

Table S3. 2227 microbial genomes differ more than 2-fold between interphylum and intraphylum HCR.

No.	File name (assembly accession)	Genus	Phylum
1	GCA_002276165.1_ASM227616v1_genomic.fna	Bacillus	Firmicutes
2	GCA_900186985.1_50377_C01_genomic.fna	Staphylococcus	Firmicutes
3	GCA_900187285.1_51342_C02_genomic.fna	Veillonella	Firmicutes
4	GCA_900187075.1_50432_F01_genomic.fna	Staphylococcus	Firmicutes
5	GCA_000759555.1_ASM75955v1_genomic.fna	Staphylococcus	Firmicutes
6	GCA_000025045.1_ASM2504v1_genomic.fna	Lactococcus	Firmicutes
7	GCA_002208945.1_ASM220894v1_genomic.fna	Enterococcus	Firmicutes
8	GCA_000009645.1_ASM964v1_genomic.fna	Staphylococcus	Firmicutes
9	GCA_001593785.1_ASM159378v1_genomic.fna	Bacillus	Firmicutes
10	GCA_000015525.1_ASM1552v1_genomic.fna	Campylobacter	Proteobacteria
11	GCA_001886635.1_ASM188663v1_genomic.fna	Enterococcus	Firmicutes
12	GCA_001865535.1_ASM186553v1_genomic.fna	Campylobacter	Proteobacteria
13	GCA_000017485.1_ASM1748v1_genomic.fna	Campylobacter	Proteobacteria
14	GCA_001272835.1_ASM127283v1_genomic.fna	Mycoplasma	Tenericutes
15	GCA_000009665.1_ASM966v1_genomic.fna	Staphylococcus	Firmicutes
16	GCA_000143205.1_ASM14320v1_genomic.fna	Lactococcus	Firmicutes
17	GCA_001956655.2_ASM195665v2_genomic.fna	Staphylococcus	Firmicutes
18	GCA_000021205.1_ASM2120v1_genomic.fna	Bacillus	Firmicutes
19	GCA_001596095.1_ASM159609v1_genomic.fna	Lactobacillus	Firmicutes
20	GCA_001579765.1_ASM157976v1_genomic.fna	Clostridium	Firmicutes
21	GCA_002220615.1_ASM222061v1_genomic.fna	Serratia	Proteobacteria
22	GCA_000026705.1_ASM2670v1_genomic.fna	Listeria	Firmicutes
23	GCA_000017965.1_ASM1796v1_genomic.fna	Lysinibacillus	Firmicutes
24	GCA_000011285.1_ASM1128v1_genomic.fna	Streptococcus	Firmicutes
25	GCA_000018985.1_ASM1898v1_genomic.fna	Streptococcus	Firmicutes
26	GCA_001865555.1_ASM186555v1_genomic.fna	Campylobacter	Proteobacteria
27	GCA_002355215.1_ASM235521v1_genomic.fna	Streptococcus	Firmicutes
28	GCA_000012645.1_ASM1264v1_genomic.fna	Prochlorococcus	Cyanobacteria
29	GCA_001990205.1_ASM199020v1_genomic.fna	Staphylococcus	Firmicutes
30	GCA_001023595.1_ASM102359v1_genomic.fna	Bacillus	Firmicutes
31	GCA_000090965.1_ASM9096v1_genomic.fna	Buchnera	Proteobacteria

32 GCA_001536925.1_BMC_PRJEB12378v1_genomic.fna
 33 GCA_000400855.1_ASM40085v1_genomic.fna
 34 GCA_000168355.3_ASM16835v3_genomic.fna
 35 GCA_000017425.1_ASM1742v1_genomic.fna
 36 GCA_002442895.1_ASM244289v1_genomic.fna
 37 GCA_002441935.1_ASM244193v1_genomic.fna
 38 GCA_000024945.1_ASM2494v1_genomic.fna
 39 GCA_002369955.1_ASM236995v1_genomic.fna
 40 GCA_000178835.2_ASM17883v2_genomic.fna
 41 GCA_000092505.1_ASM9250v1_genomic.fna
 42 GCA_000400875.1_ASM40087v1_genomic.fna
 43 GCA_002220635.1_ASM222063v1_genomic.fna
 44 GCA_000022865.1_ASM2286v1_genomic.fna
 45 GCA_001617525.1_ASM161752v1_genomic.fna
 46 GCA_001272855.1_ASM127285v1_genomic.fna
 47 GCA_000410995.1_ASM41099v1_genomic.fna
 48 GCA_001191605.1_ASM119160v1_genomic.fna
 49 GCA_000191545.1_ASM19154v1_genomic.fna
 50 GCA_002442935.1_ASM244293v1_genomic.fna
 51 GCA_000196215.1_ASM19621v1_genomic.fna
 52 GCA_000302475.3_ASM30247v3_genomic.fna
 53 GCA_002074075.1_ASM207407v1_genomic.fna
 54 GCA_000182875.1_ASM18287v1_genomic.fna
 55 GCA_000190515.1_ASM19051v1_genomic.fna
 56 GCA_000448685.2_ASM44868v2_genomic.fna
 57 GCA_000166415.1_ASM16641v1_genomic.fna
 58 GCA_002080475.1_ASM208047v1_genomic.fna
 59 GCA_900187165.1_52121_G02_genomic.fna
 60 GCA_001936295.1_ASM193629v1_genomic.fna
 61 GCA_000463395.1_ASM46339v1_genomic.fna
 62 GCA_002021945.1_ASM202194v1_genomic.fna
 63 GCA_000025085.1_ASM2508v1_genomic.fna
 64 GCA_000147695.3_ASM14769v3_genomic.fna
 65 GCA_002355135.1_ASM235513v1_genomic.fna

Bacillus	Firmicutes
Mycoplasma	Tenericutes
Streptococcus	Firmicutes
Bacillus	Firmicutes
Staphylococcus	Firmicutes
Mesoplasma	Tenericutes
Veillonella	Firmicutes
Ichthyobacterium	Bacteroidetes
Clostridium	Firmicutes
Leuconostoc	Firmicutes
Fusobacterium	Fusobacteria
Serratia	Proteobacteria
Bacillus	Firmicutes
Lactobacillus	Firmicutes
Mycoplasma	Tenericutes
Lactobacillus	Firmicutes
Bacillus	Firmicutes
Lactobacillus	Firmicutes
Staphylococcus	Firmicutes
Borrelia	Spirochaetes
Streptococcus	Firmicutes
Bacillus	Firmicutes
Streptococcus	Firmicutes
Bacillus	Firmicutes
Streptococcus	Firmicutes
Halanaerobium	Firmicutes
Clostridium	Firmicutes
Clostridium	Firmicutes
Borrelia	Spirochaetes
Streptococcus	Firmicutes
Campylobacter	Proteobacteria
Staphylococcus	Firmicutes
Thermoanaerobacter	Firmicutes
Blattabacterium	Bacteroidetes

100	GCA_000009085.1_ASM908v1_genomic.fna	Campylobacter	Proteobacteria
101	GCA_000013425.1_ASM1342v1_genomic.fna	Staphylococcus	Firmicutes
102	GCA_000007645.1_ASM764v1_genomic.fna	Staphylococcus	Firmicutes
103	GCA_000006865.1_ASM686v1_genomic.fna	Lactococcus	Firmicutes
104	GCA_000007825.1_ASM782v1_genomic.fna	Bacillus	Firmicutes
105	GCA_000013285.1_ASM1328v1_genomic.fna	Clostridium	Firmicutes
106	GCA_900129335.1_PP_HGAG_QV30_2SC_T4_genomic.fna	Staphylococcus	Firmicutes
107	GCA_000196035.1_ASM19603v1_genomic.fna	Listeria	Firmicutes
108	GCA_000007925.1_ASM792v1_genomic.fna	Prochlorococcus	Cyanobacteria
109	GCA_000007365.1_ASM736v1_genomic.fna	Buchnera	Proteobacteria
110	GCA_000006785.2_ASM678v2_genomic.fna	Streptococcus	Firmicutes
111	GCA_000007045.1_ASM704v1_genomic.fna	Streptococcus	Firmicutes
112	GCA_000007325.1_ASM732v1_genomic.fna	Fusobacterium	Fusobacteria
113	GCA_000007845.1_ASM784v1_genomic.fna	Bacillus	Firmicutes
114	GCA_000007265.1_ASM726v1_genomic.fna	Streptococcus	Firmicutes
115	GCA_000816945.1_ASM81694v1_genomic.fna	Clostridium	Firmicutes
116	GCA_000759485.1_ASM75948v1_genomic.fna	Campylobacter	Proteobacteria
117	GCA_000953275.1_CD630DERM_genomic.fna	Clostridioides	Firmicutes
118	GCA_000019885.1_ASM1988v1_genomic.fna	Coxiella	Proteobacteria
119	GCA_000309565.2_ASM30956v2_genomic.fna	Lactobacillus	Firmicutes
120	GCA_001469775.1_ASM146977v1_genomic.fna	Lactobacillus	Firmicutes
121	GCA_000953235.1_ILRI181.1_genomic.fna	Mycoplasma	Tenericutes
122	GCA_001742205.1_ASM174220v1_genomic.fna	Lactobacillus	Firmicutes
123	GCA_000253075.1_ASM25307v1_genomic.fna	Mycoplasma	Tenericutes
124	GCA_000227465.1_ASM22746v1_genomic.fna	Bacillus	Firmicutes
125	GCA_000283815.1_ASM28381v1_genomic.fna	Rickettsia	Proteobacteria
126	GCA_000422165.1_ASM42216v1_genomic.fna	Lactobacillus	Firmicutes
127	GCA_000281195.1_ASM28119v1_genomic.fna	Enterococcus	Firmicutes
128	GCA_000277205.1_ASM27720v1_genomic.fna	Rickettsia	Proteobacteria
129	GCA_000017025.1_ASM1702v1_genomic.fna	Clostridium	Firmicutes
130	GCA_000444465.1_ASM44446v1_genomic.fna	Borrelia	Spirochaetes
131	GCA_000737555.1_ASM73755v1_genomic.fna	Enterococcus	Firmicutes
132	GCA_002104575.1_ASM210457v1_genomic.fna	Bacillus	Firmicutes
133	GCA_001922405.1_ASM192240v1_genomic.fna	Staphylococcus	Firmicutes

134 GCA_000242855.2_ASM24285v2_genomic.fna
 135 GCA_001483985.1_ASM148398v1_genomic.fna
 136 GCA_000817065.1_ASM81706v1_genomic.fna
 137 GCA_000418475.1_ASM41847v1_genomic.fna
 138 GCA_001991075.1_ASM199107v1_genomic.fna
 139 GCA_001455105.1_ASM145510v1_genomic.fna
 140 GCA_000696505.1_ASM69650v1_genomic.fna
 141 GCA_000833295.1_ASM83329v1_genomic.fna
 142 GCA_000319675.2_ASM31967v2_genomic.fna
 143 GCA_000829335.1_ASM82933v1_genomic.fna
 144 GCA_000225265.1_ASM22526v1_genomic.fna
 145 GCA_002386285.1_ASM238628v1_genomic.fna
 146 GCA_000283695.1_ASM28369v1_genomic.fna
 147 GCA_002117325.1_ASM211732v1_genomic.fna
 148 GCA_001022215.1_ASM102221v1_genomic.fna
 149 GCA_002327185.1_ASM232718v1_genomic.fna
 150 GCA_000816305.1_ASM81630v1_genomic.fna
 151 GCA_000085865.1_ASM8586v1_genomic.fna
 152 GCA_000024105.1_ASM2410v1_genomic.fna
 153 GCA_000191045.1_ASM19104v1_genomic.fna
 154 GCA_001583825.1_ASM158382v1_genomic.fna
 155 GCA_000392485.2_ASM39248v2_genomic.fna
 156 GCA_002286215.1_ASM228621v1_genomic.fna
 157 GCA_001559115.1_ASM155911v1_genomic.fna
 158 GCA_002202155.1_ASM220215v1_genomic.fna
 159 GCA_002003345.1_ASM200334v1_genomic.fna
 160 GCA_001723525.1_ASM172352v1_genomic.fna
 161 GCA_001514455.1_ASM151445v1_genomic.fna
 162 GCA_001698145.1_ASM169814v1_genomic.fna
 163 GCA_002290085.1_ASM229008v1_genomic.fna
 164 GCA_000213825.1_ASM21382v1_genomic.fna
 165 GCA_001484725.1_ASM148472v1_genomic.fna
 166 GCA_002003285.1_ASM200328v1_genomic.fna
 167 GCA_000286675.1_ASM28667v1_genomic.fna

Bacillus	Firmicutes
Campylobacter	Proteobacteria
Streptococcus	Firmicutes
Lactobacillus	Firmicutes
Clostridium	Firmicutes
Fusobacterium	Fusobacteria
Streptococcus	Firmicutes
Francisella	Proteobacteria
Mycoplasma	Tenericutes
Mycoplasma	Tenericutes
Bacillus	Firmicutes
Streptococcus	Firmicutes
Bacillus	Firmicutes
Lactobacillus	Firmicutes
Serratia	Proteobacteria
Clostridium	Firmicutes
Campylobacter	Proteobacteria
Mycoplasma	Tenericutes
Anaerococcus	Firmicutes
Desulfurobacterium	Aquificae
Leuconostoc	Firmicutes
Lactobacillus	Firmicutes
Lactobacillus	Firmicutes
Staphylococcus	Firmicutes
Pediococcus	Firmicutes
Clostridium	Firmicutes
Lactobacillus	Firmicutes
Serratia	Proteobacteria
Leuconostoc	Firmicutes
Mesoplasma	Tenericutes
Streptococcus	Firmicutes
Clostridium	Firmicutes
Clostridium	Firmicutes
Mycoplasma	Tenericutes

168 GCA_000583795.1_ASM58379v1_genomic.fna
 169 GCA_001043135.1_ASM104313v1_genomic.fna
 170 GCA_000816405.1_ASM81640v1_genomic.fna
 171 GCA_001039495.1_ASM103949v1_genomic.fna
 172 GCA_001308145.2_ASM130814v2_genomic.fna
 173 GCA_002442915.1_ASM244291v1_genomic.fna
 174 GCA_001543205.1_ASM154320v1_genomic.fna
 175 GCA_000807295.1_ASM80729v1_genomic.fna
 176 GCA_000221985.1_ASM22198v1_genomic.fna
 177 GCA_000385925.1_ASM38592v1_genomic.fna
 178 GCA_002250055.1_ASM225005v1_genomic.fna
 179 GCA_000763515.1_ASM76351v1_genomic.fna
 180 GCA_000024565.1_ASM2456v1_genomic.fna
 181 GCA_000975245.1_ASM97524v1_genomic.fna
 182 GCA_000196855.1_ASM19685v1_genomic.fna
 183 GCA_002381265.1_ASM238126v1_genomic.fna
 184 GCA_000732905.1_ASM73290v1_genomic.fna
 185 GCA_001886875.1_ASM188687v1_genomic.fna
 186 GCA_001714745.1_ASM171474v1_genomic.fna
 187 GCA_000092845.1_ASM9284v1_genomic.fna
 188 GCA_000185885.1_ASM18588v1_genomic.fna
 189 GCA_000023905.1_ASM2390v1_genomic.fna
 190 GCA_001687665.2_ASM168766v2_genomic.fna
 191 GCA_000008205.1_ASM820v1_genomic.fna
 192 GCA_000026745.1_ASM2674v1_genomic.fna
 193 GCA_000011645.1_ASM1164v1_genomic.fna
 194 GCA_000253395.1_ASM25339v1_genomic.fna
 195 GCA_000016825.1_ASM1682v1_genomic.fna
 196 GCA_001578205.1_ASM157820v1_genomic.fna
 197 GCA_000027325.1_ASM2732v1_genomic.fna
 198 GCA_000008505.1_ASM850v1_genomic.fna
 199 GCA_000785515.1_ASM78551v1_genomic.fna
 200 GCA_000008985.1_ASM898v1_genomic.fna
 201 GCA_000056065.1_ASM5606v1_genomic.fna

Campylobacter	Proteobacteria
Mycoplasma	Tenericutes
Campylobacter	Proteobacteria
Bacillus	Firmicutes
Weissella	Firmicutes
Staphylococcus	Firmicutes
Aerococcus	Firmicutes
Borrelia	Spirochaetes
Streptococcus	Firmicutes
Streptococcus	Firmicutes
Bacillus	Firmicutes
Listeria	Firmicutes
Streptobacillus	Fusobacteria
Serratia	Proteobacteria
Leuconostoc	Firmicutes
Brochothrix	Firmicutes
Weissella	Firmicutes
Clostridium	Firmicutes
Lactobacillus	Firmicutes
Brachyspira	Spirochaetes
Staphylococcus	Firmicutes
Leptotrichia	Fusobacteria
Planococcus	Firmicutes
Mycoplasma	Tenericutes
Streptococcus	Firmicutes
Bacillus	Firmicutes
Streptococcus	Firmicutes
Lactobacillus	Firmicutes
Bacillus	Firmicutes
Mycoplasma	Tenericutes
Bacillus	Firmicutes
Streptococcus	Firmicutes
Francisella	Proteobacteria
Lactobacillus	Firmicutes

202 GCA_000063605.1_ASM6360v1_genomic.fna
 203 GCA_000012765.1_ASM1276v1_genomic.fna
 204 GCA_000495505.1_ASM49550v1_genomic.fna
 205 GCA_000027165.1_ASM2716v1_genomic.fna
 206 GCA_000512775.1_ASM51277v1_genomic.fna
 207 GCA_000009205.1_ASM920v1_genomic.fna
 208 GCA_000014385.1_ASM1438v1_genomic.fna
 209 GCA_000007765.2_ASM776v2_genomic.fna
 210 GCA_000747375.1_ASM74737v1_genomic.fna
 211 GCA_002128265.1_ASM212826v1_genomic.fna
 212 GCA_001889385.1_ASM188938v1_genomic.fna
 213 GCA_002208785.1_ASM220878v1_genomic.fna
 214 GCA_000019245.3_ASM1924v3_genomic.fna
 215 GCA_000012385.1_ASM1238v1_genomic.fna
 216 GCA_000009045.1_ASM904v1_genomic.fna
 217 GCA_001308285.1_ASM130828v1_genomic.fna
 218 GCA_000017445.3_ASM1744v3_genomic.fna
 219 GCA_000747335.1_ASM74733v1_genomic.fna
 220 GCA_001635895.1_ASM163589v1_genomic.fna
 221 GCA_002277915.1_ASM227791v1_genomic.fna
 222 GCA_000304735.1_ASM30473v1_genomic.fna
 223 GCA_000269925.1_ASM26992v1_genomic.fna
 224 GCA_000597965.1_ASM59796v1_genomic.fna
 225 GCA_000626615.1_ASM62661v1_genomic.fna
 226 GCA_000582845.1_SV_1_genomic.fna
 227 GCA_001506345.1_ASM150634v1_genomic.fna
 228 GCA_000010145.1_ASM1014v1_genomic.fna
 229 GCA_000016505.1_ASM1650v1_genomic.fna
 230 GCA_000011445.1_ASM1144v1_genomic.fna
 231 GCA_002290105.1_ASM229010v1_genomic.fna
 232 GCA_000577745.1_6179_18022011_genomic.fna
 233 GCA_001506305.1_ASM150630v1_genomic.fna
 234 GCA_002356575.1_ASM235657v1_genomic.fna
 235 GCA_001889625.1_ASM188962v1_genomic.fna

Mycoplasma	Tenericutes
Mycoplasma	Tenericutes
Campylobacter	Proteobacteria
Streptococcus	Firmicutes
Bacillus	Firmicutes
Clostridioides	Firmicutes
Oenococcus	Firmicutes
Coxiella	Proteobacteria
Bacillus	Firmicutes
Mycoplasma	Tenericutes
Bacillus	Firmicutes
Bacillus	Firmicutes
Lactobacillus	Firmicutes
Rickettsia	Proteobacteria
Bacillus	Firmicutes
Lactobacillus	Firmicutes
Rickettsia	Proteobacteria
Bacillus	Firmicutes
Streptococcus	Firmicutes
Bacillus	Firmicutes
Borrelia	Spirochaetes
Lactococcus	Firmicutes
Staphylococcus	Firmicutes
Staphylococcus	Firmicutes
Listeria	Firmicutes
Campylobacter	Proteobacteria
Lactobacillus	Firmicutes
Clostridium	Firmicutes
Mycoplasma	Tenericutes
Bacillus	Firmicutes
Listeria	Firmicutes
Campylobacter	Proteobacteria
Bacillus	Firmicutes
Bacillus	Firmicutes

236	GCA_000017045.1_ASM1704v1_genomic.fna	Clostridium	Firmicutes
237	GCA_001635935.1_ASM163593v1_genomic.fna	Streptococcus	Firmicutes
238	GCA_000195735.1_ASM19573v1_genomic.fna	Rickettsia	Proteobacteria
239	GCA_000008685.2_ASM868v2_genomic.fna	Borrelia	Spirochaetes
240	GCA_002147855.1_ASM214785v1_genomic.fna	Mycoplasma	Tenericutes
241	GCA_001890405.1_ASM189040v1_genomic.fna	Bacillus	Firmicutes
242	GCA_002128285.1_ASM212828v1_genomic.fna	Mycoplasma	Tenericutes
243	GCA_001635975.1_ASM163597v1_genomic.fna	Streptococcus	Firmicutes
244	GCA_000600015.1_ASM60001v1_genomic.fna	Listeria	Firmicutes
245	GCA_000695875.1_ASM69587v1_genomic.fna	Staphylococcus	Firmicutes
246	GCA_001506385.1_ASM150638v1_genomic.fna	Campylobacter	Proteobacteria
247	GCA_000613085.1_R479A_18022011_genomic.fna	Listeria	Firmicutes
248	GCA_000695215.1_ASM69521v1_genomic.fna	Staphylococcus	Firmicutes
249	GCA_001506365.1_ASM150636v1_genomic.fna	Campylobacter	Proteobacteria
250	GCA_001902555.1_ASM190255v1_genomic.fna	Bacillus	Firmicutes
251	GCA_001638845.2_ASM163884v2_genomic.fna	Streptococcus	Firmicutes
252	GCA_002055965.1_ASM205596v1_genomic.fna	Bacillus	Firmicutes
253	GCA_002355695.1_ASM235569v1_genomic.fna	Mycoplasma	Tenericutes
254	GCA_002355715.1_ASM235571v1_genomic.fna	Mycoplasma	Tenericutes
255	GCA_900016775.1_STsPazieg1.0_genomic.fna	Serratia	Proteobacteria
256	GCA_002356055.1_ASM235605v1_genomic.fna	Streptococcus	Firmicutes
257	GCA_000496815.1_ASM49681v1_genomic.fna	Mycoplasma	Tenericutes
258	GCA_001191565.1_ASM119156v1_genomic.fna	Lactobacillus	Firmicutes
259	GCA_002370375.1_ASM237037v1_genomic.fna	Lactobacillus	Firmicutes
260	GCA_000681515.1_ASM68151v1_genomic.fna	Listeria	Firmicutes
261	GCA_000737615.1_ASM73761v1_genomic.fna	Staphylococcus	Firmicutes
262	GCA_001678885.1_ASM167888v1_genomic.fna	Streptococcus	Firmicutes
263	GCA_002174215.1_ASM217421v1_genomic.fna	Pediococcus	Firmicutes
264	GCA_002073395.1_ASM207339v1_genomic.fna	Staphylococcus	Firmicutes
265	GCA_001412635.1_ASM141263v1_genomic.fna	Streptococcus	Firmicutes
266	GCA_002688645.1_ASM268864v1_genomic.fna	Bacillus	Firmicutes
267	GCA_002243305.1_ASM224330v1_genomic.fna	Weissella	Firmicutes
268	GCA_001685665.2_ASM168566v2_genomic.fna	Staphylococcus	Firmicutes
269	GCA_001477575.1_ASM147757v1_genomic.fna	Streptococcus	Firmicutes

