



9.0 Buchnera aphidicola
24.0 Shewanella putrefaciens
56.0 Sorangium cellulosum
173.0 Leptospira interrogans
174.0 Leptospira borgpetersenii
196.0 Campylobacter fetus
197.0 Campylobacter jejuni
210.0 Helicobacter pylori
235.0 Brucella abortus
263.0 Francisella tularensis
266.0 Paracoccus denitrificans
274.0 Thermus thermophilus
287.0 Pseudomonas aeruginosa
288.0 Pseudomonas atlantica
300.0 Pseudomonas mendocina
303.0 Pseudomonas putida
305.0 Ralstonia solanacearum
316.0 Pseudomonas stutzeri
317.0 Pseudomonas syringae
339.0 Xanthomonas campestris
346.0 Xanthomonas citri
347.0 Xanthomonas oryzae
382.0 Sinorhizobium meliloti
384.0 Rhizobium leguminosarum
408.0 Methylobacterium extorquens
442.0 Gluconobacter oxydans
446.0 Legionella pneumophila
485.0 Neisseria gonorrhoeae
487.0 Neisseria meningitidis
518.0 Bordetella bronchiseptica
519.0 Bordetella parapertussis
520.0 Bordetella pertussis
521.0 Bordetella avium
529.0 Ochrobactrum anthropi
536.0 Chromobacterium violaceum
545.0 Citrobacter koseri
562.0 Escherichia coli
573.0 Klebsiella pneumoniae
622.0 Shigella dysenteriae
630.0 Yersinia enterocolitica
632.0 Yersinia pestis
633.0 Yersinia pseudotuberculosis
644.0 Aeromonas hydrophila
645.0 Aeromonas salmonicida
666.0 Vibrio cholerae
670.0 Vibrio parahaemolyticus
672.0 Vibrio vulnificus
680.0 Vibrio campbellii
715.0 Actinobacillus pleuropneumoniae
727.0 Haemophilus influenzae
730.0 Haemophilus ducreyi
731.0 Histophilus somni
747.0 Pasteurella multocida
770.0 Anaplasma marginale
774.0 Bartonella bacilliformis
777.0 Coxiella burnetii
782.0 Rickettsia prowazekii
783.0 Rickettsia rickettsii
784.0 Orientia tsutsugamushi
785.0 Rickettsia typhi
788.0 Rickettsia canadensis
803.0 Bartonella quintana
813.0 Chlamydia trachomatis
817.0 Bacteroides fragilis
818.0 Bacteroides thetaotaomicron
837.0 Porphyromonas gingivalis
844.0 Wolinella succinogenes
851.0 Fusobacterium nucleatum
881.0 Desulfovibrio vulgaris
945.0 Ehrlichia chaffeensis
948.0 Anaplasma phagocytophilum
959.0 Bredovibrio bacteriovorus
1063.0 Rhodobacter sphaeroides
1076.0 Rhodopseudomonas palustris
1085.0 Rhodospirillum rubrum
1096.0 Chlorobium phaeobacteroides
1108.0 Chloroflexus aurantiacus
1148.0 Synecocystis sp.
1219.0 Prochlorococcus marinus
1245.0 Leuconostoc mesenteroides
1255.0 Pediococcus pentosaceus
1280.0 Staphylococcus aureus
1282.0 Staphylococcus epidermidis
1283.0 Staphylococcus haemolyticus
1299.0 Deinococcus radiodurans
1302.0 Streptococcus gordonii
1305.0 Streptococcus sanguinis
1308.0 Streptococcus thermophilus
1311.0 Streptococcus agalactiae
1313.0 Streptococcus pneumoniae
1314.0 Streptococcus pyogenes
1351.0 Enterococcus faecalis
1358.0 Lactococcus lactis
1392.0 Bacillus anthracis
1396.0 Bacillus cereus
1402.0 Bacillus licheniformis
1405.0 Bacillus mycoides
1428.0 Bacillus thuringiensis
1488.0 Clostridium acetobutylicum
1491.0 Clostridium botulinum
1502.0 Clostridium perringtoni
1513.0 Clostridium tetani
1520.0 Clostridium thermocellum
1525.0 Moorella thermoacetica
