella grahamii
144	62 Bacteria-Baumannia cicadellinicola
145	63 Bacteria-Bdellovibrio bacteriovorus
146	64 Bacteria-Beet leafhopper
147	65 Bacteria-Beggiatoa sp.
148	66 Bacteria-Bifidobacterium adolescentis
149	67 Bacteria-Bifidobacterium breve
150	68 Bacteria-Bifidobacterium longum
151	69 Bacteria-Bifidobacterium pseudocatenulatum
152	70 Bacteria-Bordetella bronchiseptica
153	71 Bacteria-Bordetella pertussis
154	72 Bacteria-Borrelia afzelii
155	73 Bacteria-Borrelia burgdorferi
156	74 Bacteria-Borrelia duttonii
157	75 Bacteria-Borrelia garinii
158	76 Bacteria-Bradyrhizobium japonicum
159	77 Bacteria-Bradyrhizobium sp.
160	78 Bacteria-Brucella ovis
161	79 Bacteria-Buchnera aphidicola
162	80 Bacteria-Burkholderia ambifaria
163	81 Bacteria-Burkholderia cenocepacia
164	82 Bacteria-Burkholderia cepacia
165	83 Bacteria-Burkholderia mallei
166	84 Bacteria-Burkholderia multivorans
167	85 Bacteria-Burkholderia phymatum
168	86 Bacteria-Burkholderia phytofirmans
169	87 Bacteria-Burkholderia pseudomallei
170	88 Bacteria-Burkholderia sp.
171	89 Bacteria-Burkholderia vietnamiensis
172	90 Bacteria-Burkholderia xenovorans
173	91 Bacteria-Butyrivibrio fibrisolvens
174	92 Bacteria-Caldicellulosiruptor saccharolyticus
175	93 Bacteria-Caminibacter mediatlanticus
176	94 Bacteria-Campylobacter coli
177	95 Bacteria-Campylobacter concisus
178	96 Bacteria-Campylobacter curvus
179	97 Bacteria-Campylobacter fetus
180	98 Bacteria-Campylobacter hominis
181	99 Bacteria-Campylobacter jejuni
182	100 Bacteria-Campylobacter lari
183	101 Bacteria-candidate division
184	102 Bacteria-Candidatus Blochmannia
185	103 Bacteria-Candidatus Carsonella
186	104 Bacteria-Candidatus Desulfococcus
187	105 Bacteria-Candidatus Pelagibacter
188	106 Bacteria-Candidatus Ruthia

189	107 Bacteria-Candidatus Sulcia
190	108 Bacteria-Candidatus Vesicomysocius
191	109 Bacteria-Carboxydotherrnus hydrogenoformans
192	110 Bacteria-Caulobacter crescentus
193	111 Bacteria-Caulobacter sp.
194	112 Bacteria-Chlorobium chlorochromatii
195	113 Bacteria-Chlorobium ferrooxidans
196	114 Bacteria-Chlorobium limicola
197	115 Bacteria-Chlorobium phaeobacteroides
198	116 Bacteria-Chloroflexus aggregans
199	117 Bacteria-Chromobacterium violaceum
200	118 Bacteria-Chromohalobacter salexigens
201	119 Bacteria-Citrobacter koseri
202	120 Bacteria-Clavibacter michiganensis
203	121 Bacteria-Clostridium acetobutylicum
204	122 Bacteria-Clostridium beijerinckii
205	123 Bacteria-Clostridium botulinum
206	124 Bacteria-Clostridium cellulolyticum
207	125 Bacteria-Clostridium difficile
208	126 Bacteria-Clostridium kluveri
209	127 Bacteria-Clostridium novyi
210	128 Bacteria-Clostridium perfringens
211	129 Bacteria-Clostridium phytofermentans
212	130 Bacteria-Clostridium sp.