270 GCA_002356075.1_ASM235607v1_genomic.fna
 271 GCA_002357155.1_ASM235715v1_genomic.fna
 272 GCA_900187085.1_50624_E01_genomic.fna
 273 GCA_002224505.1_ASM222450v1_genomic.fna
 274 GCA_001611155.1_ASM161115v1_genomic.fna
 275 GCA_001938665.1_ASM193866v1_genomic.fna
 276 GCA_001856645.1_ASM185664v1_genomic.fna
 277 GCA_002077215.1_ASM207721v1_genomic.fna
 278 GCA_001682235.1_ASM168223v1_genomic.fna
 279 GCA_001042565.2_ASM104256v2_genomic.fna
 280 GCA_000214235.1_ASM21423v1_genomic.fna
 281 GCA_001663115.1_ASM166311v1_genomic.fna
 282 GCA_001663755.1_ASM166375v1_genomic.fna
 283 GCA_000271325.1_ASM27132v1_genomic.fna
 284 GCA_002003385.1_ASM200338v1_genomic.fna
 285 GCA_000341875.1_ASM34187v1_genomic.fna
 286 GCA_001548255.1_ASM154825v1_genomic.fna
 287 GCA_002216705.1_ASM221670v1_genomic.fna
 288 GCA_000505725.1_ASM50572v1_genomic.fna
 289 GCA_001442475.1_ASM144247v1_genomic.fna
 290 GCA_000988065.1_ASM98806v1_genomic.fna
 291 GCA_002022005.1_ASM202200v1_genomic.fna
 292 GCA_000455565.1_ucmb5033v1_genomic.fna
 293 GCA_001275365.1_ASM127536v1_genomic.fna
 294 GCA_001663135.1_ASM166313v1_genomic.fna
 295 GCA_900187055.1_50377_D01_genomic.fna
 296 GCA_001267865.1_ASM126786v1_genomic.fna
 297 GCA_001643975.1_ASM164397v1_genomic.fna
 298 GCA_000747585.1_ASM74758v1_genomic.fna
 299 GCA_002220755.1_ASM222075v1_genomic.fna
 300 GCA_001273795.1_ASM127379v1_genomic.fna
 301 GCA_001190905.2_ASM119090v2_genomic.fna
 302 GCA_002357175.1_ASM235717v1_genomic.fna
 303 GCA_001856695.1_ASM185669v1_genomic.fna

Mycoplasma	Tenericutes
Rickettsia	Proteobacteria
Streptococcus	Firmicutes
Lactobacillus	Firmicutes
Pediococcus	Firmicutes
Bacillus	Firmicutes
Clostridium	Firmicutes
Bacillus	Firmicutes
Staphylococcus	Firmicutes
Francisella	Proteobacteria
Serratia	Proteobacteria
Serratia	Proteobacteria
Lactobacillus	Firmicutes
Solibacillus	Firmicutes
Clostridium	Firmicutes
Bacillus	Firmicutes
Staphylococcus	Firmicutes
Enterococcus	Firmicutes
Francisella	Proteobacteria
Rickettsia	Proteobacteria
Mycoplasma	Tenericutes
Campylobacter	Proteobacteria
Bacillus	Firmicutes
Francisella	Proteobacteria
Serratia	Proteobacteria
Staphylococcus	Firmicutes
Enterococcus	Firmicutes
Campylobacter	Proteobacteria
Melissococcus	Firmicutes
Campylobacter	Proteobacteria
Rickettsia	Proteobacteria
Francisella	Proteobacteria
Rickettsia	Proteobacteria
Clostridium	Firmicutes

304	GCA_000214785.1_ASM21478v1_genomic.fna	Lactobacillus	Firmicutes
305	GCA_000221205.1_ASM22120v1_genomic.fna	Rickettsia	Proteobacteria
306	GCA_002003305.1_ASM200330v1_genomic.fna	Clostridium	Firmicutes
307	GCA_001244395.1_ASM124439v1_genomic.fna	Lactobacillus	Firmicutes
308	GCA_001705605.1_ASM170560v1_genomic.fna	Mycoplasma	Tenericutes
309	GCA_002356695.1_ASM235669v1_genomic.fna	Rickettsia	Proteobacteria
310	GCA_002243645.1_ASM224364v1_genomic.fna	Bacillus	Firmicutes
311	GCA_001702215.1_ASM170221v1_genomic.fna	Pediococcus	Firmicutes
312	GCA_002028345.1_ASM202834v1_genomic.fna	Spiroplasma	Tenericutes
313	GCA_000219805.1_ASM21980v1_genomic.fna	Weissella	Firmicutes
314	GCA_000223215.1_ASM22321v1_genomic.fna	Brachyspira	Spirochaetes
315	GCA_000517365.1_ASM51736v1_genomic.fna	Spiroplasma	Tenericutes
316	GCA_000270165.1_ASM27016v1_genomic.fna	Streptococcus	Firmicutes
317	GCA_001697145.1_ASM169714v1_genomic.fna	Streptococcus	Firmicutes
318	GCA_002250095.2_ASM225009v2_genomic.fna	Staphylococcus	Firmicutes
319	GCA_000271405.2_ASM27140v2_genomic.fna	Enterococcus	Firmicutes
320	GCA_001611035.1_ASM161103v1_genomic.fna	Pediococcus	Firmicutes
321	GCA_000875755.1_ASM87575v1_genomic.fna	Mycoplasma	Tenericutes
322	GCA_000283615.1_ASM28361v1_genomic.fna	Tetragenococcus	Firmicutes
323	GCA_000389635.1_ASM38963v1_genomic.fna	Clostridium	Firmicutes
324	GCA_000222305.1_ASM22230v1_genomic.fna	Borrelia	Spirochaetes
325	GCA_000252365.1_ASM25236v1_genomic.fna	Rickettsia	Proteobacteria
326	GCA_000709415.1_ASM70941v1_genomic.fna	Staphylococcus	Firmicutes
327	GCA_002176835.1_ASM217683v1_genomic.fna	Lactobacillus	Firmicutes
328	GCA_002209165.1_ASM220916v1_genomic.fna	Staphylococcus	Firmicutes
329	GCA_001641305.1_ASM164130v1_genomic.fna	Enterococcus	Firmicutes
330	GCA_002224425.1_ASM222442v1_genomic.fna	Lactobacillus	Firmicutes
331	GCA_001712815.1_ASM171281v1_genomic.fna	Tetragenococcus	Firmicutes
332	GCA_900116935.1_Chromosome_genomic.fna	Lactobacillus	Firmicutes
333	GCA_002211885.1_ASM221188v1_genomic.fna	Lactobacillus	Firmicutes
334	GCA_001663835.1_ASM166383v1_genomic.fna	Lactobacillus	Firmicutes
335	GCA_000724485.1_ASM72448v1_genomic.fna	Bacillus	Firmicutes
336	GCA_000284055.1_ASM28405v1_genomic.fna	Rickettsia	Proteobacteria
337	GCA_000283975.1_ASM28397v1_genomic.fna	Melissococcus	Firmicutes

338 GCA_002706745.1_ASM270674v1_genomic.fna
 339 GCA_001611135.1_ASM161113v1_genomic.fna
 340 GCA_000189495.1_ASM18949v1_genomic.fna
 341 GCA_000807255.1_ASM80725v1_genomic.fna
 342 GCA_000283595.1_ASM28359v1_genomic.fna
 343 GCA_001543105.1_ASM154310v1_genomic.fna
 344 GCA_000706685.1_ASM70668v1_genomic.fna
 345 GCA_000237845.1_ASM23784v1_genomic.fna
 346 GCA_000007785.1_ASM778v1_genomic.fna
 347 GCA_000317855.1_ASM31785v1_genomic.fna
 348 GCA_001922545.1_ASM192254v1_genomic.fna
 349 GCA_000196735.1_ASM19673v1_genomic.fna
 350 GCA_000007465.2_ASM746v2_genomic.fna
 351 GCA_000174395.2_ASM17439v2_genomic.fna
 352 GCA_000832605.1_ASM83260v1_genomic.fna
 353 GCA_000026605.1_ASM2660v1_genomic.fna
 354 GCA_000834965.1_ASM83496v1_genomic.fna
 355 GCA_000026505.1_ASM2650v1_genomic.fna
 356 GCA_000019285.1_ASM1928v1_genomic.fna
 357 GCA_001558875.1_ASM155887v1_genomic.fna
 358 GCA_000157355.2_ASM15735v2_genomic.fna
 359 GCA_000973705.1_ASM97370v1_genomic.fna
 360 GCA_000246835.1_ASM24683v1_genomic.fna
 361 GCA_000800295.1_ASM80029v1_genomic.fna
 362 GCA_001506405.1_ASM150640v1_genomic.fna
 363 GCA_001506425.1_ASM150642v1_genomic.fna
 364 GCA_000746505.1_ASM74650v1_genomic.fna
 365 GCA_000007025.1_ASM702v1_genomic.fna
 366 GCA_002055535.1_NCTC8198_genomic.fna
 367 GCA_000017005.1_ASM1700v1_genomic.fna
 368 GCA_000008765.1_ASM876v1_genomic.fna
 369 GCA_000014425.1_ASM1442v1_genomic.fna
 370 GCA_000746625.1_ASM74662v1_genomic.fna
 371 GCA_002096095.1_ASM209609v1_genomic.fna

Lactobacillus	Firmicutes
Pediococcus	Firmicutes
Staphylococcus	Firmicutes
Clostridium	Firmicutes
Rickettsia	Proteobacteria
Aerococcus	Firmicutes
Staphylococcus	Firmicutes
Rickettsia	Proteobacteria
Enterococcus	Firmicutes
Streptococcus	Firmicutes
Borrelia	Spirochaetes
Bacillus	Firmicutes
Streptococcus	Firmicutes
Enterococcus	Firmicutes
Bacillus	Firmicutes
Streptococcus	Firmicutes
Francisella	Proteobacteria
Lactobacillus	Firmicutes
Francisella	Proteobacteria
Enterococcus	Firmicutes
Enterococcus	Firmicutes
Clostridium	Firmicutes
Streptococcus	Firmicutes
Parvimonas	Firmicutes
Campylobacter	Proteobacteria
Campylobacter	Proteobacteria
Staphylococcus	Firmicutes
Rickettsia	Proteobacteria
Streptococcus	Firmicutes
Streptococcus	Firmicutes
Clostridium	Firmicutes
Lactobacillus	Firmicutes
Listeria	Firmicutes
Bacillus	Firmicutes

372	GCA_000195795.1_ASM19579v1_genomic.fna	Listeria	Firmicutes
373	GCA_000027345.1_ASM2734v1_genomic.fna	Mycoplasma	Tenericutes
374	GCA_000195875.1_ASM19587v1_genomic.fna	Mycoplasma	Tenericutes
375	GCA_000011225.1_ASM1122v1_genomic.fna	Mycoplasma	Tenericutes
376	GCA_002072735.1_ASM207273v1_genomic.fna	Bacillus	Firmicutes
377	GCA_000359545.5_G255_GS_genomic.fna	Coxiella	Proteobacteria
378	GCA_002163545.1_ASM216354v1_genomic.fna	Streptococcus	Firmicutes
379	GCA_000800335.1_ASM80033v1_genomic.fna	Listeria	Firmicutes
380	GCA_001274875.1_ASM127487v1_genomic.fna	Spiroplasma	Tenericutes
381	GCA_000011145.1_ASM1114v1_genomic.fna	Bacillus	Firmicutes
382	GCA_001506465.1_ASM150646v1_genomic.fna	Campylobacter	Proteobacteria
383	GCA_002202295.1_ASM220229v1_genomic.fna	Streptococcus	Firmicutes
384	GCA_000808055.1_ASM80805v1_genomic.fna	Listeria	Firmicutes
385	GCA_000769575.1_ASM76957v1_genomic.fna	Staphylococcus	Firmicutes
386	GCA_001506445.1_ASM150644v1_genomic.fna	Campylobacter	Proteobacteria
387	GCA_000756205.1_ASM75620v1_genomic.fna	Staphylococcus	Firmicutes
388	GCA_002142595.1_ASM214259v1_genomic.fna	Bacillus	Firmicutes
389	GCA_002236855.1_ASM223685v1_genomic.fna	Streptococcus	Firmicutes
390	GCA_002236875.1_ASM223687v1_genomic.fna	Streptococcus	Firmicutes
391	GCA_002163815.1_ASM216381v1_genomic.fna	Bacillus	Firmicutes
392	GCA_000772025.1_ASM77202v1_genomic.fna	Staphylococcus	Firmicutes
393	GCA_001506485.1_ASM150648v1_genomic.fna	Campylobacter	Proteobacteria
394	GCA_000815045.1_ASM81504v1_genomic.fna	Staphylococcus	Firmicutes
395	GCA_001506505.1_ASM150650v1_genomic.fna	Campylobacter	Proteobacteria
396	GCA_000950775.1_ASM95077v1_genomic.fna	Listeria	Firmicutes
397	GCA_001296125.1_ASM129612v1_genomic.fna	Fusobacterium	Fusobacteria
398	GCA_002238295.1_ASM223829v1_genomic.fna	Streptococcus	Firmicutes
399	GCA_001005925.1_ASM100592v1_genomic.fna	Listeria	Firmicutes
400	GCA_001870065.1_ASM187006v1_genomic.fna	Bacillus	Firmicutes
401	GCA_900187025.1_49923_F01_genomic.fna	Listeria	Firmicutes
402	GCA_002162055.1_ASM216205v1_genomic.fna	Lactobacillus	Firmicutes
403	GCA_002173695.1_ASM217369v1_genomic.fna	Bacillus	Firmicutes
404	GCA_001611865.1_ASM161186v1_genomic.fna	Mycoplasma	Tenericutes
405	GCA_000954195.1_ASM95419v1_genomic.fna	Campylobacter	Proteobacteria

406 GCA_000286695.1_ASM28669v1_genomic.fna
 407 GCA_002117345.1_ASM211734v1_genomic.fna
 408 GCA_000412205.1_ASM41220v1_genomic.fna
 409 GCA_000816425.1_ASM81642v1_genomic.fna
 410 GCA_000331085.2_ASM33108v2_genomic.fna
 411 GCA_001280365.1_ASM128036v1_genomic.fna
 412 GCA_001886915.1_ASM188691v1_genomic.fna
 413 GCA_000298875.1_ASM29887v1_genomic.fna
 414 GCA_000418495.1_ASM41849v1_genomic.fna
 415 GCA_002706425.1_ASM270642v1_genomic.fna
 416 GCA_000833315.1_ASM83331v1_genomic.fna
 417 GCA_001932695.1_ASM193269v1_genomic.fna
 418 GCA_001050455.1_ASM105045v1_genomic.fna
 419 GCA_002386185.1_ASM238618v1_genomic.fna
 420 GCA_000317915.1_ASM31791v1_genomic.fna
 421 GCA_000193205.1_ASM19320v1_genomic.fna
 422 GCA_001298485.1_ASM129848v1_genomic.fna
 423 GCA_001558215.1_ASM155821v1_genomic.fna
 424 GCA_000767725.1_ASM76772v1_genomic.fna
 425 GCA_000262385.1_ASM26238v1_genomic.fna
 426 GCA_000143725.1_ASM14372v1_genomic.fna
 427 GCA_000262145.1_ASM26214v1_genomic.fna
 428 GCA_002151465.1_ASM215146v1_genomic.fna
 429 GCA_000376625.1_ASM37662v1_genomic.fna
 430 GCA_000017065.1_ASM1706v1_genomic.fna
 431 GCA_000277245.1_ASM27724v1_genomic.fna
 432 GCA_001577795.1_ASM157779v1_genomic.fna
 433 GCA_000318035.1_ASM31803v1_genomic.fna
 434 GCA_001578185.1_ASM157818v1_genomic.fna
 435 GCA_000463465.1_ASM46346v1_genomic.fna
 436 GCA_000168875.3_ASM16887v3_genomic.fna
 437 GCA_000203215.1_ASM20321v1_genomic.fna
 438 GCA_000027185.1_ASM2718v1_genomic.fna
 439 GCA_000800785.1_ASM80078v1_genomic.fna

Mycoplasma	Tenericutes
Lactobacillus	Firmicutes
Lactobacillus	Firmicutes
Campylobacter	Proteobacteria
Mycoplasma	Tenericutes
Serratia	Proteobacteria
Leuconostoc	Firmicutes
Leuconostoc	Firmicutes
Lactobacillus	Firmicutes
Lactobacillus	Firmicutes
Francisella	Proteobacteria
Weissella	Firmicutes
Bacillus	Firmicutes
Staphylococcus	Firmicutes
Enterococcus	Firmicutes
Aerococcus	Firmicutes
Enterococcus	Firmicutes
Streptococcus	Firmicutes
Mycoplasma	Tenericutes
Bacillus	Firmicutes
Brachyspira	Spirochaetes
Streptococcus	Firmicutes
Borrelia	Spirochaetes
Mycoplasma	Tenericutes
Clostridium	Firmicutes
Rickettsia	Proteobacteria
Clostridioides	Firmicutes
Lactobacillus	Firmicutes
Bacillus	Firmicutes
Streptococcus	Firmicutes
Coxiella	Proteobacteria
Mycoplasma	Tenericutes
Streptococcus	Firmicutes
Mycoplasma	Tenericutes

440	GCA_001941785.1_ASM194178v1_genomic.fna	Lactobacillus	Firmicutes
441	GCA_000237995.2_ASM23799v2_genomic.fna	Pediococcus	Firmicutes
442	GCA_000194115.1_ASM19411v1_genomic.fna	Lactobacillus	Firmicutes
443	GCA_000283935.1_ASM28393v1_genomic.fna	Rickettsia	Proteobacteria
444	GCA_000307165.1_ASM30716v1_genomic.fna	Amphibacillus	Firmicutes
445	GCA_000270465.1_ASM27046v1_genomic.fna	Staphylococcus	Firmicutes
446	GCA_000525715.1_ASM52571v1_genomic.fna	Lactobacillus	Firmicutes
447	GCA_000463425.1_ASM46342v1_genomic.fna	Streptococcus	Firmicutes
448	GCA_000227485.1_ASM22748v1_genomic.fna	Bacillus	Firmicutes
449	GCA_001543085.1_ASM154308v1_genomic.fna	Streptococcus	Firmicutes
450	GCA_000815065.1_ASM81506v1_genomic.fna	Mycoplasma	Tenericutes
451	GCA_000524555.1_ASM52455v1_genomic.fna	Mycoplasma	Tenericutes
452	GCA_002005185.1_ASM200518v1_genomic.fna	Veillonella	Firmicutes
453	GCA_001029265.1_ASM102926v1_genomic.fna	Spiroplasma	Tenericutes
454	GCA_000759515.1_ASM75951v1_genomic.fna	Campylobacter	Proteobacteria
455	GCA_000953375.1_F38.1_genomic.fna	Mycoplasma	Tenericutes
456	GCA_001888905.1_ASM188890v1_genomic.fna	Lactobacillus	Firmicutes
457	GCA_000014645.1_ASM1464v1_genomic.fna	Francisella	Proteobacteria
458	GCA_001431145.1_ASM143114v1_genomic.fna	Bacillus	Firmicutes
459	GCA_000439275.1_ASM43927v1_genomic.fna	Lactobacillus	Firmicutes
460	GCA_900187035.1_50279_G02_genomic.fna	Megamonas	Firmicutes
461	GCA_000565195.1_ASM56519v1_genomic.fna	Spiroplasma	Tenericutes
462	GCA_001922325.1_ASM192232v1_genomic.fna	Pediococcus	Firmicutes
463	GCA_000328625.1_ASM32862v1_genomic.fna	Halobacteroides	Firmicutes
464	GCA_000193355.1_ASM19335v1_genomic.fna	Bacillus	Firmicutes
465	GCA_002356175.1_ASM235617v1_genomic.fna	Staphylococcus	Firmicutes
466	GCA_000404205.1_ASM40420v1_genomic.fna	Erysipelothrix	Firmicutes
467	GCA_000165925.1_ASM16592v1_genomic.fna	Bacillus	Firmicutes
468	GCA_001983955.1_ASM198395v1_genomic.fna	Streptococcus	Firmicutes
469	GCA_000262675.1_ASM26267v1_genomic.fna	Streptococcus	Firmicutes
470	GCA_002074095.1_ASM207409v1_genomic.fna	Bacillus	Firmicutes
471	GCA_000427035.1_09mas018883_genomic.fna	Streptococcus	Firmicutes
472	GCA_002238335.1_ASM223833v1_genomic.fna	Campylobacter	Proteobacteria
473	GCA_000816185.1_ASM81618v1_genomic.fna	Campylobacter	Proteobacteria

474 GCA_001701005.1_ASM170100v1_genomic.fna
 475 GCA_002139935.1_ASM213993v1_genomic.fna
 476 GCA_001267395.1_ASM126739v1_genomic.fna
 477 GCA_002386265.1_ASM238626v1_genomic.fna
 478 GCA_000340885.1_ASM34088v1_genomic.fna
 479 GCA_000829035.1_ASM82903v1_genomic.fna
 480 GCA_000504125.1_ASM50412v1_genomic.fna
 481 GCA_000022105.1_ASM2210v1_genomic.fna
 482 GCA_000300135.1_ASM30013v1_genomic.fna
 483 GCA_000328545.1_ASM32854v1_genomic.fna
 484 GCA_000816345.1_ASM81634v1_genomic.fna
 485 GCA_000306805.1_ASM30680v1_genomic.fna
 486 GCA_002220735.1_ASM222073v1_genomic.fna
 487 GCA_001643955.1_ASM164395v1_genomic.fna
 488 GCA_002104335.1_ASM210433v1_genomic.fna
 489 GCA_002080395.1_ASM208039v1_genomic.fna
 490 GCA_000145705.1_ASM14570v1_genomic.fna
 491 GCA_000317975.2_ASM31797v2_genomic.fna
 492 GCA_000277795.1_ASM27779v1_genomic.fna
 493 GCA_001653955.1_ASM165395v1_genomic.fna
 494 GCA_000441535.1_ASM44153v1_genomic.fna
 495 GCA_002157855.1_ASM215785v1_genomic.fna
 496 GCA_000284155.1_ASM28415v1_genomic.fna
 497 GCA_000284195.1_ASM28419v1_genomic.fna
 498 GCA_000283995.1_ASM28399v1_genomic.fna
 499 GCA_001885235.1_ASM188523v1_genomic.fna
 500 GCA_000262205.1_ASM26220v1_genomic.fna
 501 GCA_000238995.1_ASM23899v1_genomic.fna
 502 GCA_000307585.2_ASM30758v2_genomic.fna
 503 GCA_000284075.1_ASM28407v1_genomic.fna
 504 GCA_000284175.1_ASM28417v1_genomic.fna
 505 GCA_000816085.1_ASM81608v1_genomic.fna
 506 GCA_000008885.1_ASM888v1_genomic.fna
 507 GCA_000011245.1_ASM1124v1_genomic.fna

Staphylococcus	Firmicutes
Campylobacter	Proteobacteria
Enterococcus	Firmicutes
Weissella	Firmicutes
Clostridium	Firmicutes
Lactobacillus	Firmicutes
Enterococcus	Firmicutes
Brachyspira	Spirochaetes
Leuconostoc	Firmicutes
Thermoanaerobacter	Firmicutes
Campylobacter	Proteobacteria
Streptococcus	Firmicutes
Campylobacter	Proteobacteria
Campylobacter	Proteobacteria
Campylobacter	Proteobacteria
Campylobacter	Proteobacteria
Mycoplasma	Tenericutes
Carnobacterium	Firmicutes
Mycoplasma	Tenericutes
Francisella	Proteobacteria
Streptococcus	Firmicutes
Bacillus	Firmicutes
Rickettsia	Proteobacteria
Rickettsia	Proteobacteria
Rickettsia	Proteobacteria
Francisella	Proteobacteria
Francisella	Proteobacteria
Mycoplasma	Tenericutes
Thermoanaerobacter	Firmicutes
Rickettsia	Proteobacteria
Rickettsia	Proteobacteria
Staphylococcus	Firmicutes
Wigglesworthia	Proteobacteria
Oceanobacillus	Firmicutes

508	GCA_000014445.1_ASM1444v1_genomic.fna	Leuconostoc	Firmicutes
509	GCA_000009545.1_ASM954v1_genomic.fna	Streptococcus	Firmicutes
510	GCA_000007625.1_ASM762v1_genomic.fna	Clostridium	Firmicutes
511	GCA_000011985.1_ASM1198v1_genomic.fna	Lactobacillus	Firmicutes
512	GCA_000055945.1_ASM5594v1_genomic.fna	Lawsonia	Proteobacteria
513	GCA_000203855.3_ASM20385v3_genomic.fna	Lactobacillus	Firmicutes
514	GCA_000014505.1_ASM1450v1_genomic.fna	Pediococcus	Firmicutes
515	GCA_000014465.1_ASM1446v1_genomic.fna	Lactobacillus	Firmicutes
516	GCA_000513215.1_DB11_genomic.fna	Serratia	Proteobacteria
517	GCA_000092585.1_ASM9258v1_genomic.fna	Mycoplasma	Tenericutes
518	GCA_000020065.1_ASM2006v1_genomic.fna	Mycoplasma	Tenericutes
519	GCA_000008305.1_ASM830v1_genomic.fna	Mesoplasma	Tenericutes
520	GCA_000013185.1_ASM1318v1_genomic.fna	Baumannia	Proteobacteria
521	GCA_002173715.1_ASM217371v1_genomic.fna	Bacillus	Firmicutes
522	GCA_000009865.1_ASM986v1_genomic.fna	Staphylococcus	Firmicutes
523	GCA_002024185.1_ASM202418v1_genomic.fna	Campylobacter	Proteobacteria
524	GCA_000183385.1_ASM18338v1_genomic.fna	Mycoplasma	Tenericutes
525	GCA_000019205.1_ASM1920v1_genomic.fna	Campylobacter	Proteobacteria
526	GCA_000021545.1_ASM2154v1_genomic.fna	Sulfurihydrogenibium	Aquificae
527	GCA_000815085.1_ASM81508v1_genomic.fna	Staphylococcus	Firmicutes
528	GCA_001005985.1_ASM100598v1_genomic.fna	Listeria	Firmicutes
529	GCA_000833105.2_ASM83310v2_genomic.fna	Clostridium	Firmicutes
530	GCA_000014345.1_ASM1434v1_genomic.fna	Rickettsia	Proteobacteria
531	GCA_000018205.1_ASM1820v1_genomic.fna	Rickettsia	Proteobacteria
532	GCA_001296185.1_ASM129618v1_genomic.fna	Fusobacterium	Fusobacteria
533	GCA_002238315.1_ASM223831v1_genomic.fna	Streptococcus	Firmicutes
534	GCA_001027065.1_ASM102706v1_genomic.fna	Listeria	Firmicutes
535	GCA_002355175.1_ASM235517v1_genomic.fna	Streptococcus	Firmicutes
536	GCA_001506525.1_ASM150652v1_genomic.fna	Campylobacter	Proteobacteria
537	GCA_001506545.1_ASM150654v1_genomic.fna	Campylobacter	Proteobacteria
538	GCA_000815125.1_ASM81512v1_genomic.fna	Staphylococcus	Firmicutes
539	GCA_002201955.1_ASM220195v1_genomic.fna	Bacillus	Firmicutes
540	GCA_000008925.1_ASM892v1_genomic.fna	Lactobacillus	Firmicutes
541	GCA_000009825.1_ASM982v1_genomic.fna	Bacillus	Firmicutes