1534.0 Clostridium kluyveri
1542.0 Clostridium novyi
1575.0 Leifsonia xyli
1579.0 Lactobacillus acidophilus
1580.0 Lactobacillus brevis
1584.0 Lactobacillus delbrueckii
1587.0 Lactobacillus helveticus
1596.0 Lactobacillus gasseri
1597.0 Lactobacillus paracasei
1598.0 Lactobacillus reuteri
1599.0 Lactobacillus sakei
1624.0 Lactobacillus salivarius
1639.0 Listeria monocytogenes
1643.0 Listeria welshimeri
1646.0 Renibacterium salmoninarum
1680.0 Bifidobacterium adolescentis
1717.0 Corynebacterium diphtheriae
1718.0 Corynebacterium glutamicum
1747.0 Cutibacterium acnes
1764.0 Mycobacterium avium
1769.0 Mycobacterium leprae
1772.0 Mycolicobacterium smegmatis
1773.0 Mycobacterium tuberculosis
1804.0 Mycolicobacterium gilvum
1809.0 Mycobacterium ulcerans
2095.0 Mycobacterium capricolum
2097.0 Mycobacterium genitalium
2099.0 Mycobacterium hyopneumoniae
2102.0 Mycobacterium mycoides
2104.0 Mycobacterium pneumoniae
2107.0 Mycobacterium pulmonis
2109.0 Mycobacterium synoviae
2110.0 Mycobacterium agalactiae
2148.0 Acholeplasma laidlawii
2151.0 Mesoplasma florum
2336.0 Thermotoga maritima
2371.0 Xylella fastidiosa
2434.0 Roseobacter denitrificans
2743.0 Marinobacter hydrocarbonoclasticus
13373.0 Burkholderia mallei
28141.0 Cronobacter sakazakii
28197.0 Arcobacter butzleri
28447.0 Clavibacter michiganensis
28450.0 Burkholderia pseudomallei
28901.0 Salmonella enterica
29385.0 Staphylococcus saprophyticus
29449.0 Rhizobium etli
29459.0 Brucella melitensis
29461.0 Brucella suis
29471.0 Pectobacterium atrosepticum
32046.0 Synecococcus elongatus
33959.0 Lactobacillus johnsonii
33990.0 Rickettsia bellii
33996.0 Gluconacetobacter diazotrophicus
36855.0 Brucella canis
36873.0 Paraburkholderia xenovorans
37329.0 Nocardia farcinica
38289.0 Corynebacterium jeikeium
38323.0 Bartonella henselae
39960.0 Erythrobacter litoralis
49338.0 Desulfitobacterium hafnienae
51229.0 Wigglesworthia glossinidia
57975.0 Burkholderia thailandensis
61435.0 Dehalococcoides mccartyi
62322.0 Shewanella baltica
79880.0 Bacillus clausii
80869.0 Acidovorax citrulli
83535.0 Chlamydia abortus
83538.0 Chlamydia pneumoniae
83560.0 Chlamydia muridarum
87883.0 Burkholderia multivorans
95486.0 Burkholderia cenocepacia
106590.0 Cupriavidus necator
114186.0 Candidatus Carsonella
134821.0 Ureaplasma parvum
135577.0 Idiomarina loihiensis
146919.0 Salmonella enterica
152480.0 Burkholderia ambifaria
155892.0 Caulobacter vibrioides
160791.0 Sphingomonas wittichii
167110.0 Oceanobacillus ananensis
16716.0 Bifidobacterium longum
216816.0 Pseudomonas syringae
251701.0 Pseudomonas entomophila
312306.0 Pseudomonas entomophila
330922.0 Psychrobacter cryohalophilus
380021.0 Pseudomonas protegens
456327.0 Xanthomonas euvesicatoria
482957.0 Burkholderia lata
492670.0 Bacillus velezensis
576611.0 Polynucleobacter asymbioticus
580165.0 Bacillus cytotoxicus
664662.0 Borrelia bavariensis
1176649.0 Agrobacterium fabrum
1355477.0 Bradyrhizobium diazoefficiens
2218628.0 Photorhabdus luminalis