213	131 Bacteria-Clostridium tetani
214	132 Bacteria-Clostridium thermocellum
215	133 Bacteria-Collinsella aerofaciens
216	134 Bacteria-Comamonas testosteroni
217	135 Bacteria-Corynebacterium diphtheriae
218	136 Bacteria-Corynebacterium glutamicum
219	137 Bacteria-Corynebacterium jeikeium
220	138 Bacteria-Corynebacterium renale
221	139 Bacteria-Corynebacterium sp.
222	140 Bacteria-Corynebacterium striatum
223	141 Bacteria-Coxiella burnetii
224	142 Bacteria-Cytophaga hutchinsonii
225	143 Bacteria-Dechloromonas aromatica
226	144 Bacteria-Dehalococcoides ethenogenes
227	145 Bacteria-Dehalococcoides sp.
228	146 Bacteria-Deinococcus geothermalis
229	147 Bacteria-Deinococcus radiodurans
230	148 Bacteria-Delftia acidovorans
231	149 Bacteria-delta proteobacterium
232	150 Bacteria-Desulfitobacterium hafniense
233	151 Bacteria-Desulfotalea psychrophila
234	152 Bacteria-Desulfotomaculum reducens
235	153 Bacteria-Desulfovibrio desulfuricans

236	154 Bacteria-Desulfovibrio vulgaris
237	155 Bacteria-Desulfuromonas acetoxidans
238	156 Bacteria-Dichelobacter nodosus
239	157 Bacteria-Dinoroseobacter shibae
240	158 Bacteria-Dorea longicatena
241	159 Bacteria-Edwardsiella ictaluri
242	160 Bacteria-Ehrlichia canis
243	161 Bacteria-Ehrlichia chaffeensis
244	162 Bacteria-Ehrlichia ruminantium
245	163 Bacteria-Enterobacter aerogenes
246	164 Bacteria-Enterobacteria phage
247	165 Bacteria-Enterobacter sakazakii
248	166 Bacteria-Enterobacter sp.
249	167 Bacteria-Enterococcus faecalis
250	168 Bacteria-Enterococcus faecium
251	169 Bacteria-Erwinia sp.
252	170 Bacteria-Erysipelothrix rhusiopathiae
253	171 Bacteria-Erythrobacter litoralis
254	172 Bacteria-Erythrobacter sp.
255	173 Bacteria-Escherichia coli
256	174 Bacteria-Escherichia sp.
257	175 Bacteria-Eubacterium ventriosum
258	176 Bacteria-Feravidobacterium nodosum
259	177 Bacteria-Flavobacteria bacterium
260	178 Bacteria-Flavobacterium johnsoniae
261	179 Bacteria-Flavobacterium psychrophilum
262	180 Bacteria-Francisella tularensis
263	181 Bacteria-Frankia alni
264	182 Bacteria-Frankia sp.
265	183 Bacteria-Fulvimarina pelagi
266	184 Bacteria-Fusobacterium nucleatum
267	185 Bacteria-Geobacillus thermodenitrificans
268	186 Bacteria-Geobacter bemidjiensis
269	187 Bacteria-Geobacter lovleyi
270	188 Bacteria-Geobacter metallireducens
271	189 Bacteria-Geobacter sp.
272	190 Bacteria-Geobacter uraniumreducens
273	191 Bacteria-Gluconobacter oxydans
274	192 Bacteria-Gramella forsetii
275	193 Bacteria-Granulibacter bethesdensis
276	194 Bacteria-Haemophilus ducreyi
277	195 Bacteria-Haemophilus influenzae
278	196 Bacteria-Haemophilus parasuis
279	197 Bacteria-Haemophilus somnus
280	198 Bacteria-Hafnia alvei
281	199 Bacteria-Hahella chejuensis
282	200 Bacteria-Halorhodospira halophila

283 201 Bacteria-Halothermothrix orenii
284 202 Bacteria-Helicobacter acinonychis
285 203 Bacteria-Helicobacter pylori
286 204 Bacteria-Herminiimonas arsenicoxydans
287 205 Bacteria-Herpetosiphon aurantiacus
288 206 Bacteria-Histophilus somni
289 207 Bacteria-Hydrogenobaculum sp.