542	GCA_002211645.1_ASM221164v1_genomic.fna	Fusobacterium	Fusobacteria
543	GCA_002201995.1_ASM220199v1_genomic.fna	Bacillus	Firmicutes
544	GCA_002355815.1_ASM235581v1_genomic.fna	Streptococcus	Firmicutes
545	GCA_001027085.1_ASM102708v1_genomic.fna	Listeria	Firmicutes
546	GCA_001506565.1_ASM150656v1_genomic.fna	Campylobacter	Proteobacteria
547	GCA_000815165.1_ASM81516v1_genomic.fna	Staphylococcus	Firmicutes
548	GCA_000815205.1_ASM81520v1_genomic.fna	Staphylococcus	Firmicutes
549	GCA_001506585.1_ASM150658v1_genomic.fna	Campylobacter	Proteobacteria
550	GCA_002557755.1_ASM255775v1_genomic.fna	Streptococcus	Firmicutes
551	GCA_001027125.1_ASM102712v1_genomic.fna	Listeria	Firmicutes
552	GCA_002202055.1_ASM220205v1_genomic.fna	Bacillus	Firmicutes
553	GCA_002202035.1_ASM220203v1_genomic.fna	Bacillus	Firmicutes
554	GCA_001027165.1_ASM102716v1_genomic.fna	Listeria	Firmicutes
555	GCA_001506605.1_ASM150660v1_genomic.fna	Campylobacter	Proteobacteria
556	GCA_000815245.1_ASM81524v1_genomic.fna	Staphylococcus	Firmicutes
557	GCA_001506625.1_ASM150662v1_genomic.fna	Campylobacter	Proteobacteria
558	GCA_001027205.1_ASM102720v1_genomic.fna	Listeria	Firmicutes
559	GCA_000828035.1_ASM82803v1_genomic.fna	Staphylococcus	Firmicutes
560	GCA_000956315.1_ASM95631v1_genomic.fna	Borrelia	Spirochaetes
561	GCA_002197485.1_ASM219748v1_genomic.fna	Anoxybacillus	Firmicutes
562	GCA_000211375.1_ASM21137v1_genomic.fna	Lactobacillus	Firmicutes
563	GCA_000008245.1_ASM824v1_genomic.fna	Mycoplasma	Tenericutes
564	GCA_000026065.1_ASM2606v1_genomic.fna	Lactobacillus	Firmicutes
565	GCA_000200735.1_ASM20073v1_genomic.fna	Mycoplasma	Tenericutes
566	GCA_000215345.3_ASM21534v3_genomic.fna	Arcobacter	Proteobacteria
567	GCA_002119825.1_ASM211982v1_genomic.fna	Macrococcus	Firmicutes
568	GCA_000091405.1_ASM9140v1_genomic.fna	Lactobacillus	Firmicutes
569	GCA_000277285.1_ASM27728v1_genomic.fna	Rickettsia	Proteobacteria
570	GCA_001581875.1_ASM158187v1_genomic.fna	Lysinibacillus	Firmicutes
571	GCA_001465175.1_ASM146517v1_genomic.fna	Clostridium	Firmicutes
572	GCA_001885145.1_ASM188514v1_genomic.fna	Streptococcus	Firmicutes
573	GCA_000017725.2_ASM1772v2_genomic.fna	Campylobacter	Proteobacteria
574	GCA_001553195.1_ASM155319v1_genomic.fna	Mycoplasma	Tenericutes
575	GCA_001941385.1_ASM194138v1_genomic.fna	Thermosiphonia	Thermotogae

576	GCA_000299355.1_ASM29935v1_genomic.fna	Gottschalkia	Firmicutes
577	GCA_000248095.3_ASM24809v3_genomic.fna	Lactobacillus	Firmicutes
578	GCA_000169195.2_ASM16919v2_genomic.fna	Bacillus	Firmicutes
579	GCA_000565155.1_ASM56515v1_genomic.fna	Listeria	Firmicutes
580	GCA_900187315.1_52087_C01_genomic.fna	Listeria	Firmicutes
581	GCA_000283635.1_ASM28363v1_genomic.fna	Streptococcus	Firmicutes
582	GCA_000148625.1_ASM14862v1_genomic.fna	Mycoplasma	Tenericutes
583	GCA_000016965.1_ASM1696v1_genomic.fna	Clostridium	Firmicutes
584	GCA_000283915.1_ASM28391v1_genomic.fna	Rickettsia	Proteobacteria
585	GCA_000143435.1_ASM14343v1_genomic.fna	Lactobacillus	Firmicutes
586	GCA_000737305.2_ASM73730v2_genomic.fna	Bacillus	Firmicutes
587	GCA_000479355.1_ASM47935v1_genomic.fna	Mesoplasma	Tenericutes
588	GCA_001190755.1_ASM119075v1_genomic.fna	Campylobacter	Proteobacteria
589	GCA_001611955.1_ASM161195v1_genomic.fna	Staphylococcus	Firmicutes
590	GCA_000465235.1_ASM46523v1_genomic.fna	Campylobacter	Proteobacteria
591	GCA_001586195.1_ASM158619v1_genomic.fna	Solibacillus	Firmicutes
592	GCA_000816225.1_ASM81622v1_genomic.fna	Campylobacter	Proteobacteria
593	GCA_000219375.1_ASM21937v1_genomic.fna	Mycoplasma	Tenericutes
594	GCA_000389675.2_ASM38967v2_genomic.fna	Lactobacillus	Firmicutes
595	GCA_000331715.1_ASM33171v1_genomic.fna	Lawsonia	Proteobacteria
596	GCA_000176835.2_ASM17683v2_genomic.fna	Serratia	Proteobacteria
597	GCA_000359625.1_ASM35962v1_genomic.fna	Lactobacillus	Firmicutes
598	GCA_000496265.1_ASM49626v1_genomic.fna	Pediococcus	Firmicutes
599	GCA_000330865.1_ASM33086v1_genomic.fna	Serratia	Proteobacteria
600	GCA_000025365.1_ASM2536v1_genomic.fna	Mycoplasma	Tenericutes
601	GCA_001432245.1_ASM143224v1_genomic.fna	Staphylococcus	Firmicutes
602	GCA_000967115.1_CT1_genomic.fna	Clostridium	Firmicutes
603	GCA_000981525.1_L_piscium_genomic.fna	Lactococcus	Firmicutes
604	GCA_001895885.1_ASM189588v1_genomic.fna	Bacillus	Firmicutes
605	GCA_002443015.1_ASM244301v1_genomic.fna	Bacillus	Firmicutes
606	GCA_001547975.1_ASM154797v1_genomic.fna	Mycoplasma	Tenericutes
607	GCA_001687565.2_ASM168756v2_genomic.fna	Planococcus	Firmicutes
608	GCA_001886855.1_ASM188685v1_genomic.fna	Spiroplasma	Tenericutes
609	GCA_000186005.1_ASM18600v1_genomic.fna	Mycoplasma	Tenericutes

610	GCA_000252975.1_ASM25297v1_genomic.fna	Listeria	Firmicutes
611	GCA_000027145.1_ASM2714v1_genomic.fna	Listeria	Firmicutes
612	GCA_000060285.1_ASM6028v1_genomic.fna	Listeria	Firmicutes
613	GCA_000143685.1_ASM14368v1_genomic.fna	Clostridium	Firmicutes
614	GCA_000775975.1_ASM77597v1_genomic.fna	Bacillus	Firmicutes
615	GCA_000012145.1_ASM1214v1_genomic.fna	Rickettsia	Proteobacteria
616	GCA_000014205.1_ASM1420v1_genomic.fna	Streptococcus	Firmicutes
617	GCA_000010125.1_ASM1012v1_genomic.fna	Staphylococcus	Firmicutes
618	GCA_000832905.1_ASM83290v1_genomic.fna	Bacillus	Firmicutes
619	GCA_000026405.1_ASM2640v1_genomic.fna	Leuconostoc	Firmicutes
620	GCA_002269175.1_ASM226917v1_genomic.fna	Bacillus	Firmicutes
621	GCA_002216085.1_ASM221608v1_genomic.fna	Bacillus	Firmicutes
622	GCA_000953255.1_Staphylococcus_aureus_Sa_ILRI_217_genomic.fna	Staphylococcus	Firmicutes
623	GCA_001027245.1_ASM102724v1_genomic.fna	Listeria	Firmicutes
624	GCA_001506645.1_ASM150664v1_genomic.fna	Campylobacter	Proteobacteria
625	GCA_000014125.1_ASM1412v1_genomic.fna	Clostridium	Firmicutes
626	GCA_000831485.1_ASM83148v1_genomic.fna	Streptococcus	Firmicutes
627	GCA_001298465.1_ASM129846v1_genomic.fna	Campylobacter	Proteobacteria
628	GCA_000017465.2_ASM1746v2_genomic.fna	Campylobacter	Proteobacteria
629	GCA_000016905.1_ASM1690v1_genomic.fna	Thermosiphon	Thermotogae
630	GCA_001506665.1_ASM150666v1_genomic.fna	Campylobacter	Proteobacteria
631	GCA_001047715.1_ASM104771v1_genomic.fna	Listeria	Firmicutes
632	GCA_000967325.1_ASM96732v1_genomic.fna	Staphylococcus	Firmicutes
633	GCA_000817935.1_ASM81793v1_genomic.fna	Clostridium	Firmicutes
634	GCA_001554095.1_ASM155409v1_genomic.fna	Mycoplasma	Tenericutes
635	GCA_000706705.1_ASM70670v1_genomic.fna	Bacillus	Firmicutes
636	GCA_002290305.1_ASM229030v1_genomic.fna	Bacillus	Firmicutes
637	GCA_001895905.1_ASM189590v1_genomic.fna	Enterococcus	Firmicutes
638	GCA_001596755.1_ASM159675v1_genomic.fna	Bacillus	Firmicutes
639	GCA_002355755.1_ASM235575v1_genomic.fna	Enterococcus	Firmicutes
640	GCA_002269195.1_ASM226919v1_genomic.fna	Bacillus	Firmicutes
641	GCA_000803665.1_ASM80366v1_genomic.fna	Bacillus	Firmicutes
642	GCA_000967345.1_ASM96734v1_genomic.fna	Staphylococcus	Firmicutes
643	GCA_001188655.1_ASM118865v1_genomic.fna	Listeria	Firmicutes

644 GCA_002285775.1_ASM228577v1_genomic.fna
 645 GCA_000313385.1_ASM31338v1_genomic.fna
 646 GCA_000967365.1_ASM96736v1_genomic.fna
 647 GCA_001190805.1_ASM119080v1_genomic.fna
 648 GCA_001506705.1_ASM150670v1_genomic.fna
 649 GCA_000471985.1_ASM47198v1_genomic.fna
 650 GCA_001454845.1_ASM145484v1_genomic.fna
 651 GCA_000832505.1_ASM83250v1_genomic.fna
 652 GCA_000210935.1_ASM21093v1_genomic.fna
 653 GCA_000250925.1_ASM25092v1_genomic.fna
 654 GCA_002012365.1_ASM201236v1_genomic.fna
 655 GCA_001506685.1_ASM150668v1_genomic.fna
 656 GCA_002556525.1_ASM255652v1_genomic.fna
 657 GCA_000218305.1_ASM21830v1_genomic.fna
 658 GCA_002078395.1_ASM207839v1_genomic.fna
 659 GCA_000832385.1_ASM83238v1_genomic.fna
 660 GCA_000021065.1_ASM2106v1_genomic.fna
 661 GCA_000024585.1_ASM2458v1_genomic.fna
 662 GCA_000025145.2_ASM2514v1_genomic.fna
 663 GCA_000468915.2_ASM46891v2_genomic.fna
 664 GCA_000832405.1_ASM83240v1_genomic.fna
 665 GCA_002078415.1_ASM207841v1_genomic.fna
 666 GCA_000258905.1_ASM25890v1_genomic.fna
 667 GCA_001454865.1_ASM145486v1_genomic.fna
 668 GCA_000466105.2_ASM46610v2_genomic.fna
 669 GCA_000967405.1_ASM96740v1_genomic.fna
 670 GCA_000021085.1_ASM2108v1_genomic.fna
 671 GCA_001454885.1_ASM145488v1_genomic.fna
 672 GCA_000307535.1_ASM30753v1_genomic.fna
 673 GCA_000210955.1_ASM21095v1_genomic.fna
 674 GCA_001506725.1_ASM150672v1_genomic.fna
 675 GCA_000967385.1_ASM96738v1_genomic.fna
 676 GCA_001506745.1_ASM150674v1_genomic.fna
 677 GCA_002286255.1_ASM228625v1_genomic.fna

Lactobacillus	Firmicutes
Francisella	Proteobacteria
Staphylococcus	Firmicutes
Streptococcus	Firmicutes
Campylobacter	Proteobacteria
Streptococcus	Firmicutes
Listeria	Firmicutes
Bacillus	Firmicutes
Streptococcus	Firmicutes
Streptococcus	Firmicutes
Streptococcus	Firmicutes
Campylobacter	Proteobacteria
Bacillus	Firmicutes
Listeria	Firmicutes
Lactococcus	Firmicutes
Bacillus	Firmicutes
Buchnera	Proteobacteria
Staphylococcus	Firmicutes
Staphylococcus	Firmicutes
Campylobacter	Proteobacteria
Bacillus	Firmicutes
Lactococcus	Firmicutes
Listeria	Firmicutes
Listeria	Firmicutes
Campylobacter	Proteobacteria
Staphylococcus	Firmicutes
Buchnera	Proteobacteria
Listeria	Firmicutes
Streptococcus	Firmicutes
Streptococcus	Firmicutes
Campylobacter	Proteobacteria
Staphylococcus	Firmicutes
Campylobacter	Proteobacteria
Streptococcus	Firmicutes

678	GCA_000832565.1_ASM83256v1_genomic.fna	Bacillus	Firmicutes
679	GCA_001190885.1_ASM119088v1_genomic.fna	Streptococcus	Firmicutes
680	GCA_000494895.1_ASM49489v1_genomic.fna	Streptococcus	Firmicutes
681	GCA_000524575.1_ASM52457v1_genomic.fna	Francisella	Proteobacteria
682	GCA_900196735.1_Lactobacillus_bulgaricus_ACA-DC_87_genomic.fna	Lactobacillus	Firmicutes
683	GCA_000737405.1_ASM73740v1_genomic.fna	Bacillus	Firmicutes
684	GCA_000832485.1_ASM83248v1_genomic.fna	Bacillus	Firmicutes
685	GCA_000234825.3_ASM23482v3_genomic.fna	Leuconostoc	Firmicutes
686	GCA_000023085.1_ASM2308v1_genomic.fna	Lactobacillus	Firmicutes
687	GCA_000143945.1_ASM14394v1_genomic.fna	Mycoplasma	Tenericutes
688	GCA_000247565.1_ASM24756v1_genomic.fna	Wigglesworthia	Proteobacteria
689	GCA_001953235.1_ASM195323v1_genomic.fna	Enterococcus	Firmicutes
690	GCA_001554115.1_ASM155411v1_genomic.fna	Mycoplasma	Tenericutes
691	GCA_000827935.1_ASM82793v1_genomic.fna	Clostridium	Firmicutes
692	GCA_001705195.1_ASM170519v1_genomic.fna	Bacillus	Firmicutes
693	GCA_002158885.1_ASM215888v1_genomic.fna	Lactobacillus	Firmicutes
694	GCA_000191905.1_ASM19190v1_genomic.fna	Clostridium	Firmicutes
695	GCA_000970665.2_ASM97066v2_genomic.fna	Streptococcus	Firmicutes
696	GCA_000832985.1_ASM83298v1_genomic.fna	Bacillus	Firmicutes
697	GCA_001477615.1_ASM147761v1_genomic.fna	Streptococcus	Firmicutes
698	GCA_001020205.1_ASM102020v1_genomic.fna	Clostridium	Firmicutes
699	GCA_000833195.1_ASM83319v1_genomic.fna	Francisella	Proteobacteria
700	GCA_002393265.1_ASM239326v1_genomic.fna	Enterococcus	Firmicutes
701	GCA_000294775.2_ASM29477v2_genomic.fna	Bacillus	Firmicutes
702	GCA_000972245.3_ASM97224v3_genomic.fna	Bacillus	Firmicutes
703	GCA_001880205.1_ASM188020v1_genomic.fna	Francisella	Proteobacteria
704	GCA_001878675.1_ASM187867v1_genomic.fna	Virgibacillus	Firmicutes
705	GCA_000011045.1_ASM1104v1_genomic.fna	Lactobacillus	Firmicutes
706	GCA_000020765.1_ASM2076v1_genomic.fna	Streptococcus	Firmicutes
707	GCA_000091645.1_ASM9164v1_genomic.fna	Streptococcus	Firmicutes
708	GCA_000250945.1_ASM25094v1_genomic.fna	Enterococcus	Firmicutes
709	GCA_001642655.1_ASM164265v1_genomic.fna	Clostridium	Firmicutes
710	GCA_000018825.1_ASM1882v1_genomic.fna	Bacillus	Firmicutes
711	GCA_000195515.1_ASM19551v1_genomic.fna	Bacillus	Firmicutes

712	GCA_001687585.2_ASM168758v2_genomic.fna	Planococcus	Firmicutes
713	GCA_000010705.1_ASM1070v1_genomic.fna	Streptococcus	Firmicutes
714	GCA_000239475.1_ASM23947v1_genomic.fna	Borrelia	Spirochaetes
715	GCA_001572725.1_ASM157272v1_genomic.fna	Serratia	Proteobacteria
716	GCA_000021405.1_ASM2140v1_genomic.fna	Borrelia	Spirochaetes
717	GCA_000022785.1_ASM2278v1_genomic.fna	Rickettsia	Proteobacteria
718	GCA_000210515.1_ASM21051v1_genomic.fna	Lactobacillus	Firmicutes
719	GCA_000010265.1_ASM1026v1_genomic.fna	Clostridium	Firmicutes
720	GCA_002202015.1_ASM220201v1_genomic.fna	Bacillus	Firmicutes
721	GCA_000023165.1_ASM2316v1_genomic.fna	Mycoplasma	Tenericutes
722	GCA_002109385.1_ASM210938v1_genomic.fna	Bacillus	Firmicutes
723	GCA_000020165.1_ASM2016v1_genomic.fna	Clostridium	Firmicutes
724	GCA_002208805.1_ASM220880v1_genomic.fna	Staphylococcus	Firmicutes
725	GCA_000222835.1_ASM22283v1_genomic.fna	Borrelia	Spirochaetes
726	GCA_000269945.1_ASM26994v1_genomic.fna	Lactococcus	Firmicutes
727	GCA_000422085.1_ASM42208v1_genomic.fna	Serratia	Proteobacteria
728	GCA_000499665.2_RMONA_1_genomic.fna	Rickettsia	Proteobacteria
729	GCA_000328725.1_ASM32872v1_genomic.fna	Mycoplasma	Tenericutes
730	GCA_002310475.1_ASM231047v1_genomic.fna	Lactococcus	Firmicutes
731	GCA_002356415.1_ASM235641v1_genomic.fna	Streptococcus	Firmicutes
732	GCA_000439435.1_ASM43943v1_genomic.fna	Spiroplasma	Tenericutes
733	GCA_000750535.1_ASM75053v1_genomic.fna	Weissella	Firmicutes
734	GCA_001951175.1_ASM195117v1_genomic.fna	Lactobacillus	Firmicutes
735	GCA_000018085.1_ASM1808v1_genomic.fna	Serratia	Proteobacteria
736	GCA_000019685.1_ASM1968v1_genomic.fna	Borrelia	Spirochaetes
737	GCA_000019705.1_ASM1970v1_genomic.fna	Borrelia	Spirochaetes
738	GCA_000023005.1_ASM2300v1_genomic.fna	Rickettsia	Proteobacteria
739	GCA_000016625.1_ASM1662v1_genomic.fna	Rickettsia	Proteobacteria
740	GCA_000010185.1_ASM1018v1_genomic.fna	Finnegoldia	Firmicutes
741	GCA_000255135.1_ASM25513v1_genomic.fna	Marinitoga	Thermotogae
742	GCA_001753205.1_ASM175320v1_genomic.fna	Lysinibacillus	Firmicutes
743	GCA_000739475.1_ASM73947v1_genomic.fna	Borrelia	Spirochaetes
744	GCA_001456065.2_ASM145606v2_genomic.fna	Clostridium	Firmicutes
745	GCA_000017585.1_ASM1758v1_genomic.fna	Campylobacter	Proteobacteria

746	GCA_000010585.1_ASM1058v1_genomic.fna	Macrococcus	Firmicutes
747	GCA_000008065.1_ASM806v1_genomic.fna	Lactobacillus	Firmicutes
748	GCA_000969765.1_ASM96976v1_genomic.fna	Mycoplasma	Tenericutes
749	GCA_000008045.1_ASM804v1_genomic.fna	Rickettsia	Proteobacteria
750	GCA_000008365.1_ASM836v1_genomic.fna	Mycoplasma	Tenericutes
751	GCA_000186985.3_ASM18698v3_genomic.fna	Mycoplasma	Tenericutes
752	GCA_000732385.1_ASM73238v1_genomic.fna	Streptococcus	Firmicutes
753	GCA_002224565.1_ASM222456v1_genomic.fna	Lactobacillus	Firmicutes
754	GCA_001535505.1_ASM153550v1_genomic.fna	Streptococcus	Firmicutes
755	GCA_001547815.1_ASM154781v1_genomic.fna	Streptococcus	Firmicutes
756	GCA_001506765.1_ASM150676v1_genomic.fna	Campylobacter	Proteobacteria
757	GCA_001506785.1_ASM150678v1_genomic.fna	Campylobacter	Proteobacteria
758	GCA_000012085.2_ASM1208v2_genomic.fna	Borrelia	Spirochaetes
759	GCA_000014025.1_ASM1402v1_genomic.fna	Arcobacter	Proteobacteria
760	GCA_001454905.1_ASM145490v1_genomic.fna	Listeria	Firmicutes
761	GCA_000969225.1_ASM96922v1_genomic.fna	Staphylococcus	Firmicutes
762	GCA_001272875.1_ASM127287v1_genomic.fna	Mycoplasma	Tenericutes
763	GCA_000183365.1_ASM18336v1_genomic.fna	Mycoplasma	Tenericutes
764	GCA_000021285.1_ASM2128v1_genomic.fna	Thermosipho	Thermotogae
765	GCA_001454925.1_ASM145492v1_genomic.fna	Listeria	Firmicutes
766	GCA_001021875.1_ASM102187v1_genomic.fna	Staphylococcus	Firmicutes
767	GCA_002072755.1_ASM207275v1_genomic.fna	Staphylococcus	Firmicutes
768	GCA_001593395.2_ASM159339v2_genomic.fna	Bacillus	Firmicutes
769	GCA_001685645.1_ASM168564v1_genomic.fna	Bacillus	Firmicutes
770	GCA_001659745.1_ASM165974v1_genomic.fna	Lactobacillus	Firmicutes
771	GCA_002220655.1_ASM222065v1_genomic.fna	Serratia	Proteobacteria
772	GCA_001936355.1_ASM193635v1_genomic.fna	Campylobacter	Proteobacteria
773	GCA_001506825.1_ASM150682v1_genomic.fna	Campylobacter	Proteobacteria
774	GCA_001660025.1_ASM166002v1_genomic.fna	Lactobacillus	Firmicutes
775	GCA_001027045.1_ASM102704v1_genomic.fna	Staphylococcus	Firmicutes
776	GCA_001675515.1_ASM167551v1_genomic.fna	Bacillus	Firmicutes
777	GCA_000774075.2_ASM77407v2_genomic.fna	Bacillus	Firmicutes
778	GCA_001272895.1_ASM127289v1_genomic.fna	Mycoplasma	Tenericutes
779	GCA_001483425.1_ASM148342v1_genomic.fna	Listeria	Firmicutes