290 208 Bacteria-Hyphomonas neptunium
291 209 Bacteria-Jannaschia sp.
292 210 Bacteria-Janthinobacterium sp.
293 211 Bacteria-Kineococcus radiotolerans
294 212 Bacteria-Klebsiella pneumoniae
295 213 Bacteria-Lactobacillus acidophilus
296 214 Bacteria-Lactobacillus brevis
297 215 Bacteria-Lactobacillus casei
298 216 Bacteria-Lactobacillus delbrueckii
299 217 Bacteria-Lactobacillus fermentum
300 218 Bacteria-Lactobacillus gasseri
301 219 Bacteria-Lactobacillus johnsonii
302 220 Bacteria-Lactobacillus plantarum
303 221 Bacteria-Lactobacillus reuteri
304 222 Bacteria-Lactobacillus sakei
305 223 Bacteria-Lactobacillus salivarius
306 224 Bacteria-Lactococcus lactis
307 225 Bacteria-Lawsonia intracellularis
308 226 Bacteria-Legionella pneumophila
309 227 Bacteria-Leifsonia xyli
310 228 Bacteria-Leptospira borgpetersenii
311 229 Bacteria-Leptospira interrogans
312 230 Bacteria-Leptospirillum ferrooxidans
313 231 Bacteria-Leuconostoc citreum
314 232 Bacteria-Leuconostoc mesenteroides
315 233 Bacteria-Limnobacter sp.
316 234 Bacteria-Listeria monocytogenes
317 235 Bacteria-Listeria welshimeri
318 236 Bacteria-Listonella anguillarum
319 237 Bacteria-Magnetococcus sp.
320 238 Bacteria-Magnetospirillum gryphiswaldense
321 239 Bacteria-Magnetospirillum magneticum
322 240 Bacteria-Maricaulis maris
323 241 Bacteria-marine actinobacterium
324 242 Bacteria-marine gamma
325 243 Bacteria-Marinobacter algicola
326 244 Bacteria-Marinobacter aquaeolei
327 245 Bacteria-Marinobacter sp.
328 246 Bacteria-Marinococcus halophilus
329 247 Bacteria-Marinomonas sp.

330 248 Bacteria-Mariprofundus ferrooxydans
331 249 Bacteria-Mesorhizobium loti
332 250 Bacteria-Mesorhizobium sp.
333 251 Bacteria-Methylibium petroleiphilum
334 252 Bacteria-Methylobacillus flagellatus
335 253 Bacteria-Methylobacterium chloromethanicum
336 254 Bacteria-Methylobacterium extorquens
337 255 Bacteria-Methylobacterium sp.
338 256 Bacteria-Methylococcus capsulatus
339 257 Bacteria-Methylophilales bacterium
340 258 Bacteria-Micromonospora rosaria
341 259 Bacteria-Microscilla marina
342 260 Bacteria-Moorella thermoacetica
343 261 Bacteria-Moraxella sp.
344 262 Bacteria-Moritella sp.
345 263 Bacteria-Mycobacterium avium
346 264 Bacteria-Mycobacterium bovis
347 265 Bacteria-Mycobacterium gilvum
348 266 Bacteria-Mycobacterium smegmatis
349 267 Bacteria-Mycobacterium sp.
350 268 Bacteria-Mycobacterium tuberculosis
351 269 Bacteria-Mycobacterium ulcerans
352 270 Bacteria-Mycobacterium vanbaalenii
353 271 Bacteria-Mycoplasma agalactiae
354 272 Bacteria-Mycoplasma capricolum
355 273 Bacteria-Mycoplasma genitalium
356 274 Bacteria-Mycoplasma mobile
357 275 Bacteria-Mycoplasma mycoides
358 276 Bacteria-Mycoplasma penetrans
359 277 Bacteria-Mycoplasma pulmonis
360 278 Bacteria-Mycoplasma sp.