780 GCA_001021895.1_ASM102189v1_genomic.fna
 781 GCA_001483405.1_ASM148340v1_genomic.fna
 782 GCA_001506805.1_ASM150680v1_genomic.fna
 783 GCA_002407145.1_ASM240714v1_genomic.fna
 784 GCA_002220675.1_ASM222067v1_genomic.fna
 785 GCA_000827955.1_ASM82795v1_genomic.fna
 786 GCA_900094185.1_Ef_DMG1500501_genomic.fna
 787 GCA_001594345.1_ASM159434v1_genomic.fna
 788 GCA_000772125.1_ASM77212v1_genomic.fna
 789 GCA_000583775.1_ASM58377v1_genomic.fna
 790 GCA_000833165.1_ASM83316v1_genomic.fna
 791 GCA_001953255.1_ASM195325v1_genomic.fna
 792 GCA_001874385.1_ASM187438v1_genomic.fna
 793 GCA_001483445.1_ASM148344v1_genomic.fna
 794 GCA_002443035.1_ASM244303v1_genomic.fna
 795 GCA_001506845.1_ASM150684v1_genomic.fna
 796 GCA_001027105.1_ASM102710v1_genomic.fna
 797 GCA_001266635.1_ASM126663v1_genomic.fna
 798 GCA_001506865.1_ASM150686v1_genomic.fna
 799 GCA_001305715.1_ASM130571v1_genomic.fna
 800 GCA_000832825.1_ASM83282v1_genomic.fna
 801 GCA_000210975.1_ASM21097v1_genomic.fna
 802 GCA_000349925.2_ASM34992v2_genomic.fna
 803 GCA_000183225.1_ASM18322v1_genomic.fna
 804 GCA_001513695.1_ASM151369v1_genomic.fna
 805 GCA_000832585.1_ASM83258v1_genomic.fna
 806 GCA_001045795.2_ASM104579v2_genomic.fna
 807 GCA_000732355.1_ASM73235v1_genomic.fna
 808 GCA_000832525.1_ASM83252v1_genomic.fna
 809 GCA_000493495.1_TS_genomic.fna
 810 GCA_000027045.1_ASM2704v1_genomic.fna
 811 GCA_000144955.1_ASM14495v1_genomic.fna
 812 GCA_000632435.1_ASM63243v1_genomic.fna
 813 GCA_000306905.1_ASM30690v1_genomic.fna

Staphylococcus	Firmicutes
Listeria	Firmicutes
Campylobacter	Proteobacteria
Campylobacter	Proteobacteria
Serratia	Proteobacteria
Clostridium	Firmicutes
Enterococcus	Firmicutes
Enterococcus	Firmicutes
Bacillus	Firmicutes
Campylobacter	Proteobacteria
Francisella	Proteobacteria
Enterococcus	Firmicutes
Bacillus	Firmicutes
Listeria	Firmicutes
Streptococcus	Firmicutes
Campylobacter	Proteobacteria
Staphylococcus	Firmicutes
Streptococcus	Firmicutes
Campylobacter	Proteobacteria
Campylobacter	Proteobacteria
Bacillus	Firmicutes
Streptococcus	Firmicutes
Streptococcus	Firmicutes
Buchnera	Proteobacteria
Listeria	Firmicutes
Bacillus	Firmicutes
Staphylococcus	Firmicutes
Streptococcus	Firmicutes
Bacillus	Firmicutes
Campylobacter	Proteobacteria
Staphylococcus	Firmicutes
Staphylococcus	Firmicutes
Campylobacter	Proteobacteria
Listeria	Firmicutes

814	GCA_002078435.1_ASM207843v1_genomic.fna	Lactococcus	Firmicutes
815	GCA_000306985.1_ASM30698v1_genomic.fna	Listeria	Firmicutes
816	GCA_000183245.1_ASM18324v1_genomic.fna	Buchnera	Proteobacteria
817	GCA_000832765.1_ASM83276v1_genomic.fna	Bacillus	Firmicutes
818	GCA_002078455.1_ASM207845v1_genomic.fna	Lactococcus	Firmicutes
819	GCA_000993745.1_ASM99374v1_genomic.fna	Streptococcus	Firmicutes
820	GCA_001275545.2_ASM127554v2_genomic.fna	Streptococcus	Firmicutes
821	GCA_900094135.1_ASM90009413v1_genomic.fna	Streptococcus	Firmicutes
822	GCA_000422045.1_ASM42204v1_genomic.fna	Streptococcus	Firmicutes
823	GCA_000210995.1_ASM21099v1_genomic.fna	Streptococcus	Firmicutes
824	GCA_000832635.1_ASM83263v1_genomic.fna	Bacillus	Firmicutes
825	GCA_000018225.1_ASM1822v1_genomic.fna	Rickettsia	Proteobacteria
826	GCA_000017105.1_ASM1710v1_genomic.fna	Coxiella	Proteobacteria
827	GCA_000026485.1_ASM2648v1_genomic.fna	Lactobacillus	Firmicutes
828	GCA_000146565.1_ASM14656v1_genomic.fna	Bacillus	Firmicutes
829	GCA_000018245.1_ASM1824v1_genomic.fna	Rickettsia	Proteobacteria
830	GCA_000015385.1_ASM1538v1_genomic.fna	Lactobacillus	Firmicutes
831	GCA_000833235.1_ASM83323v1_genomic.fna	Francisella	Proteobacteria
832	GCA_000772165.1_ASM77216v1_genomic.fna	Bacillus	Firmicutes
833	GCA_000832925.1_ASM83292v1_genomic.fna	Bacillus	Firmicutes
834	GCA_000085225.1_ASM8522v1_genomic.fna	Clostridioides	Firmicutes
835	GCA_000089865.1_ASM8986v1_genomic.fna	Mycoplasma	Tenericutes
836	GCA_000014405.1_ASM1440v1_genomic.fna	Lactobacillus	Firmicutes
837	GCA_000192395.2_ASM19239v2_genomic.fna	Mycoplasma	Tenericutes
838	GCA_001281025.1_ASM128102v1_genomic.fna	Streptococcus	Firmicutes
839	GCA_000009245.1_ASM924v1_genomic.fna	Francisella	Proteobacteria
840	GCA_000497525.2_ASM49752v2_genomic.fna	Bacillus	Firmicutes
841	GCA_000253315.1_ASM25331v1_genomic.fna	Streptococcus	Firmicutes
842	GCA_000400955.1_ASM40095v1_genomic.fna	Spiroplasma	Tenericutes
843	GCA_000400935.1_ASM40093v1_genomic.fna	Spiroplasma	Tenericutes
844	GCA_000439455.1_ASM43945v1_genomic.fna	Spiroplasma	Tenericutes
845	GCA_000010005.1_ASM1000v1_genomic.fna	Lactobacillus	Firmicutes
846	GCA_000017885.4_ASM1788v4_genomic.fna	Bacillus	Firmicutes
847	GCA_000500935.1_ASM50093v1_genomic.fna	Spiroplasma	Tenericutes

848 GCA_000565215.1_ASM56521v1_genomic.fna
 849 GCA_000565175.1_ASM56517v1_genomic.fna
 850 GCA_000292405.1_ASM29240v1_genomic.fna
 851 GCA_000011825.1_ASM1182v1_genomic.fna
 852 GCA_000008425.1_ASM842v1_genomic.fna
 853 GCA_000494875.1_ASM49487v1_genomic.fna
 854 GCA_001518795.1_ASM151879v1_genomic.fna
 855 GCA_000008225.1_ASM822v1_genomic.fna
 856 GCA_000018185.1_ASM1818v1_genomic.fna
 857 GCA_000445425.4_ASM44542v4_genomic.fna
 858 GCA_000012705.1_ASM1270v1_genomic.fna
 859 GCA_000007285.1_ASM728v1_genomic.fna
 860 GCA_000006885.1_ASM688v1_genomic.fna
 861 GCA_000158275.2_ASM15827v2_genomic.fna
 862 GCA_000008165.1_ASM816v1_genomic.fna
 863 GCA_002024265.1_ASM202426v1_genomic.fna
 864 GCA_000009685.1_ASM968v1_genomic.fna
 865 GCA_001006005.1_ASM100600v1_genomic.fna
 866 GCA_000011465.1_ASM1146v1_genomic.fna
 867 GCA_000007725.1_ASM772v1_genomic.fna
 868 GCA_000009585.1_ASM958v1_genomic.fna
 869 GCA_000473995.1_ASM47399v1_genomic.fna
 870 GCA_000484505.1_ASM48450v1_genomic.fna
 871 GCA_000009005.1_ASM900v1_genomic.fna
 872 GCA_000011925.1_ASM1192v1_genomic.fna
 873 GCA_000009425.1_ASM942v1_genomic.fna
 874 GCA_000008285.1_ASM828v1_genomic.fna
 875 GCA_000008005.1_ASM800v1_genomic.fna
 876 GCA_000473245.1_ASM47324v1_genomic.fna
 877 GCA_000011625.1_ASM1162v1_genomic.fna
 878 GCA_000021185.1_ASM2118v1_genomic.fna
 879 GCA_000014545.1_ASM1454v1_genomic.fna
 880 GCA_000751035.1_PM221_genomic.fna
 881 GCA_000816265.1_ASM81626v1_genomic.fna

Spiroplasma	Tenericutes
Spiroplasma	Tenericutes
Mycoplasma	Tenericutes
Streptococcus	Firmicutes
Bacillus	Firmicutes
Staphylococcus	Firmicutes
Aerococcus	Firmicutes
Mycoplasma	Tenericutes
Streptococcus	Firmicutes
Borrelia	Spirochaetes
Streptococcus	Firmicutes
Streptococcus	Firmicutes
Streptococcus	Firmicutes
Fusobacterium	Fusobacteria
Bacillus	Firmicutes
Bacillus	Firmicutes
Clostridium	Firmicutes
Serratia	Proteobacteria
Prochlorococcus	Cyanobacteria
Buchnera	Proteobacteria
Staphylococcus	Firmicutes
Clostridium	Firmicutes
Clostridium	Firmicutes
Staphylococcus	Firmicutes
Staphylococcus	Firmicutes
Lactococcus	Firmicutes
Listeria	Firmicutes
Bacillus	Firmicutes
Bacillus	Firmicutes
Bacillus	Firmicutes
Listeria	Firmicutes
Lactococcus	Firmicutes
Staphylococcus	Firmicutes
Campylobacter	Proteobacteria

882 GCA_000011865.1_ASM1186v1_genomic.fna
 883 GCA_900168365.1_JF4335_genomic.fna
 884 GCA_000508245.1_ASM50824v1_genomic.fna
 885 GCA_000496285.1_ASM49628v1_genomic.fna
 886 GCA_000477415.1_ASM47741v1_genomic.fna
 887 GCA_000512145.2_ASM51214v2_genomic.fna
 888 GCA_001936255.1_ASM193625v1_genomic.fna
 889 GCA_000019045.1_ASM1904v1_genomic.fna
 890 GCA_000196455.1_ASM19645v1_genomic.fna
 891 GCA_000005825.2_ASM582v2_genomic.fna
 892 GCA_000298115.2_ASM29811v2_genomic.fna
 893 GCA_000025845.1_ASM2584v1_genomic.fna
 894 GCA_000021645.1_ASM2164v1_genomic.fna
 895 GCA_001660005.1_ASM166000v1_genomic.fna
 896 GCA_001038625.1_ASM103862v1_genomic.fna
 897 GCA_000020965.1_ASM2096v1_genomic.fna
 898 GCA_000014325.1_ASM1432v1_genomic.fna
 899 GCA_000014305.1_ASM1430v1_genomic.fna
 900 GCA_900143575.1_LS9N_genomic.fna
 901 GCA_000427055.1_ILRI112_genomic.fna
 902 GCA_000636115.1_ASM63611v1_genomic.fna
 903 GCA_001676785.2_ASM167678v2_genomic.fna
 904 GCA_000599965.1_ASM59996v1_genomic.fna
 905 GCA_001190865.1_ASM119086v1_genomic.fna
 906 GCA_002113805.1_ASM211380v1_genomic.fna
 907 GCA_000967445.1_ASM96744v1_genomic.fna
 908 GCA_001908255.1_ASM190825v1_genomic.fna
 909 GCA_001655175.1_ASM165517v1_genomic.fna
 910 GCA_000382925.1_ASM38292v1_genomic.fna
 911 GCA_001506325.1_ASM150632v1_genomic.fna
 912 GCA_000184085.1_ASM18408v1_genomic.fna
 913 GCA_000021525.1_ASM2152v1_genomic.fna
 914 GCA_000724585.1_ASM72458v1_genomic.fna
 915 GCA_000165505.1_ASM16550v1_genomic.fna

Campylobacter	Proteobacteria
Clostridium	Firmicutes
Mycoplasma	Tenericutes
Bacillus	Firmicutes
Mycoplasma	Tenericutes
Borrelia	Spirochaetes
Borrelia	Spirochaetes
Anoxybacillus	Firmicutes
Acetoanaerobium	Firmicutes
Bacillus	Firmicutes
Lactobacillus	Firmicutes
Mycoplasma	Tenericutes
Dictyoglomus	Dictyoglomi
Borrelia	Spirochaetes
Clostridium	Firmicutes
Dictyoglomus	Dictyoglomi
Streptococcus	Firmicutes
Streptococcus	Firmicutes
Streptococcus	Firmicutes
Streptococcus	Firmicutes
Streptococcus	Firmicutes
Brachyspira	Spirochaetes
Streptococcus	Firmicutes
Streptococcus	Firmicutes
Bacillus	Firmicutes
Streptococcus	Firmicutes
Streptococcus	Firmicutes
Streptococcus	Firmicutes
Listeria	Firmicutes
Campylobacter	Proteobacteria
Campylobacter	Proteobacteria
Rickettsia	Proteobacteria
Bacillus	Firmicutes
Ilyobacter	Fusobacteria

916	GCA_000210455.1_ASM21045v1_genomic.fna	Clostridioides	Firmicutes
917	GCA_000175295.2_ASM17529v2_genomic.fna	Thermoanaerobacter	Firmicutes
918	GCA_000210415.1_ASM21041v1_genomic.fna	Clostridioides	Firmicutes
919	GCA_001010825.1_ASM101082v1_genomic.fna	Clostridioides	Firmicutes
920	GCA_000211235.1_ASM21123v1_genomic.fna	Clostridioides	Firmicutes
921	GCA_001984465.1_ASM198446v1_genomic.fna	Clostridioides	Firmicutes
922	GCA_001447175.1_ASM144717v1_genomic.fna	Clostridioides	Firmicutes
923	GCA_000165465.1_ASM16546v1_genomic.fna	Halanaerobium	Firmicutes
924	GCA_000092245.1_ASM9224v1_genomic.fna	Arcobacter	Proteobacteria
925	GCA_000382945.1_ASM38294v1_genomic.fna	Listeria	Firmicutes
926	GCA_000025645.1_ASM2564v1_genomic.fna	Thermoanaerobacter	Firmicutes
927	GCA_000145615.1_ASM14561v1_genomic.fna	Thermoanaerobacter	Firmicutes
928	GCA_000145275.1_ASM14527v1_genomic.fna	Clostridium	Firmicutes
929	GCA_000092965.1_ASM9296v1_genomic.fna	Thermoanaerobacter	Firmicutes
930	GCA_001045995.2_ASM104599v2_genomic.fna	Staphylococcus	Firmicutes
931	GCA_001548585.1_ASM154858v1_genomic.fna	Listeria	Firmicutes
932	GCA_001506885.1_ASM150688v1_genomic.fna	Campylobacter	Proteobacteria
933	GCA_001506905.1_ASM150690v1_genomic.fna	Campylobacter	Proteobacteria
934	GCA_001548635.1_ASM154863v1_genomic.fna	Listeria	Firmicutes
935	GCA_001046095.2_ASM104609v2_genomic.fna	Staphylococcus	Firmicutes
936	GCA_001717665.1_ASM171766v1_genomic.fna	Staphylococcus	Firmicutes
937	GCA_001641045.1_ASM164104v1_genomic.fna	Staphylococcus	Firmicutes
938	GCA_001717705.1_ASM171770v1_genomic.fna	Staphylococcus	Firmicutes
939	GCA_001717685.1_ASM171768v1_genomic.fna	Staphylococcus	Firmicutes
940	GCA_000463355.1_ASM46335v1_genomic.fna	Streptococcus	Firmicutes
941	GCA_000709475.1_ASM70947v1_genomic.fna	Staphylococcus	Firmicutes
942	GCA_000829015.1_ASM82901v1_genomic.fna	Clostridium	Firmicutes
943	GCA_001506925.1_ASM150692v1_genomic.fna	Campylobacter	Proteobacteria
944	GCA_001889285.1_ASM188928v1_genomic.fna	Bacillus	Firmicutes
945	GCA_001506945.1_ASM150694v1_genomic.fna	Campylobacter	Proteobacteria
946	GCA_000009405.1_ASM940v1_genomic.fna	Staphylococcus	Firmicutes
947	GCA_000313635.1_ASM31363v1_genomic.fna	Mycoplasma	Tenericutes
948	GCA_001717975.1_ASM171797v1_genomic.fna	Staphylococcus	Firmicutes
949	GCA_001717725.1_ASM171772v1_genomic.fna	Staphylococcus	Firmicutes

950	GCA_900155335.1_NZ15MR0322_genomic.fna	Staphylococcus	Firmicutes
951	GCA_001551855.1_ASM155185v1_genomic.fna	Listeria	Firmicutes
952	GCA_001183705.1_ASM118370v1_genomic.fna	Staphylococcus	Firmicutes
953	GCA_001672035.1_ASM167203v1_genomic.fna	Lactobacillus	Firmicutes
954	GCA_002220695.1_ASM222069v1_genomic.fna	Serratia	Proteobacteria
955	GCA_002007625.1_ASM200762v1_genomic.fna	Enterococcus	Firmicutes
956	GCA_001596775.2_ASM159677v2_genomic.fna	Listeria	Firmicutes
957	GCA_001183725.1_ASM118372v1_genomic.fna	Staphylococcus	Firmicutes
958	GCA_001272915.1_ASM127291v1_genomic.fna	Mycoplasma	Tenericutes
959	GCA_002220715.1_ASM222071v1_genomic.fna	Serratia	Proteobacteria
960	GCA_001704315.1_ASM170431v1_genomic.fna	Lactobacillus	Firmicutes
961	GCA_001278745.1_ASM127874v1_genomic.fna	Staphylococcus	Firmicutes
962	GCA_001509195.1_ASM150919v1_genomic.fna	Mycoplasma	Tenericutes
963	GCA_001644625.1_ASM164462v1_genomic.fna	Listeria	Firmicutes
964	GCA_001687745.1_ASM168774v1_genomic.fna	Bacillus	Firmicutes
965	GCA_001723585.1_ASM172358v1_genomic.fna	Bacillus	Firmicutes
966	GCA_001281145.1_ASM128114v1_genomic.fna	Staphylococcus	Firmicutes
967	GCA_001879605.1_ASM187960v1_genomic.fna	Clostridium	Firmicutes
968	GCA_001908335.1_ASM190833v1_genomic.fna	Listeria	Firmicutes
969	GCA_000772205.1_ASM77220v1_genomic.fna	Bacillus	Firmicutes
970	GCA_000833335.1_ASM83333v1_genomic.fna	Francisella	Proteobacteria
971	GCA_001506965.1_ASM150696v1_genomic.fna	Campylobacter	Proteobacteria
972	GCA_001506985.1_ASM150698v1_genomic.fna	Campylobacter	Proteobacteria
973	GCA_002024245.1_ASM202424v1_genomic.fna	Enterococcus	Firmicutes
974	GCA_001922005.1_ASM192200v1_genomic.fna	Bacillus	Firmicutes
975	GCA_001448985.1_ASM144898v1_genomic.fna	Streptococcus	Firmicutes
976	GCA_001296985.1_ASM129698v1_genomic.fna	Staphylococcus	Firmicutes
977	GCA_001272635.1_ASM127263v1_genomic.fna	Streptococcus	Firmicutes
978	GCA_001913195.1_ASM191319v1_genomic.fna	Listeria	Firmicutes
979	GCA_000833085.1_ASM83308v1_genomic.fna	Bacillus	Firmicutes
980	GCA_001298325.2_ASM129832v2_genomic.fna	Staphylococcus	Firmicutes
981	GCA_000183285.1_ASM18328v1_genomic.fna	Buchnera	Proteobacteria
982	GCA_001952735.1_ASM195273v1_genomic.fna	Listeria	Firmicutes
983	GCA_000307005.1_ASM30700v1_genomic.fna	Listeria	Firmicutes

984	GCA_002078475.1_ASM207847v1_genomic.fna	Lactococcus	Firmicutes
985	GCA_001507025.1_ASM150702v1_genomic.fna	Campylobacter	Proteobacteria
986	GCA_000832665.1_ASM83266v1_genomic.fna	Bacillus	Firmicutes
987	GCA_000211015.1_ASM21101v1_genomic.fna	Streptococcus	Firmicutes
988	GCA_001507005.1_ASM150700v1_genomic.fna	Campylobacter	Proteobacteria
989	GCA_000732425.1_ASM73242v1_genomic.fna	Streptococcus	Firmicutes
990	GCA_000145595.1_ASM14559v1_genomic.fna	Staphylococcus	Firmicutes
991	GCA_000159535.2_ASM15953v2_genomic.fna	Staphylococcus	Firmicutes
992	GCA_000772225.1_ASM77222v1_genomic.fna	Campylobacter	Proteobacteria
993	GCA_000832845.1_ASM83284v1_genomic.fna	Bacillus	Firmicutes
994	GCA_001307235.1_ASM130723v1_genomic.fna	Staphylococcus	Firmicutes
995	GCA_002078495.1_ASM207849v1_genomic.fna	Lactococcus	Firmicutes
996	GCA_001952755.1_ASM195275v1_genomic.fna	Listeria	Firmicutes
997	GCA_000737085.1_ASM73708v1_genomic.fna	Campylobacter	Proteobacteria
998	GCA_000832805.1_ASM83280v1_genomic.fna	Bacillus	Firmicutes
999	GCA_000183305.1_ASM18330v1_genomic.fna	Buchnera	Proteobacteria
1000	GCA_000743015.1_ASM74301v1_genomic.fna	Streptococcus	Firmicutes
1001	GCA_000211035.2_ASM21103v2_genomic.fna	Streptococcus	Firmicutes
1002	GCA_000832725.1_ASM83272v1_genomic.fna	Bacillus	Firmicutes
1003	GCA_001572685.1_ASM157268v1_genomic.fna	Streptococcus	Firmicutes
1004	GCA_000307025.1_ASM30702v1_genomic.fna	Listeria	Firmicutes
1005	GCA_000835025.1_ASM83502v1_genomic.fna	Bacillus	Firmicutes
1006	GCA_001552035.1_ASM155203v1_genomic.fna	Streptococcus	Firmicutes
1007	GCA_001879625.1_ASM187962v1_genomic.fna	Clostridium	Firmicutes
1008	GCA_002173635.1_ASM217363v1_genomic.fna	Bacillus	Firmicutes
1009	GCA_002025045.1_ASM202504v1_genomic.fna	Enterococcus	Firmicutes
1010	GCA_000833355.1_ASM83335v1_genomic.fna	Francisella	Proteobacteria
1011	GCA_000782835.1_ASM78283v1_genomic.fna	Bacillus	Firmicutes
1012	GCA_000015785.1_ASM1578v1_genomic.fna	Bacillus	Firmicutes
1013	GCA_001314245.2_ASM131424v2_genomic.fna	Lactobacillus	Firmicutes
1014	GCA_000968375.1_ASM96837v1_genomic.fna	Clostridium	Firmicutes
1015	GCA_001314945.1_ASM131494v1_genomic.fna	Lactobacillus	Firmicutes
1016	GCA_000695835.1_ASM69583v1_genomic.fna	Mycoplasma	Tenericutes
1017	GCA_000706725.1_ASM70672v1_genomic.fna	Bacillus	Firmicutes