361 279 Bacteria-Mycoplasma synoviae
362 280 Bacteria-Myxococcus xanthus
363 281 Bacteria-Neisseria meningitidis
364 282 Bacteria-Neorickettsia sennetsu
365 283 Bacteria-Nitratiruptor sp.
366 284 Bacteria-Nitrobacter hamburgensis
367 285 Bacteria-Nitrobacter winogradskyi
368 286 Bacteria-Nitrosococcus oceani
369 287 Bacteria-Nitrosomonas europaea
370 288 Bacteria-Nitrosomonas eutropha
371 289 Bacteria-Nitrosospira multiformis
372 290 Bacteria-Nocardioides sp.
373 291 Bacteria-Novosphingobium aromaticivorans
374 292 Bacteria-Oceanicola granulosus
375 293 Bacteria-Oceanobacter sp.
376 294 Bacteria-Oceanospirillum sp.

377 295 Bacteria-Ochrobactrum anthropi
378 296 Bacteria-Oenococcus oeni
379 297 Bacteria-Orientia tsutsugamushi
380 298 Bacteria-Pantoea citrea
381 299 Bacteria-Parabacteroides distasonis
382 300 Bacteria-Parabacteroides merdae
383 301 Bacteria-Paracoccus denitrificans
384 302 Bacteria-Paracoccus methylutens
385 303 Bacteria-Paracoccus pantotrophus
386 304 Bacteria-Parvibaculum lavamentivorans
387 305 Bacteria-Pasteurella multocida
388 306 Bacteria-Pasteurella trehalosi
389 307 Bacteria-Pediococcus acidilactici
390 308 Bacteria-Pediococcus pentosaceus
391 309 Bacteria-Pedobacter sp.
392 310 Bacteria-Pelobacter carbinolicus
393 311 Bacteria-Pelobacter propionicus
394 312 Bacteria-Pelodictyon luteolum
395 313 Bacteria-Pelotomaculum thermopropionicum
396 314 Bacteria-Petrotoga mobilis
397 315 Bacteria-Photobacterium damsela
398 316 Bacteria-Photobacterium profundum
399 317 Bacteria-Photobacterium sp.
400 318 Bacteria-Plesiocystis pacifica
401 319 Bacteria-Polaromonas naphthalenivorans
402 320 Bacteria-Polaromonas sp.
403 321 Bacteria-Polynucleobacter sp.
404 322 Bacteria-Propionibacterium acidipropionici
405 323 Bacteria-Propionibacterium acnes
406 324 Bacteria-Prosthecochloris vibrioformis
407 325 Bacteria-Proteus vulgaris
408 326 Bacteria-Pseudoalteromonas atlantica
409 327 Bacteria-Pseudoalteromonas sp.
410 328 Bacteria-Pseudoalteromonas tunicata
411 329 Bacteria-Pseudomonas aeruginosa
412 330 Bacteria-Pseudomonas alcaligenes
413 331 Bacteria-Pseudomonas entomophila
414 332 Bacteria-Pseudomonas fluorescens
415 333 Bacteria-Pseudomonas fulva
416 334 Bacteria-Pseudomonas mendocina
417 335 Bacteria-Pseudomonas putida
418 336 Bacteria-Pseudomonas resinovorans
419 337 Bacteria-Pseudomonas sp.
420 338 Bacteria-Pseudomonas stutzeri
421 339 Bacteria-Pseudomonas syringae
422 340 Bacteria-Psychrobacter cryohalolentis
423 341 Bacteria-Psychrobacter sp.

424 342 Bacteria-Psychroflexus torquis
425 343 Bacteria-Psychromonas ingrahamii
426 344 Bacteria-Psychromonas sp.
427 345 Bacteria-Rahnella sp.
428 346 Bacteria-Ralstonia eutropha
429 347 Bacteria-Ralstonia metallidurans
430 348 Bacteria-Ralstonia pickettii
431 349 Bacteria-Ralstonia solanacearum
432 350 Bacteria-Rhizobium etli
433 351 Bacteria-Rhizobium leguminosarum
434 352 Bacteria-Rhizobium sp.