1018 GCA_001442815.1_ASM144281v1_genomic.fna
 1019 GCA_000493735.1_ASM49373v1_genomic.fna
 1020 GCA_000600105.1_ASM60010v1_genomic.fna
 1021 GCA_001443645.1_ASM144364v1_genomic.fna
 1022 GCA_000785105.2_ASM78510v2_genomic.fna
 1023 GCA_001857925.1_ASM185792v1_genomic.fna
 1024 GCA_001187595.1_ASM118759v1_genomic.fna
 1025 GCA_000763575.1_ASM76357v1_genomic.fna
 1026 GCA_001455085.1_ASM145508v1_genomic.fna
 1027 GCA_000789395.1_ASM78939v1_genomic.fna
 1028 GCA_000224985.1_ASM22498v1_genomic.fna
 1029 GCA_001936235.1_ASM193623v1_genomic.fna
 1030 GCA_000163895.2_ASM16389v2_genomic.fna
 1031 GCA_000014525.1_ASM1452v1_genomic.fna
 1032 GCA_001028645.1_ASM102864v1_genomic.fna
 1033 GCA_001190745.1_ASM119074v1_genomic.fna
 1034 GCA_000332735.1_ASM33273v1_genomic.fna
 1035 GCA_002356455.1_ASM235645v1_genomic.fna
 1036 GCA_000270085.1_ASM27008v1_genomic.fna
 1037 GCA_002075105.1_ASM207510v1_genomic.fna
 1038 GCA_002173495.1_ASM217349v1_genomic.fna
 1039 GCA_000177235.2_ASM17723v2_genomic.fna
 1040 GCA_000253155.1_ASM25315v1_genomic.fna
 1041 GCA_001543285.1_ASM154328v1_genomic.fna
 1042 GCA_000019085.1_ASM1908v1_genomic.fna
 1043 GCA_001507045.1_ASM150704v1_genomic.fna
 1044 GCA_001507065.1_ASM150706v1_genomic.fna
 1045 GCA_001952775.1_ASM195277v1_genomic.fna
 1046 GCA_001444345.1_ASM144434v1_genomic.fna
 1047 GCA_001507085.1_ASM150708v1_genomic.fna
 1048 GCA_001050115.1_ASM105011v1_genomic.fna
 1049 GCA_001456215.1_ASM145621v1_genomic.fna
 1050 GCA_001952795.1_ASM195279v1_genomic.fna
 1051 GCA_001558175.1_ASM155817v1_genomic.fna

Staphylococcus	Firmicutes
Carnobacterium	Firmicutes
Lysinibacillus	Firmicutes
Lactobacillus	Firmicutes
Lactobacillus	Firmicutes
Bacillus	Firmicutes
Anoxybacillus	Firmicutes
Thermoanaerobacter	Firmicutes
Fusobacterium	Fusobacteria
Clostridium	Firmicutes
Lactobacillus	Firmicutes
Lactobacillus	Firmicutes
Filifactor	Firmicutes
Lactobacillus	Firmicutes
Staphylococcus	Firmicutes
Campylobacter	Proteobacteria
Staphylococcus	Firmicutes
Fusobacterium	Fusobacteria
Erysipelothrix	Firmicutes
Lactobacillus	Firmicutes
Bacillus	Firmicutes
Bacillus	Firmicutes
Streptococcus	Firmicutes
Aerococcus	Firmicutes
Thermoanaerobacter	Firmicutes
Campylobacter	Proteobacteria
Campylobacter	Proteobacteria
Listeria	Firmicutes
Staphylococcus	Firmicutes
Campylobacter	Proteobacteria
Bacillus	Firmicutes
Staphylococcus	Firmicutes
Listeria	Firmicutes
Mycoplasma	Tenericutes

1052 GCA_001767275.1_ASM176727v1_genomic.fna
 1053 GCA_001507105.1_ASM150710v1_genomic.fna
 1054 GCA_001998915.1_ASM199891v1_genomic.fna
 1055 GCA_001457495.1_NCTC13435_genomic.fna
 1056 GCA_001507125.1_ASM150712v1_genomic.fna
 1057 GCA_001507145.1_ASM150714v1_genomic.fna
 1058 GCA_001704335.1_ASM170433v1_genomic.fna
 1059 GCA_900029885.1_Sm_SMB2099_genomic.fna
 1060 GCA_001998945.1_ASM199894v1_genomic.fna
 1061 GCA_001752685.1_ASM175268v1_genomic.fna
 1062 GCA_001854345.1_ASM185434v1_genomic.fna
 1063 GCA_001465635.1_ASM146563v1_genomic.fna
 1064 GCA_002209305.1_ASM220930v1_genomic.fna
 1065 GCA_001886775.1_ASM188677v1_genomic.fna
 1066 GCA_000789275.1_ASM78927v1_genomic.fna
 1067 GCA_001715615.1_ASM171561v1_genomic.fna
 1068 GCA_001998985.1_ASM199898v1_genomic.fna
 1069 GCA_001465675.1_ASM146567v1_genomic.fna
 1070 GCA_001901705.1_ASM190170v1_genomic.fna
 1071 GCA_002025065.1_ASM202506v1_genomic.fna
 1072 GCA_001507165.1_ASM150716v1_genomic.fna
 1073 GCA_000186405.1_ASM18640v1_genomic.fna
 1074 GCA_001507185.1_ASM150718v1_genomic.fna
 1075 GCA_000427215.1_ASM42721v1_genomic.fna
 1076 GCA_001999025.1_ASM199902v1_genomic.fna
 1077 GCA_001592385.1_ASM159238v1_genomic.fna
 1078 GCA_001515665.1_ASM151566v1_genomic.fna
 1079 GCA_000833375.1_ASM83337v1_genomic.fna
 1080 GCA_001999005.1_ASM199900v1_genomic.fna
 1081 GCA_000940785.1_ASM94078v1_genomic.fna
 1082 GCA_001465755.1_ASM146575v1_genomic.fna
 1083 GCA_000756485.1_ASM75648v1_genomic.fna
 1084 GCA_001634675.1_ASM163467v1_genomic.fna
 1085 GCA_000258885.1_ASM25888v1_genomic.fna

Pediococcus	Firmicutes
Campylobacter	Proteobacteria
Listeria	Firmicutes
Staphylococcus	Firmicutes
Campylobacter	Proteobacteria
Campylobacter	Proteobacteria
Lactobacillus	Firmicutes
Serratia	Proteobacteria
Listeria	Firmicutes
Bacillus	Firmicutes
Bacillus	Firmicutes
Staphylococcus	Firmicutes
Bacillus	Firmicutes
Clostridium	Firmicutes
Bacillus	Firmicutes
Lactobacillus	Firmicutes
Listeria	Firmicutes
Staphylococcus	Firmicutes
Mycoplasma	Tenericutes
Enterococcus	Firmicutes
Campylobacter	Proteobacteria
Streptococcus	Firmicutes
Campylobacter	Proteobacteria
Mycoplasma	Tenericutes
Listeria	Firmicutes
Streptococcus	Firmicutes
Staphylococcus	Firmicutes
Francisella	Proteobacteria
Listeria	Firmicutes
Bacillus	Firmicutes
Staphylococcus	Firmicutes
Streptococcus	Firmicutes
Bacillus	Firmicutes
Bacillus	Firmicutes

1086	GCA_000019005.1_ASM1900v1_genomic.fna	Streptococcus	Firmicutes
1087	GCA_000011665.1_ASM1166v1_genomic.fna	Streptococcus	Firmicutes
1088	GCA_000521525.1_ASM52152v1_genomic.fna	Buchnera	Proteobacteria
1089	GCA_001610935.1_ASM161093v1_genomic.fna	Streptococcus	Firmicutes
1090	GCA_000832745.1_ASM83274v1_genomic.fna	Bacillus	Firmicutes
1091	GCA_000211055.2_ASM21105v2_genomic.fna	Streptococcus	Firmicutes
1092	GCA_001296085.1_ASM129608v1_genomic.fna	Fusobacterium	Fusobacteria
1093	GCA_001507205.1_ASM150720v1_genomic.fna	Campylobacter	Proteobacteria
1094	GCA_000160335.2_ASM16033v2_genomic.fna	Staphylococcus	Firmicutes
1095	GCA_001515685.1_ASM151568v1_genomic.fna	Staphylococcus	Firmicutes
1096	GCA_000015645.1_ASM1564v1_genomic.fna	Prochlorococcus	Cyanobacteria
1097	GCA_000807355.1_ASM80735v1_genomic.fna	Campylobacter	Proteobacteria
1098	GCA_001515705.1_ASM151570v1_genomic.fna	Staphylococcus	Firmicutes
1099	GCA_000830775.1_ASM83077v1_genomic.fna	Campylobacter	Proteobacteria
1100	GCA_001507225.1_ASM150722v1_genomic.fna	Campylobacter	Proteobacteria
1101	GCA_001579785.1_ASM157978v1_genomic.fna	Clostridium	Firmicutes
1102	GCA_000093125.2_ASM9312v2_genomic.fna	Listeria	Firmicutes
1103	GCA_000204665.1_ASM20466v1_genomic.fna	Staphylococcus	Firmicutes
1104	GCA_001999065.1_ASM199906v1_genomic.fna	Listeria	Firmicutes
1105	GCA_000217635.1_ASM21763v1_genomic.fna	Buchnera	Proteobacteria
1106	GCA_000307045.1_ASM30704v1_genomic.fna	Listeria	Firmicutes
1107	GCA_002078615.1_ASM207861v1_genomic.fna	Lactococcus	Firmicutes
1108	GCA_000832865.1_ASM83286v1_genomic.fna	Bacillus	Firmicutes
1109	GCA_001999045.1_ASM199904v1_genomic.fna	Listeria	Firmicutes
1110	GCA_000307065.1_ASM30706v1_genomic.fna	Listeria	Firmicutes
1111	GCA_000017905.1_ASM1790v1_genomic.fna	Campylobacter	Proteobacteria
1112	GCA_002201975.1_ASM220197v1_genomic.fna	Bacillus	Firmicutes
1113	GCA_002201935.1_ASM220193v1_genomic.fna	Bacillus	Firmicutes
1114	GCA_000521545.1_ASM52154v1_genomic.fna	Buchnera	Proteobacteria
1115	GCA_000025425.1_ASM2542v1_genomic.fna	Campylobacter	Proteobacteria
1116	GCA_000767505.1_ASM76750v1_genomic.fna	Streptococcus	Firmicutes
1117	GCA_000021225.1_ASM2122v1_genomic.fna	Bacillus	Firmicutes
1118	GCA_000192705.1_ASM19270v1_genomic.fna	Lactococcus	Firmicutes
1119	GCA_000833045.1_ASM83304v1_genomic.fna	Bacillus	Firmicutes

1120	GCA_002085695.1_ASM208569v1_genomic.fna	Staphylococcus	Firmicutes
1121	GCA_002078765.1_ASM207876v1_genomic.fna	Lactococcus	Firmicutes
1122	GCA_000010445.1_ASM1044v1_genomic.fna	Staphylococcus	Firmicutes
1123	GCA_000010465.1_ASM1046v1_genomic.fna	Staphylococcus	Firmicutes
1124	GCA_000236475.1_ASM23647v1_genomic.fna	Lactococcus	Firmicutes
1125	GCA_002215535.1_ASM221553v1_genomic.fna	Staphylococcus	Firmicutes
1126	GCA_001592425.1_ASM159242v1_genomic.fna	Streptococcus	Firmicutes
1127	GCA_000021305.1_ASM2130v1_genomic.fna	Bacillus	Firmicutes
1128	GCA_001854085.1_ASM185408v1_genomic.fna	Clostridium	Firmicutes
1129	GCA_000168575.2_ASM16857v2_genomic.fna	Listeria	Firmicutes
1130	GCA_001017635.1_ASM101763v1_genomic.fna	Bacillus	Firmicutes
1131	GCA_001640765.1_ASM164076v1_genomic.fna	Streptococcus	Firmicutes
1132	GCA_000211075.1_ASM21107v1_genomic.fna	Streptococcus	Firmicutes
1133	GCA_000832785.1_ASM83278v1_genomic.fna	Bacillus	Firmicutes
1134	GCA_000789295.1_ASM78929v1_genomic.fna	Bacillus	Firmicutes
1135	GCA_001889325.1_ASM188932v1_genomic.fna	Clostridium	Firmicutes
1136	GCA_000225445.1_ASM22544v1_genomic.fna	Buchnera	Proteobacteria
1137	GCA_002334625.1_ASM233462v1_genomic.fna	Enterococcus	Firmicutes
1138	GCA_000011765.2_ASM1176v2_genomic.fna	Streptococcus	Firmicutes
1139	GCA_002090215.1_ASM209021v1_genomic.fna	Mycoplasma	Tenericutes
1140	GCA_000833475.1_ASM83347v1_genomic.fna	Francisella	Proteobacteria
1141	GCA_000015665.1_ASM1566v1_genomic.fna	Prochlorococcus	Cyanobacteria
1142	GCA_000512835.2_ASM51283v2_genomic.fna	Bacillus	Firmicutes
1143	GCA_001857985.1_ASM185798v1_genomic.fna	Bacillus	Firmicutes
1144	GCA_002005345.1_ASM200534v1_genomic.fna	Bacillus	Firmicutes
1145	GCA_002257505.1_ASM225750v1_genomic.fna	Mycoplasma	Tenericutes
1146	GCA_000204625.1_ASM20462v1_genomic.fna	Streptococcus	Firmicutes
1147	GCA_001296145.1_ASM129614v1_genomic.fna	Fusobacterium	Fusobacteria
1148	GCA_001874125.1_ASM187412v1_genomic.fna	Lactobacillus	Firmicutes
1149	GCA_000019025.1_ASM1902v1_genomic.fna	Streptococcus	Firmicutes
1150	GCA_002074115.1_ASM207411v1_genomic.fna	Bacillus	Firmicutes
1151	GCA_000698885.1_ASM69888v1_genomic.fna	Streptococcus	Firmicutes
1152	GCA_001046835.1_ASM104683v1_genomic.fna	Lactobacillus	Firmicutes
1153	GCA_001431785.1_ASM143178v1_genomic.fna	Bacillus	Firmicutes

1154 GCA_000427075.1_ILRI005_genomic.fna
 1155 GCA_000292455.1_ASM29245v1_genomic.fna
 1156 GCA_000815025.1_ASM81502v1_genomic.fna
 1157 GCA_000808095.1_ASM80809v1_genomic.fna
 1158 GCA_001888925.1_ASM188892v1_genomic.fna
 1159 GCA_002009215.1_ASM200921v1_genomic.fna
 1160 GCA_000814265.1_ASM81426v1_genomic.fna
 1161 GCA_002073835.1_ASM207383v1_genomic.fna
 1162 GCA_000016105.1_ASM1610v1_genomic.fna
 1163 GCA_000815225.1_ASM81522v1_genomic.fna
 1164 GCA_002074155.1_ASM207415v1_genomic.fna
 1165 GCA_000816785.1_ASM81678v1_genomic.fna
 1166 GCA_000831065.1_ASM83106v1_genomic.fna
 1167 GCA_000828855.1_ASM82885v1_genomic.fna
 1168 GCA_000831645.3_ASM83164v3_genomic.fna
 1169 GCA_000829395.1_ASM82939v1_genomic.fna
 1170 GCA_000736415.1_ASM73641v1_genomic.fna
 1171 GCA_000941075.1_ASM94107v1_genomic.fna
 1172 GCA_001042715.1_ASM104271v1_genomic.fna
 1173 GCA_000953715.1_DTL3_genomic.fna
 1174 GCA_000973545.1_ASM97354v1_genomic.fna
 1175 GCA_000973505.1_ASM97350v1_genomic.fna
 1176 GCA_001902315.1_ASM190231v1_genomic.fna
 1177 GCA_000236925.1_ASM23692v1_genomic.fna
 1178 GCA_000577895.1_M2_40_genomic.fna
 1179 GCA_001618885.1_ASM161888v1_genomic.fna
 1180 GCA_000965765.1_ASM96576v1_genomic.fna
 1181 GCA_001999105.1_ASM199910v1_genomic.fna
 1182 GCA_001515765.1_ASM151576v1_genomic.fna
 1183 GCA_001515745.1_ASM151574v1_genomic.fna
 1184 GCA_001999085.1_ASM199908v1_genomic.fna
 1185 GCA_001507245.1_ASM150724v1_genomic.fna
 1186 GCA_001507265.1_ASM150726v1_genomic.fna
 1187 GCA_001880185.1_ASM188018v1_genomic.fna

Streptococcus	Firmicutes
Bacillus	Firmicutes
Coxiella	Proteobacteria
Borrelia	Spirochaetes
Lactobacillus	Firmicutes
Mycoplasma	Tenericutes
Campylobacter	Proteobacteria
Streptococcus	Firmicutes
Francisella	Proteobacteria
Allofrancisella	Proteobacteria
Clostridium	Firmicutes
Campylobacter	Proteobacteria
Bacillus	Firmicutes
Mycoplasma	Tenericutes
Lactobacillus	Firmicutes
Lactobacillus	Firmicutes
Campylobacter	Proteobacteria
Mycoplasma	Tenericutes
Clostridium	Firmicutes
Deinoflexus	Thermotogae
Blochmannia	Proteobacteria
Blochmannia	Proteobacteria
Staphylococcus	Firmicutes
Staphylococcus	Firmicutes
Clostridium	Firmicutes
Staphylococcus	Firmicutes
Mycoplasma	Tenericutes
Listeria	Firmicutes
Staphylococcus	Firmicutes
Staphylococcus	Firmicutes
Listeria	Firmicutes
Campylobacter	Proteobacteria
Campylobacter	Proteobacteria
Lactobacillus	Firmicutes

1188	GCA_001548295.1_ASM154829v1_genomic.fna	Staphylococcus	Firmicutes
1189	GCA_001999125.1_ASM199912v1_genomic.fna	Listeria	Firmicutes
1190	GCA_001563565.1_ASM156356v1_genomic.fna	Campylobacter	Proteobacteria
1191	GCA_001587015.1_ASM158701v1_genomic.fna	Campylobacter	Proteobacteria
1192	GCA_001999145.1_ASM199914v1_genomic.fna	Listeria	Firmicutes
1193	GCA_001548415.1_ASM154841v1_genomic.fna	Staphylococcus	Firmicutes
1194	GCA_000833495.1_ASM83349v1_genomic.fna	Francisella	Proteobacteria
1195	GCA_001999165.1_ASM199916v1_genomic.fna	Listeria	Firmicutes
1196	GCA_002090235.1_ASM209023v1_genomic.fna	Mycoplasma	Tenericutes
1197	GCA_002442955.1_ASM244295v1_genomic.fna	Enterococcus	Firmicutes
1198	GCA_001889345.1_ASM188934v1_genomic.fna	Clostridium	Firmicutes
1199	GCA_000827065.1_ASM82706v1_genomic.fna	Bacillus	Firmicutes
1200	GCA_000832965.1_ASM83296v1_genomic.fna	Bacillus	Firmicutes
1201	GCA_001683515.1_ASM168351v1_genomic.fna	Streptococcus	Firmicutes
1202	GCA_000211095.1_ASM21109v1_genomic.fna	Streptococcus	Firmicutes
1203	GCA_001587035.1_ASM158703v1_genomic.fna	Campylobacter	Proteobacteria
1204	GCA_001182785.1_ASM118278v1_genomic.fna	Bacillus	Firmicutes
1205	GCA_001549655.1_ASM154965v1_genomic.fna	Staphylococcus	Firmicutes
1206	GCA_001686905.1_ASM168690v1_genomic.fna	Campylobacter	Proteobacteria
1207	GCA_001549675.1_ASM154967v1_genomic.fna	Staphylococcus	Firmicutes
1208	GCA_001721625.1_ASM172162v1_genomic.fna	Streptococcus	Firmicutes
1209	GCA_002043045.1_ASM204304v1_genomic.fna	Listeria	Firmicutes
1210	GCA_000307085.1_ASM30708v1_genomic.fna	Listeria	Firmicutes
1211	GCA_002007885.1_ASM200788v1_genomic.fna	Clostridioides	Firmicutes
1212	GCA_002078855.1_ASM207885v1_genomic.fna	Lactococcus	Firmicutes
1213	GCA_000367725.3_Z3055_genomic.fna	Coxiella	Proteobacteria
1214	GCA_000835185.1_ASM83518v1_genomic.fna	Bacillus	Firmicutes
1215	GCA_001558795.1_ASM155879v1_genomic.fna	Staphylococcus	Firmicutes
1216	GCA_000293765.1_ASM29376v1_genomic.fna	Bacillus	Firmicutes
1217	GCA_002101275.1_ASM210127v1_genomic.fna	Listeria	Firmicutes
1218	GCA_000772185.1_ASM77218v1_genomic.fna	Streptococcus	Firmicutes
1219	GCA_000521585.1_ASM52158v1_genomic.fna	Buchnera	Proteobacteria
1220	GCA_002105615.1_ASM210561v1_genomic.fna	Listeria	Firmicutes
1221	GCA_000978375.1_ASM97837v1_genomic.fna	Bacillus	Firmicutes

1222 GCA_002078895.1_ASM207889v1_genomic.fna
 1223 GCA_000277265.1_ASM27726v1_genomic.fna
 1224 GCA_000307615.1_ASM30761v1_genomic.fna
 1225 GCA_000019305.1_ASM1930v1_genomic.fna
 1226 GCA_000418515.1_ASM41851v1_genomic.fna
 1227 GCA_000210315.1_ASM21031v1_genomic.fna
 1228 GCA_001717625.1_ASM171762v1_genomic.fna
 1229 GCA_000961015.1_ASM96101v1_genomic.fna
 1230 GCA_000283955.1_ASM28395v1_genomic.fna
 1231 GCA_000830805.1_ASM83080v1_genomic.fna
 1232 GCA_000830825.1_ASM83082v1_genomic.fna
 1233 GCA_001721945.1_ASM172194v1_genomic.fna
 1234 GCA_002119645.1_ASM211964v1_genomic.fna
 1235 GCA_001267815.1_ASM126781v1_genomic.fna
 1236 GCA_000237125.1_ASM23712v1_genomic.fna
 1237 GCA_001580495.1_ASM158049v1_genomic.fna
 1238 GCA_000251085.2_ASM25108v2_genomic.fna
 1239 GCA_002105635.1_ASM210563v1_genomic.fna
 1240 GCA_000833065.1_ASM83306v1_genomic.fna
 1241 GCA_001936415.1_ASM193641v1_genomic.fna
 1242 GCA_001580515.1_ASM158051v1_genomic.fna
 1243 GCA_000494835.1_ASM49483v1_genomic.fna
 1244 GCA_001712835.1_ASM171283v1_genomic.fna
 1245 GCA_001721985.1_ASM172198v1_genomic.fna
 1246 GCA_001721965.1_ASM172196v1_genomic.fna
 1247 GCA_002151485.1_ASM215148v1_genomic.fna
 1248 GCA_000772245.1_ASM77224v1_genomic.fna
 1249 GCA_000550745.1_ASM55074v1_genomic.fna
 1250 GCA_000833455.1_ASM83345v1_genomic.fna
 1251 GCA_001721925.1_ASM172192v1_genomic.fna
 1252 GCA_000833515.1_ASM83351v1_genomic.fna
 1253 GCA_002009195.1_ASM200919v1_genomic.fna
 1254 GCA_000953615.1_BS49Ch_genomic.fna
 1255 GCA_001412695.1_ASM141269v1_genomic.fna

Lactococcus	Firmicutes
Rickettsia	Proteobacteria
Listeria	Firmicutes
Clostridium	Firmicutes
Lactobacillus	Firmicutes
Staphylococcus	Firmicutes
Campylobacter	Proteobacteria
Lactobacillus	Firmicutes
Rickettsia	Proteobacteria
Campylobacter	Proteobacteria
Campylobacter	Proteobacteria
Lactobacillus	Firmicutes
Mycoplasma	Tenericutes
Staphylococcus	Firmicutes
Staphylococcus	Firmicutes
Streptococcus	Firmicutes
Listeria	Firmicutes
Bacillus	Firmicutes
Streptococcus	Firmicutes
Staphylococcus	Firmicutes
Bacillus	Firmicutes
Streptococcus	Firmicutes
Campylobacter	Proteobacteria
Campylobacter	Proteobacteria
Borrelia	Spirochaetes
Streptococcus	Firmicutes
Enterococcus	Firmicutes
Francisella	Proteobacteria
Lactobacillus	Firmicutes
Francisella	Proteobacteria
Bacillus	Firmicutes
Bacillus	Firmicutes
Enterococcus	Firmicutes

1256	GCA_001594205.1_ASM159420v1_genomic.fna	Staphylococcus	Firmicutes
1257	GCA_001183785.1_ASM118378v1_genomic.fna	Bacillus	Firmicutes
1258	GCA_002105655.1_ASM210565v1_genomic.fna	Listeria	Firmicutes
1259	GCA_002090275.1_ASM209027v1_genomic.fna	Mycoplasma	Tenericutes
1260	GCA_001908455.1_ASM190845v1_genomic.fna	Lactobacillus	Firmicutes
1261	GCA_001891125.1_ASM189112v1_genomic.fna	Leuconostoc	Firmicutes
1262	GCA_001294565.1_ASM129456v1_genomic.fna	Serratia	Proteobacteria
1263	GCA_000604105.1_ASM60410v1_genomic.fna	Lactobacillus	Firmicutes
1264	GCA_002057535.1_ASM205753v1_genomic.fna	Bacillus	Firmicutes
1265	GCA_002072695.1_ASM207269v1_genomic.fna	Bacillus	Firmicutes
1266	GCA_002117375.1_ASM211737v1_genomic.fna	Lactobacillus	Firmicutes
1267	GCA_900066025.1_Enterococcus_faecium_E1002_isolate_genomic.fna	Enterococcus	Firmicutes
1268	GCA_001611325.1_ASM161132v1_genomic.fna	Staphylococcus	Firmicutes
1269	GCA_002105675.1_ASM210567v1_genomic.fna	Listeria	Firmicutes
1270	GCA_000387745.2_ASM38774v2_genomic.fna	Mycoplasma	Tenericutes
1271	GCA_001017575.1_ASM101757v1_genomic.fna	Campylobacter	Proteobacteria
1272	GCA_002090295.1_ASM209029v1_genomic.fna	Mycoplasma	Tenericutes
1273	GCA_001417635.1_ASM141763v1_genomic.fna	Campylobacter	Proteobacteria
1274	GCA_900092475.1_Ef_aus00233_genomic.fna	Enterococcus	Firmicutes
1275	GCA_900094615.1_ASM90009461v1_genomic.fna	Lactobacillus	Firmicutes
1276	GCA_000971925.1_ASM97192v1_genomic.fna	Bacillus	Firmicutes
1277	GCA_900187195.1_51485_F01_genomic.fna	Listeria	Firmicutes
1278	GCA_000833535.1_ASM83353v1_genomic.fna	Francisella	Proteobacteria
1279	GCA_001990145.1_ASM199014v1_genomic.fna	Lactobacillus	Firmicutes
1280	GCA_000286715.1_ASM28671v1_genomic.fna	Mycoplasma	Tenericutes
1281	GCA_001611895.1_ASM161189v1_genomic.fna	Mycoplasma	Tenericutes
1282	GCA_001420855.1_ASM142085v1_genomic.fna	Bacillus	Firmicutes
1283	GCA_002176855.1_ASM217685v1_genomic.fna	Lactobacillus	Firmicutes
1284	GCA_001729925.1_ASM172992v1_genomic.fna	Streptococcus	Firmicutes
1285	GCA_001514415.1_ASM151441v1_genomic.fna	Lactobacillus	Firmicutes
1286	GCA_002111405.1_ASM211140v1_genomic.fna	Streptococcus	Firmicutes
1287	GCA_000833125.1_ASM83312v1_genomic.fna	Bacillus	Firmicutes
1288	GCA_002357195.1_ASM235719v1_genomic.fna	Rickettsia	Proteobacteria
1289	GCA_002407165.1_ASM240716v1_genomic.fna	Staphylococcus	Firmicutes

1290	GCA_000455585.1_ucmb5113v1_genomic.fna	Bacillus	Firmicutes
1291	GCA_001885275.1_ASM188527v1_genomic.fna	Francisella	Proteobacteria
1292	GCA_002214225.1_ASM221422v1_genomic.fna	Francisella	Proteobacteria
1293	GCA_002357215.1_ASM235721v1_genomic.fna	Rickettsia	Proteobacteria
1294	GCA_000493375.1_BAPNAU_WGS_genomic.fna	Bacillus	Firmicutes
1295	GCA_001042405.1_ASM104240v1_genomic.fna	Lactobacillus	Firmicutes
1296	GCA_001029245.1_ASM102924v1_genomic.fna	Spiroplasma	Tenericutes
1297	GCA_001050475.1_ASM105047v1_genomic.fna	Lactobacillus	Firmicutes
1298	GCA_001050435.1_ASM105043v1_genomic.fna	Lactobacillus	Firmicutes
1299	GCA_001188855.1_ASM118885v1_genomic.fna	Staphylococcus	Firmicutes
1300	GCA_001262715.1_ASM126271v1_genomic.fna	Spiroplasma	Tenericutes
1301	GCA_002240375.1_ASM224037v1_genomic.fna	Lactobacillus	Firmicutes
1302	GCA_002005405.1_ASM200540v1_genomic.fna	Jeotgalibaca	Firmicutes
1303	GCA_001267155.1_ASM126715v1_genomic.fna	Spiroplasma	Tenericutes
1304	GCA_001281045.1_ASM128104v1_genomic.fna	Spiroplasma	Tenericutes
1305	GCA_001936335.1_ASM193633v1_genomic.fna	Lactobacillus	Firmicutes
1306	GCA_001702175.1_ASM170217v1_genomic.fna	Lactobacillus	Firmicutes
1307	GCA_001702135.1_ASM170213v1_genomic.fna	Lactobacillus	Firmicutes
1308	GCA_000408885.1_ASM40888v1_genomic.fna	Bacillus	Firmicutes
1309	GCA_900183405.1_ASM90018340v1_genomic.fna	Lactobacillus	Firmicutes
1310	GCA_001922025.1_ASM192202v1_genomic.fna	Lactobacillus	Firmicutes
1311	GCA_001645685.2_ASM164568v2_genomic.fna	Bacillus	Firmicutes
1312	GCA_900093775.1_EVONIK_BGLY_genomic.fna	Bacillus	Firmicutes
1313	GCA_001465835.2_ASM146583v2_genomic.fna	Planococcus	Firmicutes
1314	GCA_001465795.2_ASM146579v2_genomic.fna	Planococcus	Firmicutes
1315	GCA_001767215.1_ASM176721v1_genomic.fna	Campylobacter	Proteobacteria
1316	GCA_001865395.1_ASM186539v1_genomic.fna	Campylobacter	Proteobacteria
1317	GCA_002105695.1_ASM210569v1_genomic.fna	Listeria	Firmicutes
1318	GCA_001611345.1_ASM161134v1_genomic.fna	Staphylococcus	Firmicutes
1319	GCA_001865435.1_ASM186543v1_genomic.fna	Campylobacter	Proteobacteria
1320	GCA_001865415.1_ASM186541v1_genomic.fna	Campylobacter	Proteobacteria
1321	GCA_002105715.1_ASM210571v1_genomic.fna	Listeria	Firmicutes
1322	GCA_001611365.1_ASM161136v1_genomic.fna	Staphylococcus	Firmicutes
1323	GCA_002213505.1_ASM221350v1_genomic.fna	Listeria	Firmicutes

1324	GCA_002208215.1_ASM220821v1_genomic.fna	Listeria	Firmicutes
1325	GCA_001611385.1_ASM161138v1_genomic.fna	Staphylococcus	Firmicutes
1326	GCA_000237265.1_ASM23726v1_genomic.fna	Staphylococcus	Firmicutes
1327	GCA_001277915.1_ASM127791v1_genomic.fna	Bacillus	Firmicutes
1328	GCA_000993765.1_ASM99376v1_genomic.fna	Streptococcus	Firmicutes
1329	GCA_001865595.1_ASM186559v1_genomic.fna	Campylobacter	Proteobacteria
1330	GCA_001611405.1_ASM161140v1_genomic.fna	Staphylococcus	Firmicutes
1331	GCA_000299015.1_ASM29901v1_genomic.fna	Streptococcus	Firmicutes
1332	GCA_001865615.1_ASM186561v1_genomic.fna	Campylobacter	Proteobacteria
1333	GCA_001611425.1_ASM161142v1_genomic.fna	Staphylococcus	Firmicutes
1334	GCA_000318055.1_ASM31805v1_genomic.fna	Listeria	Firmicutes
1335	GCA_002078915.1_ASM207891v1_genomic.fna	Lactococcus	Firmicutes
1336	GCA_002213545.1_ASM221354v1_genomic.fna	Listeria	Firmicutes
1337	GCA_001870105.1_ASM187010v1_genomic.fna	Campylobacter	Proteobacteria
1338	GCA_000438585.1_ASM43858v1_genomic.fna	Listeria	Firmicutes
1339	GCA_000830845.1_ASM83084v1_genomic.fna	Campylobacter	Proteobacteria
1340	GCA_000830865.1_ASM83086v1_genomic.fna	Campylobacter	Proteobacteria
1341	GCA_000239235.1_ASM23923v1_genomic.fna	Staphylococcus	Firmicutes
1342	GCA_002213565.1_ASM221356v1_genomic.fna	Listeria	Firmicutes
1343	GCA_001518875.1_ASM151887v1_genomic.fna	Bacillus	Firmicutes
1344	GCA_001870085.1_ASM187008v1_genomic.fna	Campylobacter	Proteobacteria
1345	GCA_002078935.1_ASM207893v1_genomic.fna	Lactococcus	Firmicutes
1346	GCA_001618305.1_ASM161830v1_genomic.fna	Staphylococcus	Firmicutes
1347	GCA_002213605.1_ASM221360v1_genomic.fna	Listeria	Firmicutes
1348	GCA_002213585.1_ASM221358v1_genomic.fna	Listeria	Firmicutes
1349	GCA_000817005.1_ASM81700v1_genomic.fna	Streptococcus	Firmicutes
1350	GCA_001640885.1_ASM164088v1_genomic.fna	Staphylococcus	Firmicutes
1351	GCA_001014285.1_ASM101428v1_genomic.fna	Streptococcus	Firmicutes
1352	GCA_000833275.1_ASM83327v1_genomic.fna	Bacillus	Firmicutes
1353	GCA_002189695.1_ASM218969v1_genomic.fna	Streptococcus	Firmicutes
1354	GCA_001932715.1_ASM193271v1_genomic.fna	Streptococcus	Firmicutes
1355	GCA_002213625.1_ASM221362v1_genomic.fna	Listeria	Firmicutes
1356	GCA_000493775.1_ASM49377v1_genomic.fna	Streptococcus	Firmicutes
1357	GCA_001455345.1_ASM145534v1_genomic.fna	Bacillus	Firmicutes

1358	GCA_002591215.1_ASM259121v1_genomic.fna	Staphylococcus	Firmicutes
1359	GCA_001640905.1_ASM164090v1_genomic.fna	Staphylococcus	Firmicutes
1360	GCA_001951255.1_ASM195125v1_genomic.fna	Campylobacter	Proteobacteria
1361	GCA_001951235.1_ASM195123v1_genomic.fna	Campylobacter	Proteobacteria
1362	GCA_000978785.2_ASM97878v2_genomic.fna	Francisella	Proteobacteria
1363	GCA_001640925.1_ASM164092v1_genomic.fna	Staphylococcus	Firmicutes
1364	GCA_002079285.1_ASM207928v1_genomic.fna	Lactobacillus	Firmicutes
1365	GCA_000973605.1_ASM97360v1_genomic.fna	Bacillus	Firmicutes
1366	GCA_002117165.1_ASM211716v1_genomic.fna	Bacillus	Firmicutes
1367	GCA_001641025.1_ASM164102v1_genomic.fna	Staphylococcus	Firmicutes
1368	GCA_001951295.1_ASM195129v1_genomic.fna	Campylobacter	Proteobacteria
1369	GCA_000286735.1_ASM28673v1_genomic.fna	Mycoplasma	Tenericutes
1370	GCA_002028365.1_ASM202836v1_genomic.fna	Lactobacillus	Firmicutes
1371	GCA_001951275.1_ASM195127v1_genomic.fna	Campylobacter	Proteobacteria
1372	GCA_001417865.2_ASM141786v2_genomic.fna	Serratia	Proteobacteria
1373	GCA_001656045.1_ASM165604v1_genomic.fna	Staphylococcus	Firmicutes
1374	GCA_002138395.1_ASM213839v1_genomic.fna	Lactobacillus	Firmicutes
1375	GCA_002095995.1_ASM209599v1_genomic.fna	Mycoplasma	Tenericutes
1376	GCA_002090315.1_ASM209031v1_genomic.fna	Mycoplasma	Tenericutes
1377	GCA_002024845.1_ASM202484v1_genomic.fna	Lactobacillus	Firmicutes
1378	GCA_001483845.1_ASM148384v1_genomic.fna	Campylobacter	Proteobacteria
1379	GCA_002105595.1_ASM210559v1_genomic.fna	Bacillus	Firmicutes
1380	GCA_002213645.1_ASM221364v1_genomic.fna	Listeria	Firmicutes
1381	GCA_001611935.1_ASM161193v1_genomic.fna	Mycoplasma	Tenericutes
1382	GCA_001548175.1_ASM154817v1_genomic.fna	Bacillus	Firmicutes
1383	GCA_001656075.1_ASM165607v1_genomic.fna	Staphylococcus	Firmicutes
1384	GCA_002213685.1_ASM221368v1_genomic.fna	Listeria	Firmicutes
1385	GCA_002009375.1_ASM200937v1_genomic.fna	Leuconostoc	Firmicutes
1386	GCA_002213665.1_ASM221366v1_genomic.fna	Listeria	Firmicutes
1387	GCA_000931425.1_ASM93142v1_genomic.fna	Lactobacillus	Firmicutes
1388	GCA_001015095.1_ASM101509v1_genomic.fna	Bacillus	Firmicutes
1389	GCA_001011135.1_ASM101113v1_genomic.fna	Francisella	Proteobacteria
1390	GCA_000733995.1_ASM73399v1_genomic.fna	Mycoplasma	Tenericutes
1391	GCA_000875715.1_ASM87571v1_genomic.fna	Bacillus	Firmicutes

1392	GCA_001014305.1_ASM101430v1_genomic.fna	Streptococcus	Firmicutes
1393	GCA_001518735.1_ASM151873v1_genomic.fna	Enterococcus	Firmicutes
1394	GCA_001255215.1_S_pneumo_A66_v1_genomic.fna	Streptococcus	Firmicutes
1395	GCA_000508265.1_ASM50826v1_genomic.fna	Bacillus	Firmicutes
1396	GCA_001951315.1_ASM195131v1_genomic.fna	Campylobacter	Proteobacteria
1397	GCA_001988935.1_ASM198893v1_genomic.fna	Lactobacillus	Firmicutes
1398	GCA_002025005.1_ASM202500v1_genomic.fna	Streptococcus	Firmicutes
1399	GCA_002688665.1_ASM268866v1_genomic.fna	Streptococcus	Firmicutes
1400	GCA_001951335.1_ASM195133v1_genomic.fna	Campylobacter	Proteobacteria
1401	GCA_000742975.1_ASM74297v1_genomic.fna	Enterococcus	Firmicutes
1402	GCA_000019545.1_ASM1954v1_genomic.fna	Clostridium	Firmicutes
1403	GCA_000245495.1_ASM24549v1_genomic.fna	Staphylococcus	Firmicutes
1404	GCA_000363905.1_ASM36390v1_genomic.fna	Rickettsia	Proteobacteria
1405	GCA_000835285.1_ASM83528v1_genomic.fna	Campylobacter	Proteobacteria
1406	GCA_000835305.1_ASM83530v1_genomic.fna	Campylobacter	Proteobacteria
1407	GCA_000253135.1_ASM25313v1_genomic.fna	Staphylococcus	Firmicutes
1408	GCA_001554055.1_ASM155405v1_genomic.fna	Mycoplasma	Tenericutes
1409	GCA_002192435.1_ASM219243v1_genomic.fna	Lactobacillus	Firmicutes
1410	GCA_000438605.1_ASM43860v1_genomic.fna	Listeria	Firmicutes
1411	GCA_002078955.1_ASM207895v1_genomic.fna	Lactococcus	Firmicutes
1412	GCA_001635915.1_ASM163591v1_genomic.fna	Bacillus	Firmicutes
1413	GCA_002151505.1_ASM215150v1_genomic.fna	Borrelia	Spirochaetes
1414	GCA_000829055.1_ASM82905v1_genomic.fna	Lactobacillus	Firmicutes
1415	GCA_000321395.1_ASM32139v1_genomic.fna	Bacillus	Firmicutes
1416	GCA_001572745.1_ASM157274v1_genomic.fna	Coxiella	Proteobacteria
1417	GCA_002073735.1_ASM207373v1_genomic.fna	Clostridioides	Firmicutes
1418	GCA_001019635.1_ASM101963v1_genomic.fna	Streptococcus	Firmicutes
1419	GCA_000967135.1_CfV_genomic.fna	Campylobacter	Proteobacteria
1420	GCA_001543225.1_ASM154322v1_genomic.fna	Bacillus	Firmicutes
1421	GCA_001457635.1_NCTC7465_genomic.fna	Streptococcus	Firmicutes
1422	GCA_001888945.1_ASM188894v1_genomic.fna	Lactobacillus	Firmicutes
1423	GCA_002736265.1_ASM273626v1_genomic.fna	Streptococcus	Firmicutes
1424	GCA_000438625.1_ASM43862v1_genomic.fna	Listeria	Firmicutes
1425	GCA_001635955.1_ASM163595v1_genomic.fna	Bacillus	Firmicutes

1426	GCA_000831525.1_ASM83152v1_genomic.fna	Rickettsia	Proteobacteria
1427	GCA_002078975.1_ASM207897v1_genomic.fna	Lactococcus	Firmicutes
1428	GCA_001006025.1_ASM100602v1_genomic.fna	Lactobacillus	Firmicutes
1429	GCA_002094955.1_ASM209495v1_genomic.fna	Streptococcus	Firmicutes
1430	GCA_000292705.1_ASM29270v1_genomic.fna	Bacillus	Firmicutes
1431	GCA_002025025.1_ASM202502v1_genomic.fna	Streptococcus	Firmicutes
1432	GCA_000017785.1_ASM1778v1_genomic.fna	Francisella	Proteobacteria
1433	GCA_001548215.1_ASM154821v1_genomic.fna	Bacillus	Firmicutes
1434	GCA_001618905.1_ASM161890v1_genomic.fna	Lactobacillus	Firmicutes
1435	GCA_000971665.1_ASM97166v1_genomic.fna	Streptococcus	Firmicutes
1436	GCA_002074135.1_ASM207413v1_genomic.fna	Bacillus	Firmicutes
1437	GCA_000689235.1_GBCO_p1_genomic.fna	Streptococcus	Firmicutes
1438	GCA_001296165.1_ASM129616v1_genomic.fna	Fusobacterium	Fusobacteria
1439	GCA_000583105.1_ASM58310v1_genomic.fna	Bacillus	Firmicutes
1440	GCA_000231865.1_ASM23186v1_genomic.fna	Streptococcus	Firmicutes
1441	GCA_002213705.1_ASM221370v1_genomic.fna	Listeria	Firmicutes
1442	GCA_001725965.1_ASM172596v1_genomic.fna	Staphylococcus	Firmicutes
1443	GCA_001880265.1_ASM188026v1_genomic.fna	Staphylococcus	Firmicutes
1444	GCA_002213745.1_ASM221374v1_genomic.fna	Listeria	Firmicutes
1445	GCA_002213725.1_ASM221372v1_genomic.fna	Listeria	Firmicutes
1446	GCA_002024325.1_ASM202432v1_genomic.fna	Campylobacter	Proteobacteria
1447	GCA_001879545.1_ASM187954v1_genomic.fna	Staphylococcus	Firmicutes
1448	GCA_002028305.1_ASM202830v1_genomic.fna	Campylobacter	Proteobacteria
1449	GCA_001887075.1_ASM188707v1_genomic.fna	Staphylococcus	Firmicutes
1450	GCA_002213765.1_ASM221376v1_genomic.fna	Listeria	Firmicutes
1451	GCA_001262115.1_ASM126211v1_genomic.fna	Francisella	Proteobacteria
1452	GCA_001037985.1_ASM103798v1_genomic.fna	Bacillus	Firmicutes
1453	GCA_002101355.1_ASM210135v1_genomic.fna	Campylobacter	Proteobacteria
1454	GCA_001900185.1_ASM190018v1_genomic.fna	Staphylococcus	Firmicutes
1455	GCA_002209005.1_ASM220900v1_genomic.fna	Campylobacter	Proteobacteria
1456	GCA_001595725.1_ASM159572v1_genomic.fna	Bacillus	Firmicutes
1457	GCA_002213785.1_ASM221378v1_genomic.fna	Listeria	Firmicutes
1458	GCA_002213825.1_ASM221382v1_genomic.fna	Listeria	Firmicutes
1459	GCA_002109425.1_ASM210942v1_genomic.fna	Lactobacillus	Firmicutes

1460 GCA_001956815.1_ASM195681v1_genomic.fna
 1461 GCA_002096015.1_ASM209601v1_genomic.fna
 1462 GCA_002213805.1_ASM221380v1_genomic.fna
 1463 GCA_002109405.1_ASM210940v1_genomic.fna
 1464 GCA_002209025.1_ASM220902v1_genomic.fna
 1465 GCA_002157265.1_ASM215726v1_genomic.fna
 1466 GCA_001956755.1_ASM195675v1_genomic.fna
 1467 GCA_002192235.1_ASM219223v1_genomic.fna
 1468 GCA_002209045.1_ASM220904v1_genomic.fna
 1469 GCA_001975005.1_ASM197500v1_genomic.fna
 1470 GCA_000019265.1_ASM1926v1_genomic.fna
 1471 GCA_002213845.1_ASM221384v1_genomic.fna
 1472 GCA_001598095.1_ASM159809v1_genomic.fna
 1473 GCA_002096035.1_ASM209603v1_genomic.fna
 1474 GCA_001465815.1_ASM146581v1_genomic.fna
 1475 GCA_001267475.1_ASM126747v1_genomic.fna
 1476 GCA_000438645.1_ASM43864v1_genomic.fna
 1477 GCA_000012165.1_ASM1216v1_genomic.fna
 1478 GCA_002209065.1_ASM220906v1_genomic.fna
 1479 GCA_002073695.1_ASM207369v1_genomic.fna
 1480 GCA_001896045.1_ASM189604v1_genomic.fna
 1481 GCA_002214785.1_ASM221478v1_genomic.fna
 1482 GCA_000225465.1_ASM22546v1_genomic.fna
 1483 GCA_001654475.1_ASM165447v1_genomic.fna
 1484 GCA_002213865.1_ASM221386v1_genomic.fna
 1485 GCA_001019675.1_ASM101967v1_genomic.fna
 1486 GCA_001975045.1_ASM197504v1_genomic.fna
 1487 GCA_002224325.1_ASM222432v1_genomic.fna
 1488 GCA_000296595.1_ASM29659v1_genomic.fna
 1489 GCA_002224385.1_ASM222438v1_genomic.fna
 1490 GCA_000148705.1_ASM14870v1_genomic.fna
 1491 GCA_002213905.1_ASM221390v1_genomic.fna
 1492 GCA_001721145.1_ASM172114v1_genomic.fna
 1493 GCA_002000565.1_ASM200056v1_genomic.fna

Staphylococcus	Firmicutes
Mycoplasma	Tenericutes
Listeria	Firmicutes
Lactobacillus	Firmicutes
Campylobacter	Proteobacteria
Bacillus	Firmicutes
Staphylococcus	Firmicutes
Bacillus	Firmicutes
Campylobacter	Proteobacteria
Staphylococcus	Firmicutes
Streptococcus	Firmicutes
Listeria	Firmicutes
Bacillus	Firmicutes
Mycoplasma	Tenericutes
Bacillus	Firmicutes
Francisella	Proteobacteria
Listeria	Firmicutes
Streptococcus	Firmicutes
Campylobacter	Proteobacteria
Streptococcus	Firmicutes
Streptococcus	Firmicutes
Campylobacter	Proteobacteria
Buchnera	Proteobacteria
Bacillus	Firmicutes
Listeria	Firmicutes
Streptococcus	Firmicutes
Staphylococcus	Firmicutes
Campylobacter	Proteobacteria
Staphylococcus	Firmicutes
Campylobacter	Proteobacteria
Campylobacter	Proteobacteria
Listeria	Firmicutes
Bacillus	Firmicutes
Staphylococcus	Firmicutes

1494	GCA_002078995.1_ASM207899v1_genomic.fna	Lactococcus	Firmicutes
1495	GCA_000168595.2_ASM16859v2_genomic.fna	Listeria	Firmicutes
1496	GCA_001635995.1_ASM163599v1_genomic.fna	Bacillus	Firmicutes
1497	GCA_002312985.1_ASM231298v1_genomic.fna	Clostridium	Firmicutes
1498	GCA_002213885.1_ASM221388v1_genomic.fna	Listeria	Firmicutes
1499	GCA_000021785.1_ASM2178v1_genomic.fna	Bacillus	Firmicutes
1500	GCA_000312685.1_ASM31268v1_genomic.fna	Lactococcus	Firmicutes
1501	GCA_000284535.1_ASM28453v1_genomic.fna	Staphylococcus	Firmicutes
1502	GCA_900086615.1_BPH0662_genomic.fna	Staphylococcus	Firmicutes
1503	GCA_000835345.1_ASM83534v1_genomic.fna	Campylobacter	Proteobacteria
1504	GCA_001986135.1_ASM198613v1_genomic.fna	Staphylococcus	Firmicutes
1505	GCA_000011265.1_ASM1126v1_genomic.fna	Staphylococcus	Firmicutes
1506	GCA_000835365.1_ASM83536v1_genomic.fna	Campylobacter	Proteobacteria
1507	GCA_001019695.1_ASM101969v1_genomic.fna	Streptococcus	Firmicutes
1508	GCA_002355795.1_ASM235579v1_genomic.fna	Clostridium	Firmicutes
1509	GCA_001683065.1_ASM168306v1_genomic.fna	Bacillus	Firmicutes
1510	GCA_002213925.1_ASM221392v1_genomic.fna	Listeria	Firmicutes
1511	GCA_000168635.2_ASM16863v2_genomic.fna	Listeria	Firmicutes
1512	GCA_001896065.1_ASM189606v1_genomic.fna	Streptococcus	Firmicutes
1513	GCA_002197205.1_ASM219720v1_genomic.fna	Streptococcus	Firmicutes
1514	GCA_002000585.1_ASM200058v1_genomic.fna	Staphylococcus	Firmicutes
1515	GCA_000013845.2_ASM1384v2_genomic.fna	Clostridium	Firmicutes
1516	GCA_002148215.1_ASM214821v1_genomic.fna	Lactococcus	Firmicutes
1517	GCA_000171795.2_ASM17179v2_genomic.fna	Campylobacter	Proteobacteria
1518	GCA_000438665.1_ASM43866v1_genomic.fna	Listeria	Firmicutes
1519	GCA_000011505.1_ASM1150v1_genomic.fna	Staphylococcus	Firmicutes
1520	GCA_000344575.1_ASM34457v1_genomic.fna	Lactococcus	Firmicutes
1521	GCA_000022505.1_ASM2250v1_genomic.fna	Bacillus	Firmicutes
1522	GCA_001729565.1_ASM172956v1_genomic.fna	Francisella	Proteobacteria
1523	GCA_001534785.1_ASM153478v1_genomic.fna	Bacillus	Firmicutes
1524	GCA_000013485.1_ASM1348v1_genomic.fna	Streptococcus	Firmicutes
1525	GCA_000019825.1_ASM1982v1_genomic.fna	Streptococcus	Firmicutes
1526	GCA_002127985.1_ASM212798v1_genomic.fna	Mycoplasma	Tenericutes
1527	GCA_000009605.1_ASM960v1_genomic.fna	Buchnera	Proteobacteria