435 353 Bacteria-Rhodobacterales bacterium
436 354 Bacteria-Rhodobacter blasticus
437 355 Bacteria-Rhodobacter sphaeroides
438 356 Bacteria-Rhodococcus erythropolis
439 357 Bacteria-Rhodococcus opacus
440 358 Bacteria-Rhodococcus rhodochrous
441 359 Bacteria-Rhodococcus sp.
442 360 Bacteria-Rhodoferax ferrireducens
443 361 Bacteria-Rhodopseudomonas palustris
444 362 Bacteria-Rhodospirillum rubrum
445 363 Bacteria-Rhodothermus marinus
446 364 Bacteria-Rickettsia akari
447 365 Bacteria-Rickettsia bellii
448 366 Bacteria-Rickettsia canadensis
449 367 Bacteria-Rickettsia conorii
450 368 Bacteria-Rickettsia felis
451 369 Bacteria-Rickettsia massiliae
452 370 Bacteria-Rickettsia rickettsii
453 371 Bacteria-Rickettsia typhi
454 372 Bacteria-Rickettsiella grylli
455 373 Bacteria-Roseiflexus castenholzii
456 374 Bacteria-Roseiflexus sp.
457 375 Bacteria-Roseobacter denitrificans
458 376 Bacteria-Roseobacter sp.
459 377 Bacteria-Roseovarius sp.
460 378 Bacteria-Rubrobacter xylanophilus
461 379 Bacteria-Ruegeria sp.
462 380 Bacteria-Ruminococcus flavefaciens
463 381 Bacteria-Ruminococcus gnavus
464 382 Bacteria-Ruminococcus obeum
465 383 Bacteria-Ruminococcus torques
466 384 Bacteria-Saccharophagus degradans
467 385 Bacteria-Saccharopolyspora erythraea
468 386 Bacteria-Sagittula stellata
469 387 Bacteria-Salinibacter ruber
470 388 Bacteria-Salinispora arenicola

471 389 Bacteria-Salinispora tropica
472 390 Bacteria-Salmonella choleraesuis
473 391 Bacteria-Salmonella enterica
474 392 Bacteria-Salmonella enteritidis
475 393 Bacteria-Salmonella phage
476 394 Bacteria-Salmonella typhi
477 395 Bacteria-Salmonella typhimurium
478 396 Bacteria-Selenomonas ruminantium
479 397 Bacteria-Serratia entomophila
480 398 Bacteria-Serratia marcescens
481 399 Bacteria-Serratia proteamaculans
482 400 Bacteria-Shewanella amazonensis
483 401 Bacteria-Shewanella baltica
484 402 Bacteria-Shewanella denitrificans
485 403 Bacteria-Shewanella frigidimarina
486 404 Bacteria-Shewanella loihica
487 405 Bacteria-Shewanella oneidensis
488 406 Bacteria-Shewanella pealeana
489 407 Bacteria-Shewanella putrefaciens
490 408 Bacteria-Shewanella sediminis
491 409 Bacteria-Shewanella sp.
492 410 Bacteria-Shewanella woodyi
493 411 Bacteria-Shigella boydii
494 412 Bacteria-Shigella dysenteriae
495 413 Bacteria-Shigella flexneri
496 414 Bacteria-Shigella sonnei
497 415 Bacteria-Silicibacter sp.
498 416 Bacteria-Sinorhizobium medicae
499 417 Bacteria-Sodalis glossinidius
500 418 Bacteria-Solibacter usitatus
501 419 Bacteria-Sphingobium yanoikuyae
502 420 Bacteria-Sphingomonas sp.
503 421 Bacteria-Sphingomonas wittichii
504 422 Bacteria-Sphingopyxis alaskensis
505 423 Bacteria-Spiroplasma citri
506 424 Bacteria-Spiroplasma kunkelii
507 425 Bacteria-Staphylococcus aureus
508 426 Bacteria-Staphylococcus chromogenes
509 427 Bacteria-Staphylococcus epidermidis
510 428 Bacteria-Staphylococcus haemolyticus
511 429 Bacteria-Staphylococcus lugdunensis
512 430 Bacteria-Staphylococcus saprophyticus
513 431 Bacteria-Staphylococcus simulans
514 432 Bacteria-Staphylococcus sp.
515 433 Bacteria-Staphylococcus warneri
516 434 Bacteria-Stappia aggregata
517 435 Bacteria-Stenotrophomonas maltophilia

518	436 Bacteria-Stigmatella aurantiaca
519	437 Bacteria-Streptococcus agalactiae
520	438 Bacteria-Streptococcus gordonii
521	439 Bacteria-Streptococcus mutans
522	440 Bacteria-Streptococcus phage
523	441 Bacteria-Streptococcus pneumoniae
524	442 Bacteria-Streptococcus pyogenes
525	443 Bacteria-Streptococcus sanguinis
526	444 Bacteria-Streptococcus suis
527	445 Bacteria-Streptococcus thermophilus
528	446 Bacteria-Streptomyces avermitilis
529	447 Bacteria-Streptomyces clavuligerus
530	448 Bacteria-Streptomyces coelicolor
531	449 Bacteria-Streptomyces ghanaensis
532	450 Bacteria-Streptomyces laurentii
533	451 Bacteria-Streptomyces natalensis
534	452 Bacteria-Streptomyces phaeochromogenes
535	453 Bacteria-Streptomyces rochei
536	454 Bacteria-Streptomyces sp.
537	455 Bacteria-Streptomyces venezuelae
538	456 Bacteria-Streptomyces violaceoruber
539	457 Bacteria-Sulfurovum sp.
540	458 Bacteria-Symbiobacterium thermophilum
541	459 Bacteria-Syntrophobacter fumaroxidans
542	460 Bacteria-Syntrophomonas wolfei
543	461 Bacteria-Syntrophus aciditrophicus
544	462 Bacteria-Thermoanaerobacter ethanolicus
545	463 Bacteria-Thermoanaerobacterium thermosaccharolyticum
546	464 Bacteria-Thermobifida fusca
547	465 Bacteria-Thermosinus carboxydivorans
548	466 Bacteria-Thermosiphon melanesiensis
549	467 Bacteria-Thermotoga lettingae
550	468 Bacteria-Thermotoga petrophila
551	469 Bacteria-Thermus thermophilus
552	470 Bacteria-Thiomicrospira crunogena
553	471 Bacteria-Thiomicrospira denitrificans
554	472 Bacteria-Treponema denticola
555	473 Bacteria-Tropheryma whipplei
556	474 Bacteria-uncultured bacterium
557	475 Bacteria-unidentified eubacterium
558	476 Bacteria-Verminephrobacter eiseniae
559	477 Bacteria-Vibrio alginolyticus
560	478 Bacteria-Vibrio angustum
561	479 Bacteria-Vibrio cholerae
562	480 Bacteria-Vibrio fischeri
563	481 Bacteria-Vibrio harveyi
564	482 Bacteria-Vibrionales bacterium

565 483 Bacteria-Vibrio parahaemolyticus
566 484 Bacteria-Vibrio shilonii
567 485 Bacteria-Vibrio sp.
568 486 Bacteria-Vibrio vulnificus
569 487 Bacteria-Weissella cibaria
570 488 Bacteria-Wolbachia endosymbiont
571 489 Bacteria-Wolinella succinogenes
572 490 Bacteria-Xanthobacter autotrophicus
573 491 Bacteria-Xanthomonas campestris
574 492 Bacteria-Xanthomonas citri
575 493 Bacteria-Xanthomonas euvesicatoria
576 494 Bacteria-Xanthomonas oryzae
577 495 Bacteria-Xylella fastidiosa
578 496 Bacteria-Yersinia enterocolitica
579 497 Bacteria-Yersinia pestis
580 498 Bacteria-Yersinia pseudotuberculosis
581 499 Bacteria-Yersinia ruckeri
582 500 Bacteria-Zymomonas mobilis