1528 GCA_000011485.1_ASM1148v1_genomic.fna
 1529 GCA_002238355.1_ASM223835v1_genomic.fna
 1530 GCA_002234455.1_ASM223445v1_genomic.fna
 1531 GCA_002000605.1_ASM200060v1_genomic.fna
 1532 GCA_001618665.1_ASM161866v1_genomic.fna
 1533 GCA_001280225.1_ASM128022v1_genomic.fna
 1534 GCA_002073515.1_ASM207351v1_genomic.fna
 1535 GCA_002117245.1_ASM211724v1_genomic.fna
 1536 GCA_002128005.1_ASM212800v1_genomic.fna
 1537 GCA_000231885.1_ASM23188v1_genomic.fna
 1538 GCA_001541905.1_ASM154190v1_genomic.fna
 1539 GCA_000008445.1_ASM844v1_genomic.fna
 1540 GCA_000196055.1_ASM19605v1_genomic.fna
 1541 GCA_000162235.2_ASM16223v2_genomic.fna
 1542 GCA_000014365.1_ASM1436v1_genomic.fna
 1543 GCA_000007425.1_ASM742v1_genomic.fna
 1544 GCA_001433955.1_ASM143395v1_genomic.fna
 1545 GCA_002116955.1_ASM211695v1_genomic.fna
 1546 GCA_000730215.2_ASM73021v2_genomic.fna
 1547 GCA_002205715.1_ASM220571v1_genomic.fna
 1548 GCA_000725325.1_ASM72532v1_genomic.fna
 1549 GCA_002216755.1_ASM221675v1_genomic.fna
 1550 GCA_001640965.1_ASM164096v1_genomic.fna
 1551 GCA_001008015.1_ASM100801v1_genomic.fna
 1552 GCA_001578165.1_ASM157816v1_genomic.fna
 1553 GCA_001688685.2_ASM168868v2_genomic.fna
 1554 GCA_002197245.1_ASM219724v1_genomic.fna
 1555 GCA_001896085.1_ASM189608v1_genomic.fna
 1556 GCA_001683095.1_ASM168309v1_genomic.fna
 1557 GCA_000011845.1_ASM1184v1_genomic.fna
 1558 GCA_001596055.1_ASM159605v1_genomic.fna
 1559 GCA_000026725.1_ASM2672v1_genomic.fna
 1560 GCA_000008405.1_ASM840v1_genomic.fna
 1561 GCA_002173615.1_ASM217361v1_genomic.fna

Prochlorococcus	Cyanobacteria
Campylobacter	Proteobacteria
Campylobacter	Proteobacteria
Staphylococcus	Firmicutes
Bacillus	Firmicutes
Buchnera	Proteobacteria
Streptococcus	Firmicutes
Lactobacillus	Firmicutes
Mycoplasma	Tenericutes
Streptococcus	Firmicutes
Bacillus	Firmicutes
Bacillus	Firmicutes
Streptococcus	Firmicutes
Fusobacterium	Fusobacteria
Streptococcus	Firmicutes
Streptococcus	Firmicutes
Fusobacterium	Fusobacteria
Lactobacillus	Firmicutes
Streptococcus	Firmicutes
Bacillus	Firmicutes
Bacillus	Firmicutes
Bacillus	Firmicutes
Bacillus	Firmicutes
Streptococcus	Firmicutes
Bacillus	Firmicutes
Lactobacillus	Firmicutes
Streptococcus	Firmicutes
Streptococcus	Firmicutes
Bacillus	Firmicutes
Streptococcus	Firmicutes
Bacillus	Firmicutes
Streptococcus	Firmicutes
Mycoplasma	Tenericutes
Bacillus	Firmicutes

1562	GCA_001729585.1_ASM172958v1_genomic.fna	Francisella	Proteobacteria
1563	GCA_002094975.1_ASM209497v1_genomic.fna	Streptococcus	Firmicutes
1564	GCA_000018925.1_ASM1892v1_genomic.fna	Francisella	Proteobacteria
1565	GCA_001888965.1_ASM188896v1_genomic.fna	Lactobacillus	Firmicutes
1566	GCA_000292445.1_ASM29244v1_genomic.fna	Mycoplasma	Tenericutes
1567	GCA_000590455.1_ASM59045v1_genomic.fna	Bacillus	Firmicutes
1568	GCA_000159455.2_ASM15945v2_genomic.fna	Lactobacillus	Firmicutes
1569	GCA_000300475.1_ASM30047v1_genomic.fna	Bacillus	Firmicutes
1570	GCA_001020185.2_ASM102018v2_genomic.fna	Streptococcus	Firmicutes
1571	GCA_002094935.1_ASM209493v1_genomic.fna	Coxiella	Proteobacteria
1572	GCA_000338735.1_ASM33873v1_genomic.fna	Bacillus	Firmicutes
1573	GCA_002192215.1_ASM219221v1_genomic.fna	Lactobacillus	Firmicutes
1574	GCA_001702095.1_ASM170209v1_genomic.fna	Lactobacillus	Firmicutes
1575	GCA_000831545.1_ASM83154v1_genomic.fna	Rickettsia	Proteobacteria
1576	GCA_002356135.1_ASM235613v1_genomic.fna	Lactobacillus	Firmicutes
1577	GCA_000182835.1_ASM18283v1_genomic.fna	Lactobacillus	Firmicutes
1578	GCA_000009325.1_ASM932v1_genomic.fna	Francisella	Proteobacteria
1579	GCA_000253335.1_ASM25333v1_genomic.fna	Streptococcus	Firmicutes
1580	GCA_002080065.1_ASM208006v1_genomic.fna	Clostridioides	Firmicutes
1581	GCA_000015065.1_ASM1506v1_genomic.fna	Bacillus	Firmicutes
1582	GCA_001484645.1_ASM148464v1_genomic.fna	Campylobacter	Proteobacteria
1583	GCA_000020285.1_ASM2028v1_genomic.fna	Clostridium	Firmicutes
1584	GCA_002442595.1_ASM244259v1_genomic.fna	Borrelia	Spirochaetes
1585	GCA_001598635.1_ASM159863v1_genomic.fna	Enterococcus	Firmicutes
1586	GCA_000194765.1_ASM19476v1_genomic.fna	Lactobacillus	Firmicutes
1587	GCA_000018745.1_ASM1874v1_genomic.fna	Coxiella	Proteobacteria
1588	GCA_000210435.1_ASM21043v1_genomic.fna	Clostridioides	Firmicutes
1589	GCA_001560895.1_ASM156089v1_genomic.fna	Streptococcus	Firmicutes
1590	GCA_000015085.1_ASM1508v1_genomic.fna	Campylobacter	Proteobacteria
1591	GCA_000367405.1_ASM36740v1_genomic.fna	Rickettsia	Proteobacteria
1592	GCA_000835085.1_ASM83508v1_genomic.fna	Mycoplasma	Tenericutes
1593	GCA_001554075.1_ASM155407v1_genomic.fna	Mycoplasma	Tenericutes
1594	GCA_002078315.1_ASM207831v1_genomic.fna	Rickettsia	Proteobacteria
1595	GCA_002355575.1_ASM235557v1_genomic.fna	Lactococcus	Firmicutes

1596 GCA_000741005.1_ASM74100v1_genomic.fna
 1597 GCA_000283775.1_ASM28377v1_genomic.fna
 1598 GCA_000165775.3_ASM16577v3_genomic.fna
 1599 GCA_000186745.1_ASM18674v1_genomic.fna
 1600 GCA_001902295.1_ASM190229v1_genomic.fna
 1601 GCA_000397165.1_ASM39716v1_genomic.fna
 1602 GCA_000063585.1_ASM6358v1_genomic.fna
 1603 GCA_000023685.1_ASM2368v1_genomic.fna
 1604 GCA_000166635.2_ASM16663v1_genomic.fna
 1605 GCA_000277165.1_ASM27716v1_genomic.fna
 1606 GCA_000172575.2_ASM17257v2_genomic.fna
 1607 GCA_000382965.1_ASM38296v1_genomic.fna
 1608 GCA_000934305.1_ASM93430v1_genomic.fna
 1609 GCA_000438685.2_ASM43868v2_genomic.fna
 1610 GCA_001880305.1_ASM188030v1_genomic.fna
 1611 GCA_900088425.1_A12_genomic.fna
 1612 GCA_001299565.1_ASM129956v1_genomic.fna
 1613 GCA_000382985.1_ASM38298v1_genomic.fna
 1614 GCA_001941885.1_ASM194188v1_genomic.fna
 1615 GCA_000438705.2_ASM43870v2_genomic.fna
 1616 GCA_001729605.1_ASM172960v1_genomic.fna
 1617 GCA_001685565.1_ASM168556v1_genomic.fna
 1618 GCA_001021955.1_ASM102195v1_genomic.fna
 1619 GCA_001683135.1_ASM168313v1_genomic.fna
 1620 GCA_001902455.1_ASM190245v1_genomic.fna
 1621 GCA_002197265.1_ASM219726v1_genomic.fna
 1622 GCA_002117285.1_ASM211728v1_genomic.fna
 1623 GCA_002238395.1_ASM223839v1_genomic.fna
 1624 GCA_000833005.1_ASM83300v1_genomic.fna
 1625 GCA_001565875.1_ASM156587v1_genomic.fna
 1626 GCA_001587115.1_ASM158711v1_genomic.fna
 1627 GCA_002128025.1_ASM212802v1_genomic.fna
 1628 GCA_002117265.1_ASM211726v1_genomic.fna
 1629 GCA_002076955.1_ASM207695v1_genomic.fna

Borrelia	Spirochaetes
Rickettsia	Proteobacteria
Lactobacillus	Firmicutes
Bacillus	Firmicutes
Clostridium	Firmicutes
Lactobacillus	Firmicutes
Clostridium	Firmicutes
Mycoplasma	Tenericutes
Borrelia	Spirochaetes
Rickettsia	Proteobacteria
Enterococcus	Firmicutes
Staphylococcus	Firmicutes
Campylobacter	Proteobacteria
Listeria	Firmicutes
Bacillus	Firmicutes
Lactococcus	Firmicutes
Campylobacter	Proteobacteria
Staphylococcus	Firmicutes
Bacillus	Firmicutes
Listeria	Firmicutes
Francisella	Proteobacteria
Bacillus	Firmicutes
Streptococcus	Firmicutes
Bacillus	Firmicutes
Streptococcus	Firmicutes
Streptococcus	Firmicutes
Lactobacillus	Firmicutes
Bacillus	Firmicutes
Bacillus	Firmicutes
Bacillus	Firmicutes
Enterococcus	Firmicutes
Mycoplasma	Tenericutes
Lactobacillus	Firmicutes
Lactobacillus	Firmicutes

1630 GCA_002237515.1_ASM223751v1_genomic.fna
 1631 GCA_001672055.1_ASM167205v1_genomic.fna
 1632 GCA_000286755.1_ASM28675v1_genomic.fna
 1633 GCA_002173555.1_ASM217355v1_genomic.fna
 1634 GCA_002128045.1_ASM212804v1_genomic.fna
 1635 GCA_001272715.1_ASM127271v1_genomic.fna
 1636 GCA_001597265.1_ASM159726v1_genomic.fna
 1637 GCA_002117185.1_ASM211718v1_genomic.fna
 1638 GCA_001865695.1_ASM186569v1_genomic.fna
 1639 GCA_001272315.2_ASM127231v2_genomic.fna
 1640 GCA_001692675.1_ASM169267v1_genomic.fna
 1641 GCA_000438725.2_ASM43872v2_genomic.fna
 1642 GCA_001941905.1_ASM194190v1_genomic.fna
 1643 GCA_000188715.1_ASM18871v1_genomic.fna
 1644 GCA_002009275.1_ASM200927v1_genomic.fna
 1645 GCA_002197285.1_ASM219728v1_genomic.fna
 1646 GCA_001639125.1_ASM163912v1_genomic.fna
 1647 GCA_001683155.1_ASM168315v1_genomic.fna
 1648 GCA_002357995.1_ASM235799v1_genomic.fna
 1649 GCA_001023495.1_ASM102349v1_genomic.fna
 1650 GCA_001941925.1_ASM194192v1_genomic.fna
 1651 GCA_000438745.2_ASM43874v2_genomic.fna
 1652 GCA_002357235.1_ASM235723v1_genomic.fna
 1653 GCA_000742855.1_ASM74285v1_genomic.fna
 1654 GCA_000336405.1_ASM33640v1_genomic.fna
 1655 GCA_000271865.1_ASM27186v1_genomic.fna
 1656 GCA_000204275.1_ASM20427v1_genomic.fna
 1657 GCA_000300045.1_ASM30004v1_genomic.fna
 1658 GCA_000383005.1_ASM38300v1_genomic.fna
 1659 GCA_002257625.1_ASM225762v1_genomic.fna
 1660 GCA_001299595.1_ASM129959v1_genomic.fna
 1661 GCA_001314285.1_ASM131428v1_genomic.fna
 1662 GCA_000412775.1_ASM41277v1_genomic.fna
 1663 GCA_002357255.1_ASM235725v1_genomic.fna

Bacillus	Firmicutes
Serratia	Proteobacteria
Mycoplasma	Tenericutes
Lactobacillus	Firmicutes
Mycoplasma	Tenericutes
Mycoplasma	Tenericutes
Bacillus	Firmicutes
Leuconostoc	Firmicutes
Francisella	Proteobacteria
Lactobacillus	Firmicutes
Bacillus	Firmicutes
Listeria	Firmicutes
Bacillus	Firmicutes
Streptococcus	Firmicutes
Mycoplasma	Tenericutes
Streptococcus	Firmicutes
Campylobacter	Proteobacteria
Bacillus	Firmicutes
Streptococcus	Firmicutes
Streptococcus	Firmicutes
Bacillus	Firmicutes
Listeria	Firmicutes
Rickettsia	Proteobacteria
Bacillus	Firmicutes
Enterococcus	Firmicutes
Streptococcus	Firmicutes
Bacillus	Firmicutes
Borrelia	Spirochaetes
Staphylococcus	Firmicutes
Lactobacillus	Firmicutes
Campylobacter	Proteobacteria
Campylobacter	Proteobacteria
Staphylococcus	Firmicutes
Rickettsia	Proteobacteria

1664	GCA_001721165.1_ASM172116v1_genomic.fna	Bacillus	Firmicutes
1665	GCA_000026525.1_ASM2652v1_genomic.fna	Lactobacillus	Firmicutes
1666	GCA_000833215.1_ASM83321v1_genomic.fna	Francisella	Proteobacteria
1667	GCA_001880245.1_ASM188024v1_genomic.fna	Francisella	Proteobacteria
1668	GCA_000026585.1_ASM2658v1_genomic.fna	Streptococcus	Firmicutes
1669	GCA_000583065.1_ASM58306v1_genomic.fna	Bacillus	Firmicutes
1670	GCA_001039695.2_emm89-1_genomic.fna	Streptococcus	Firmicutes
1671	GCA_001683175.1_ASM168317v1_genomic.fna	Bacillus	Firmicutes
1672	GCA_000685725.1_ASM68572v1_genomic.fna	Bacillus	Firmicutes
1673	GCA_002197305.1_ASM219730v1_genomic.fna	Streptococcus	Firmicutes
1674	GCA_001679705.1_ASM167970v1_genomic.fna	Clostridium	Firmicutes
1675	GCA_002117305.1_ASM211730v1_genomic.fna	Lactobacillus	Firmicutes
1676	GCA_000403625.1_ASM40362v1_genomic.fna	Streptococcus	Firmicutes
1677	GCA_002243325.2_ASM224332v2_genomic.fna	Bacillus	Firmicutes
1678	GCA_002310315.1_ASM231031v1_genomic.fna	Bacillus	Firmicutes
1679	GCA_001281105.1_ASM128110v1_genomic.fna	Streptococcus	Firmicutes
1680	GCA_000025805.1_ASM2580v1_genomic.fna	Bacillus	Firmicutes
1681	GCA_001604995.1_ASM160499v1_genomic.fna	Bacillus	Firmicutes
1682	GCA_002128065.1_ASM212806v1_genomic.fna	Mycoplasma	Tenericutes
1683	GCA_002442835.1_ASM244283v1_genomic.fna	Lactobacillus	Firmicutes
1684	GCA_001717605.1_ASM171760v1_genomic.fna	Campylobacter	Proteobacteria
1685	GCA_000286775.1_ASM28677v1_genomic.fna	Mycoplasma	Tenericutes
1686	GCA_002220515.1_ASM222051v1_genomic.fna	Serratia	Proteobacteria
1687	GCA_002174235.1_ASM217423v1_genomic.fna	Lactobacillus	Firmicutes
1688	GCA_000512955.1_ASM51295v1_genomic.fna	Leuconostoc	Firmicutes
1689	GCA_000283755.1_ASM28375v1_genomic.fna	Mycoplasma	Tenericutes
1690	GCA_002287905.1_ASM228790v1_genomic.fna	Lactobacillus	Firmicutes
1691	GCA_000218855.1_ASM21885v1_genomic.fna	Clostridium	Firmicutes
1692	GCA_002173655.1_ASM217365v1_genomic.fna	Lactobacillus	Firmicutes
1693	GCA_002128085.1_ASM212808v1_genomic.fna	Mycoplasma	Tenericutes
1694	GCA_001272735.1_ASM127273v1_genomic.fna	Mycoplasma	Tenericutes
1695	GCA_002158925.1_ASM215892v1_genomic.fna	Lactobacillus	Firmicutes
1696	GCA_000336425.1_ASM33642v1_genomic.fna	Serratia	Proteobacteria
1697	GCA_001676805.1_ASM167680v1_genomic.fna	Lactobacillus	Firmicutes

1698	GCA_001411765.2_ASM141176v2_genomic.fna	Pediococcus	Firmicutes
1699	GCA_000148815.2_ASM14881v1_genomic.fna	Lactobacillus	Firmicutes
1700	GCA_000934625.1_ASM93462v1_genomic.fna	Lactobacillus	Firmicutes
1701	GCA_002148235.1_ASM214823v1_genomic.fna	Leuconostoc	Firmicutes
1702	GCA_001278015.1_ASM127801v1_genomic.fna	Lactobacillus	Firmicutes
1703	GCA_001635875.1_ASM163587v1_genomic.fna	Enterococcus	Firmicutes
1704	GCA_000835145.1_ASM83514v1_genomic.fna	Bacillus	Firmicutes
1705	GCA_001689055.2_ASM168905v2_genomic.fna	Enterococcus	Firmicutes
1706	GCA_000506785.3_ASM50678v3_genomic.fna	Clostridium	Firmicutes
1707	GCA_000270525.1_ASM27052v1_genomic.fna	Mycoplasma	Tenericutes
1708	GCA_000816365.1_ASM81636v1_genomic.fna	Campylobacter	Proteobacteria
1709	GCA_000494775.1_ASM49477v1_genomic.fna	Campylobacter	Proteobacteria
1710	GCA_002504365.1_ASM250436v1_genomic.fna	Mesoplasma	Tenericutes
1711	GCA_000025385.1_ASM2538v1_genomic.fna	Mycoplasma	Tenericutes
1712	GCA_000217835.1_ASM21783v1_genomic.fna	Bacillus	Firmicutes
1713	GCA_001558275.1_ASM155827v1_genomic.fna	Staphylococcus	Firmicutes
1714	GCA_000763475.1_ASM76347v1_genomic.fna	Listeria	Firmicutes
1715	GCA_002250115.1_ASM225011v1_genomic.fna	Bacillus	Firmicutes
1716	GCA_000758365.1_ASM75836v1_genomic.fna	Lactobacillus	Firmicutes
1717	GCA_000020345.1_ASM2034v1_genomic.fna	Clostridium	Firmicutes
1718	GCA_002220115.1_ASM222011v1_genomic.fna	Streptococcus	Firmicutes
1719	GCA_001598075.1_ASM159807v1_genomic.fna	Lysinibacillus	Firmicutes
1720	GCA_000284355.1_ASM28435v1_genomic.fna	Arcobacter	Proteobacteria
1721	GCA_002250035.1_ASM225003v1_genomic.fna	Lactobacillus	Firmicutes
1722	GCA_000277305.1_ASM27730v1_genomic.fna	Rickettsia	Proteobacteria
1723	GCA_000204985.1_ASM20498v1_genomic.fna	Lactobacillus	Firmicutes
1724	GCA_001646605.1_ASM164660v1_genomic.fna	Clostridium	Firmicutes
1725	GCA_002197325.1_ASM219732v1_genomic.fna	Streptococcus	Firmicutes
1726	GCA_001660525.1_ASM166052v1_genomic.fna	Bacillus	Firmicutes
1727	GCA_002025105.1_ASM202510v1_genomic.fna	Bacillus	Firmicutes
1728	GCA_000513595.1_ASM51359v1_genomic.fna	Listeria	Firmicutes
1729	GCA_002000005.1_ASM200000v1_genomic.fna	Bacillus	Firmicutes
1730	GCA_000418345.1_ASM41834v1_genomic.fna	Staphylococcus	Firmicutes
1731	GCA_001683195.1_ASM168319v1_genomic.fna	Bacillus	Firmicutes

1732 GCA_001051095.1_ASM105109v1_genomic.fna
 1733 GCA_001412295.1_ASM141229v1_genomic.fna
 1734 GCA_001457695.1_NCTC11351_genomic.fna
 1735 GCA_000452385.2_ASM45238v2_genomic.fna
 1736 GCA_002214705.1_ASM221470v1_genomic.fna
 1737 GCA_000513615.1_ASM51361v1_genomic.fna
 1738 GCA_001697265.1_ASM169726v1_genomic.fna
 1739 GCA_002109345.1_ASM210934v1_genomic.fna
 1740 GCA_002119445.1_ASM211944v1_genomic.fna
 1741 GCA_002234355.1_ASM223435v1_genomic.fna
 1742 GCA_001267805.1_ASM126780v1_genomic.fna
 1743 GCA_001602215.1_ASM160221v1_genomic.fna
 1744 GCA_001683215.1_ASM168321v1_genomic.fna
 1745 GCA_001554155.1_ASM155415v1_genomic.fna
 1746 GCA_002197365.1_ASM219736v1_genomic.fna
 1747 GCA_001950995.1_ASM195099v1_genomic.fna
 1748 GCA_001746265.2_ASM174626v2_genomic.fna
 1749 GCA_000344745.1_ASM34474v1_genomic.fna
 1750 GCA_002205775.2_ASM220577v2_genomic.fna
 1751 GCA_002128125.1_ASM212812v1_genomic.fna
 1752 GCA_000306745.1_ASM30674v1_genomic.fna
 1753 GCA_001686885.1_ASM168688v1_genomic.fna
 1754 GCA_001888985.1_ASM188898v1_genomic.fna
 1755 GCA_002128105.1_ASM212810v1_genomic.fna
 1756 GCA_002174195.1_ASM217419v1_genomic.fna
 1757 GCA_000023305.1_ASM2330v1_genomic.fna
 1758 GCA_002327165.1_ASM232716v1_genomic.fna
 1759 GCA_000231905.1_ASM23190v1_genomic.fna
 1760 GCA_002197385.1_ASM219738v1_genomic.fna
 1761 GCA_001700735.1_ASM170073v1_genomic.fna
 1762 GCA_001703495.1_ASM170349v1_genomic.fna
 1763 GCA_001280285.1_ASM128028v1_genomic.fna
 1764 GCA_002173675.1_ASM217367v1_genomic.fna
 1765 GCA_002173755.1_ASM217375v1_genomic.fna

Streptococcus	Firmicutes
Campylobacter	Proteobacteria
Campylobacter	Proteobacteria
Staphylococcus	Firmicutes
Bacillus	Firmicutes
Listeria	Firmicutes
Bacillus	Firmicutes
Coxiella	Proteobacteria
Bacillus	Firmicutes
Clostridioides	Firmicutes
Streptococcus	Firmicutes
Rickettsia	Proteobacteria
Bacillus	Firmicutes
Mycoplasma	Tenericutes
Streptococcus	Firmicutes
Rickettsia	Proteobacteria
Lactobacillus	Firmicutes
Bacillus	Firmicutes
Lactobacillus	Firmicutes
Mycoplasma	Tenericutes
Bacillus	Firmicutes
Campylobacter	Proteobacteria
Lactobacillus	Firmicutes
Mycoplasma	Tenericutes
Lactobacillus	Firmicutes
Francisella	Proteobacteria
Bacillus	Firmicutes
Streptococcus	Firmicutes
Streptococcus	Firmicutes
Bacillus	Firmicutes
Bacillus	Firmicutes
Streptococcus	Firmicutes
Bacillus	Firmicutes
Bacillus	Firmicutes

1766 GCA_000513635.1_ASM51363v1_genomic.fna
 1767 GCA_002214725.1_ASM221472v1_genomic.fna
 1768 GCA_000462955.1_ASM46295v1_genomic.fna
 1769 GCA_001506185.1_ASM150618v1_genomic.fna
 1770 GCA_002243705.1_ASM224370v1_genomic.fna
 1771 GCA_000742655.1_ASM74265v1_genomic.fna
 1772 GCA_001683235.1_ASM168323v1_genomic.fna
 1773 GCA_001267845.1_ASM126784v1_genomic.fna
 1774 GCA_000730255.1_ASM73025v1_genomic.fna
 1775 GCA_001457555.1_NCTC10562_genomic.fna
 1776 GCA_000019985.1_ASM1998v1_genomic.fna
 1777 GCA_000013505.1_ASM1350v1_genomic.fna
 1778 GCA_000015705.1_ASM1570v1_genomic.fna
 1779 GCA_000168695.2_ASM16869v2_genomic.fna
 1780 GCA_000468955.1_ASM46895v1_genomic.fna
 1781 GCA_002591175.1_ASM259117v1_genomic.fna
 1782 GCA_000155515.2_ASM15551v2_genomic.fna
 1783 GCA_000211295.1_ASM21129v1_genomic.fna
 1784 GCA_000463385.1_ASM46338v1_genomic.fna
 1785 GCA_002250075.1_ASM225007v1_genomic.fna
 1786 GCA_900016785.1_BTsPazieg1.0_genomic.fna
 1787 GCA_001506205.1_ASM150620v1_genomic.fna
 1788 GCA_000463055.1_ASM46305v1_genomic.fna
 1789 GCA_002214765.1_ASM221476v1_genomic.fna
 1790 GCA_000015685.1_ASM1568v1_genomic.fna
 1791 GCA_000513655.1_ASM51365v1_genomic.fna
 1792 GCA_000302555.4_ASM30255v4_genomic.fna
 1793 GCA_002184245.1_ASM218424v1_genomic.fna
 1794 GCA_000012045.1_ASM1204v1_genomic.fna
 1795 GCA_001704095.1_ASM170409v1_genomic.fna
 1796 GCA_002173575.1_ASM217357v1_genomic.fna
 1797 GCA_002386345.1_ASM238634v1_genomic.fna
 1798 GCA_000830075.1_ASM83007v1_genomic.fna
 1799 GCA_001602155.1_ASM160215v1_genomic.fna

Listeria	Firmicutes
Bacillus	Firmicutes
Staphylococcus	Firmicutes
Campylobacter	Proteobacteria
Anoxybacillus	Firmicutes
Bacillus	Firmicutes
Bacillus	Firmicutes
Streptococcus	Firmicutes
Streptococcus	Firmicutes
Fusobacterium	Fusobacteria
Streptococcus	Firmicutes
Streptococcus	Firmicutes
Prochlorococcus	Cyanobacteria
Listeria	Firmicutes
Lactococcus	Firmicutes
Staphylococcus	Firmicutes
Lactobacillus	Firmicutes
Mycoplasma	Tenericutes
Streptococcus	Firmicutes
Thermoanaerobacter	Firmicutes
Buchnera	Proteobacteria
Campylobacter	Proteobacteria
Staphylococcus	Firmicutes
Bacillus	Firmicutes
Prochlorococcus	Cyanobacteria
Listeria	Firmicutes
Campylobacter	Proteobacteria
Bacillus	Firmicutes
Staphylococcus	Firmicutes
Bacillus	Firmicutes
Pediococcus	Firmicutes
Streptococcus	Firmicutes
Bacillus	Firmicutes
Erysipelothrix	Firmicutes

1800	GCA_000143605.1_ASM14360v1_genomic.fna	Bacillus	Firmicutes
1801	GCA_001535565.1_ASM153556v1_genomic.fna	Streptococcus	Firmicutes
1802	GCA_000011525.1_ASM1152v1_genomic.fna	Staphylococcus	Firmicutes
1803	GCA_001683255.1_ASM168325v1_genomic.fna	Bacillus	Firmicutes
1804	GCA_002197425.1_ASM219742v1_genomic.fna	Streptococcus	Firmicutes
1805	GCA_000184205.1_ASM18420v1_genomic.fna	Campylobacter	Proteobacteria
1806	GCA_000015965.1_ASM1596v1_genomic.fna	Prochlorococcus	Cyanobacteria
1807	GCA_001648115.1_ASM164811v1_genomic.fna	Buchnera	Proteobacteria
1808	GCA_000478925.1_ASM47892v1_genomic.fna	Streptococcus	Firmicutes
1809	GCA_001558775.1_ASM155877v1_genomic.fna	Staphylococcus	Firmicutes
1810	GCA_000463445.1_ASM46344v1_genomic.fna	Streptococcus	Firmicutes
1811	GCA_002706375.1_ASM270637v1_genomic.fna	Lactobacillus	Firmicutes
1812	GCA_900186885.1_48903_D01_genomic.fna	Veillonella	Firmicutes
1813	GCA_000239195.1_ASM23919v1_genomic.fna	Bacillus	Firmicutes
1814	GCA_000478255.2_ASM47825v2_genomic.fna	Lactococcus	Firmicutes
1815	GCA_002128145.1_ASM212814v1_genomic.fna	Mycoplasma	Tenericutes
1816	GCA_002220175.1_ASM222017v1_genomic.fna	Lactobacillus	Firmicutes
1817	GCA_000026665.1_ASM2666v1_genomic.fna	Streptococcus	Firmicutes
1818	GCA_002211605.1_ASM221160v1_genomic.fna	Fusobacterium	Fusobacteria
1819	GCA_000782855.1_ASM78285v1_genomic.fna	Streptococcus	Firmicutes
1820	GCA_000742895.1_ASM74289v1_genomic.fna	Bacillus	Firmicutes
1821	GCA_000947915.1_ASM94791v1_genomic.fna	Mycoplasma	Tenericutes
1822	GCA_000296575.1_ASM29657v1_genomic.fna	Brachyspira	Spirochaetes
1823	GCA_000203195.1_ASM20319v1_genomic.fna	Streptococcus	Firmicutes
1824	GCA_000013525.1_ASM1352v1_genomic.fna	Streptococcus	Firmicutes
1825	GCA_002174255.1_ASM217425v1_genomic.fna	Bacillus	Firmicutes
1826	GCA_001514435.1_ASM151443v1_genomic.fna	Streptococcus	Firmicutes
1827	GCA_001704975.1_ASM170497v1_genomic.fna	Bacillus	Firmicutes
1828	GCA_001682335.1_ASM168233v1_genomic.fna	Staphylococcus	Firmicutes
1829	GCA_001536305.1_Leuconostoc_gelidum_subsp._gasicomitatum_KG16-1_genomic.fna	Leuconostoc	Firmicutes
1830	GCA_002706705.1_ASM270670v1_genomic.fna	Lactobacillus	Firmicutes
1831	GCA_001951075.1_ASM195107v1_genomic.fna	Weissella	Firmicutes
1832	GCA_000231925.1_ASM23192v1_genomic.fna	Streptococcus	Firmicutes
1833	GCA_002278015.1_ASM227801v1_genomic.fna	Enterococcus	Firmicutes

1834	GCA_002243535.1_ASM224353v1_genomic.fna	Tetragenococcus	Firmicutes
1835	GCA_002078335.1_ASM207833v1_genomic.fna	Rickettsia	Proteobacteria
1836	GCA_000338755.1_ASM33875v1_genomic.fna	Bacillus	Firmicutes
1837	GCA_001702235.1_ASM170223v1_genomic.fna	Pediococcus	Firmicutes
1838	GCA_002357115.1_ASM235711v1_genomic.fna	Rickettsia	Proteobacteria
1839	GCA_000953575.1_Staphylococcus_xylosus_C2a_genomic.fna	Staphylococcus	Firmicutes
1840	GCA_001611075.1_ASM161107v1_genomic.fna	Pediococcus	Firmicutes
1841	GCA_001698165.1_ASM169816v1_genomic.fna	Lactobacillus	Firmicutes
1842	GCA_002277935.1_ASM227793v1_genomic.fna	Enterococcus	Firmicutes
1843	GCA_002220775.1_ASM222077v1_genomic.fna	Campylobacter	Proteobacteria
1844	GCA_001042525.2_ASM104252v2_genomic.fna	Francisella	Proteobacteria
1845	GCA_002128165.1_ASM212816v1_genomic.fna	Mycoplasma	Tenericutes
1846	GCA_001720505.1_ASM172050v1_genomic.fna	Bacillus	Firmicutes
1847	GCA_002192515.1_ASM219251v1_genomic.fna	Bacillus	Firmicutes
1848	GCA_002220815.1_ASM222081v1_genomic.fna	Lactobacillus	Firmicutes
1849	GCA_001683275.1_ASM168327v1_genomic.fna	Bacillus	Firmicutes
1850	GCA_001547715.1_ASM154771v1_genomic.fna	Streptococcus	Firmicutes
1851	GCA_002214425.1_ASM221442v1_genomic.fna	Streptococcus	Firmicutes
1852	GCA_000470865.1_ASM47086v1_genomic.fna	Staphylococcus	Firmicutes
1853	GCA_001506245.1_ASM150624v1_genomic.fna	Campylobacter	Proteobacteria
1854	GCA_002216125.1_ASM221612v1_genomic.fna	Bacillus	Firmicutes
1855	GCA_000513675.1_ASM51367v1_genomic.fna	Listeria	Firmicutes
1856	GCA_002215175.1_ASM221517v1_genomic.fna	Bacillus	Firmicutes
1857	GCA_001506225.1_ASM150622v1_genomic.fna	Campylobacter	Proteobacteria
1858	GCA_000470845.1_ASM47084v1_genomic.fna	Staphylococcus	Firmicutes
1859	GCA_001908415.1_ASM190841v1_genomic.fna	Lactobacillus	Firmicutes
1860	GCA_002289205.1_ASM228920v1_genomic.fna	Streptococcus	Firmicutes
1861	GCA_000349795.1_ASM34979v1_genomic.fna	Bacillus	Firmicutes
1862	GCA_000513695.1_ASM51369v1_genomic.fna	Listeria	Firmicutes
1863	GCA_000168775.2_ASM16877v2_genomic.fna	Francisella	Proteobacteria
1864	GCA_001547835.1_ASM154783v1_genomic.fna	Streptococcus	Firmicutes
1865	GCA_001683295.1_ASM168329v1_genomic.fna	Bacillus	Firmicutes
1866	GCA_002208905.1_ASM220890v1_genomic.fna	Staphylococcus	Firmicutes
1867	GCA_001878735.1_ASM187873v1_genomic.fna	Enterococcus	Firmicutes

1868 GCA_002286275.1_ASM228627v1_genomic.fna
 1869 GCA_001951015.1_ASM195101v1_genomic.fna
 1870 GCA_002222555.1_ASM222255v1_genomic.fna
 1871 GCA_001564435.1_ASM156443v1_genomic.fna
 1872 GCA_001746575.1_ASM174657v1_genomic.fna
 1873 GCA_000022765.1_ASM2276v1_genomic.fna
 1874 GCA_002128185.1_ASM212818v1_genomic.fna
 1875 GCA_002243685.1_ASM224368v1_genomic.fna
 1876 GCA_001747445.1_ASM174744v1_genomic.fna
 1877 GCA_000973485.1_ASM97348v1_genomic.fna
 1878 GCA_002209265.1_ASM220926v1_genomic.fna
 1879 GCA_001720945.1_ASM172094v1_genomic.fna
 1880 GCA_002290185.1_ASM229018v1_genomic.fna
 1881 GCA_002128205.1_ASM212820v1_genomic.fna
 1882 GCA_002286235.1_ASM228623v1_genomic.fna
 1883 GCA_000286795.1_ASM28679v1_genomic.fna
 1884 GCA_002220535.1_ASM222053v1_genomic.fna
 1885 GCA_001683315.1_ASM168331v1_genomic.fna
 1886 GCA_000261045.2_ASM26104v2_genomic.fna
 1887 GCA_001272755.1_ASM127275v1_genomic.fna
 1888 GCA_900078265.1_SA111_genomic.fna
 1889 GCA_001296095.1_ASM129609v1_genomic.fna
 1890 GCA_001936375.1_ASM193637v1_genomic.fna
 1891 GCA_002370395.1_ASM237039v1_genomic.fna
 1892 GCA_001559175.1_ASM155917v1_genomic.fna
 1893 GCA_001506285.1_ASM150628v1_genomic.fna
 1894 GCA_002224345.1_ASM222434v1_genomic.fna
 1895 GCA_000568935.1_ASM56893v1_genomic.fna
 1896 GCA_001938685.1_ASM193868v1_genomic.fna
 1897 GCA_001865455.1_ASM186545v1_genomic.fna
 1898 GCA_000568475.1_ASM56847v1_genomic.fna
 1899 GCA_002220285.1_ASM222028v1_genomic.fna
 1900 GCA_001506265.1_ASM150626v1_genomic.fna
 1901 GCA_000485885.1_ASM48588v1_genomic.fna

Lactobacillus	Firmicutes
Rickettsia	Proteobacteria
Bacillus	Firmicutes
Mycoplasma	Tenericutes
Bacillus	Firmicutes
Clostridium	Firmicutes
Mycoplasma	Tenericutes
Bacillus	Firmicutes
Bacillus	Firmicutes
Bacillus	Firmicutes
Staphylococcus	Firmicutes
Enterococcus	Firmicutes
Lactobacillus	Firmicutes
Mycoplasma	Tenericutes
Lactobacillus	Firmicutes
Mycoplasma	Tenericutes
Serratia	Proteobacteria
Staphylococcus	Firmicutes
Serratia	Proteobacteria
Mycoplasma	Tenericutes
Streptococcus	Firmicutes
Lactobacillus	Firmicutes
Bacillus	Firmicutes
Leuconostoc	Firmicutes
Streptococcus	Firmicutes
Campylobacter	Proteobacteria
Bacillus	Firmicutes
Listeria	Firmicutes
Bacillus	Firmicutes
Campylobacter	Proteobacteria
Listeria	Firmicutes
Bacillus	Firmicutes
Campylobacter	Proteobacteria
Staphylococcus	Firmicutes

1902 GCA_000648525.1_ASM64852v1_genomic.fna
 1903 GCA_000568455.1_ASM56845v1_genomic.fna
 1904 GCA_000973585.1_ASM97358v1_genomic.fna
 1905 GCA_002003325.1_ASM200332v1_genomic.fna
 1906 GCA_000750515.1_ASM75051v1_genomic.fna
 1907 GCA_002442515.1_ASM244251v1_genomic.fna
 1908 GCA_001559135.1_ASM155913v1_genomic.fna
 1909 GCA_002357275.1_ASM235727v1_genomic.fna
 1910 GCA_001620285.1_ASM162028v1_genomic.fna
 1911 GCA_000769555.1_ASM76955v1_genomic.fna
 1912 GCA_001990245.1_ASM199024v1_genomic.fna
 1913 GCA_900155855.1_BM110_genomic.fna
 1914 GCA_001865475.1_ASM186547v1_genomic.fna
 1915 GCA_001455145.1_ASM145514v1_genomic.fna
 1916 GCA_000284395.1_ASM28439v1_genomic.fna
 1917 GCA_002327205.1_ASM232720v1_genomic.fna
 1918 GCA_002357295.1_ASM235729v1_genomic.fna
 1919 GCA_001808235.1_ASM180823v1_genomic.fna
 1920 GCA_002128235.1_ASM212823v1_genomic.fna
 1921 GCA_002576835.1_ASM257683v1_genomic.fna
 1922 GCA_000648555.1_ASM64855v1_genomic.fna
 1923 GCA_001272775.1_ASM127277v1_genomic.fna
 1924 GCA_002068155.1_ASM206815v1_genomic.fna
 1925 GCA_001543245.1_ASM154324v1_genomic.fna
 1926 GCA_001702195.1_ASM170219v1_genomic.fna
 1927 GCA_001543145.1_ASM154314v1_genomic.fna
 1928 GCA_001188895.1_ASM118889v1_genomic.fna
 1929 GCA_001534665.1_ASM153466v1_genomic.fna
 1930 GCA_001643995.1_ASM164399v1_genomic.fna
 1931 GCA_000286815.1_ASM28681v1_genomic.fna
 1932 GCA_002220555.1_ASM222055v1_genomic.fna
 1933 GCA_002370415.1_ASM237041v1_genomic.fna
 1934 GCA_001302645.1_ASM130264v1_genomic.fna
 1935 GCA_001721065.1_ASM172106v1_genomic.fna

Streptococcus	Firmicutes
Staphylococcus	Firmicutes
Bacillus	Firmicutes
Clostridium	Firmicutes
Weissella	Firmicutes
Brochothrix	Firmicutes
Serratia	Proteobacteria
Rickettsia	Proteobacteria
Streptococcus	Firmicutes
Bacillus	Firmicutes
Bacillus	Firmicutes
Streptococcus	Firmicutes
Campylobacter	Proteobacteria
Fusobacterium	Fusobacteria
Bacillus	Firmicutes
Clostridium	Firmicutes
Rickettsia	Proteobacteria
Bacillus	Firmicutes
Mycoplasma	Tenericutes
Lactobacillus	Firmicutes
Streptococcus	Firmicutes
Mycoplasma	Tenericutes
Bacillus	Firmicutes
Aerococcus	Firmicutes
Lactobacillus	Firmicutes
Aerococcus	Firmicutes
Staphylococcus	Firmicutes
Arsenophonus	Proteobacteria
Campylobacter	Proteobacteria
Mycoplasma	Tenericutes
Serratia	Proteobacteria
Leuconostoc	Firmicutes
Lactobacillus	Firmicutes
Enterococcus	Firmicutes

1936 GCA_001483885.1_ASM148388v1_genomic.fna
 1937 GCA_001663735.1_ASM166373v1_genomic.fna
 1938 GCA_002021985.1_ASM202198v1_genomic.fna
 1939 GCA_002021965.1_ASM202196v1_genomic.fna
 1940 GCA_001663715.1_ASM166371v1_genomic.fna
 1941 GCA_002287945.1_ASM228794v1_genomic.fna
 1942 GCA_002003365.1_ASM200336v1_genomic.fna
 1943 GCA_900187015.1_50465_F01_genomic.fna
 1944 GCA_000319475.1_ASM31947v1_genomic.fna
 1945 GCA_001188915.1_ASM118891v1_genomic.fna
 1946 GCA_002393225.1_ASM239322v1_genomic.fna
 1947 GCA_001886675.1_ASM188667v1_genomic.fna
 1948 GCA_000092345.1_ASM9234v1_genomic.fna
 1949 GCA_001938705.1_ASM193870v1_genomic.fna
 1950 GCA_001999905.1_ASM199990v1_genomic.fna
 1951 GCA_001634285.1_ASM163428v1_genomic.fna
 1952 GCA_001042545.2_ASM104254v2_genomic.fna
 1953 GCA_000438825.1_ASM43882v1_genomic.fna
 1954 GCA_001617605.1_ASM161760v1_genomic.fna
 1955 GCA_001642085.1_ASM164208v1_genomic.fna
 1956 GCA_001663675.1_ASM166367v1_genomic.fna
 1957 GCA_001953135.1_ASM195313v1_genomic.fna
 1958 GCA_000195535.1_ASM19553v1_genomic.fna
 1959 GCA_000497485.1_ASM49748v1_genomic.fna
 1960 GCA_001908475.1_ASM190847v1_genomic.fna
 1961 GCA_001663795.1_ASM166379v1_genomic.fna
 1962 GCA_000341665.1_ASM34166v1_genomic.fna
 1963 GCA_000830095.1_ASM83009v1_genomic.fna
 1964 GCA_002236895.1_ASM223689v1_genomic.fna
 1965 GCA_000233575.1_ASM23357v1_genomic.fna
 1966 GCA_000807175.1_ASM80717v1_genomic.fna
 1967 GCA_002078255.1_ASM207825v1_genomic.fna
 1968 GCA_002357135.1_ASM235713v1_genomic.fna
 1969 GCA_002220795.1_ASM222079v1_genomic.fna

Bacillus	Firmicutes
Lactobacillus	Firmicutes
Campylobacter	Proteobacteria
Campylobacter	Proteobacteria
Lactobacillus	Firmicutes
Lactobacillus	Firmicutes
Clostridium	Firmicutes
Serratia	Proteobacteria
Bacillus	Firmicutes
Staphylococcus	Firmicutes
Bacillus	Firmicutes
Enterococcus	Firmicutes
Clostridium	Firmicutes
Bacillus	Firmicutes
Planococcus	Firmicutes
Anoxybacillus	Firmicutes
Francisella	Proteobacteria
Serratia	Proteobacteria
Rummeliibacillus	Firmicutes
Streptococcus	Firmicutes
Lactobacillus	Firmicutes
Lactobacillus	Firmicutes
Francisella	Proteobacteria
Bacillus	Firmicutes
Bacillus	Firmicutes
Streptococcus	Firmicutes
Bacillus	Firmicutes
Bacillus	Firmicutes
Bacillus	Firmicutes
Streptococcus	Firmicutes
Clostridium	Firmicutes
Staphylococcus	Firmicutes
Rickettsia	Proteobacteria
Campylobacter	Proteobacteria

1970 GCA_000831105.1_ASM83110v1_genomic.fna
 1971 GCA_002211625.1_ASM221162v1_genomic.fna
 1972 GCA_000013545.1_ASM1354v1_genomic.fna
 1973 GCA_000146975.1_ASM14697v1_genomic.fna
 1974 GCA_001723545.1_ASM172354v1_genomic.fna
 1975 GCA_001611115.1_ASM161111v1_genomic.fna
 1976 GCA_001700895.1_ASM170089v1_genomic.fna
 1977 GCA_000013465.1_ASM1346v1_genomic.fna
 1978 GCA_001951095.1_ASM195109v1_genomic.fna
 1979 GCA_001682435.2_ASM168243v2_genomic.fna
 1980 GCA_000018065.1_ASM1806v1_genomic.fna
 1981 GCA_000195435.4_ASM19543v4_genomic.fna
 1982 GCA_000479375.2_ASM47937v2_genomic.fna
 1983 GCA_001017595.1_ASM101759v1_genomic.fna
 1984 GCA_000283675.1_ASM28367v1_genomic.fna
 1985 GCA_000761115.1_ASM76111v1_genomic.fna
 1986 GCA_000197755.2_ASM19775v2_genomic.fna
 1987 GCA_001558815.1_ASM155881v1_genomic.fna
 1988 GCA_000831165.1_ASM83116v1_genomic.fna
 1989 GCA_000270145.1_ASM27014v1_genomic.fna
 1990 GCA_000304375.1_AINO_genomic.fna
 1991 GCA_000430385.1_ASM43038v1_genomic.fna
 1992 GCA_000016805.1_ASM1680v1_genomic.fna
 1993 GCA_000292415.1_ASM29241v1_genomic.fna
 1994 GCA_000147095.1_ASM14709v1_genomic.fna
 1995 GCA_000018125.1_ASM1812v1_genomic.fna
 1996 GCA_001723625.1_ASM172362v1_genomic.fna
 1997 GCA_002243495.1_ASM224349v1_genomic.fna
 1998 GCA_001623565.1_ASM162356v1_genomic.fna
 1999 GCA_001598035.1_ASM159803v1_genomic.fna
 2000 GCA_002173595.1_ASM217359v1_genomic.fna
 2001 GCA_001687605.2_ASM168760v2_genomic.fna
 2002 GCA_900128595.1_BCipseudotaxifoliae_v1.0_genomic.fna
 2003 GCA_002504325.1_ASM250432v1_genomic.fna

Streptococcus	Firmicutes
Fusobacterium	Fusobacteria
Streptococcus	Firmicutes
Streptococcus	Firmicutes
Lactobacillus	Firmicutes
Pediococcus	Firmicutes
Buchnera	Proteobacteria
Staphylococcus	Firmicutes
Weissella	Firmicutes
Staphylococcus	Firmicutes
Prochlorococcus	Cyanobacteria
Listeria	Firmicutes
Lactococcus	Firmicutes
Mycoplasma	Tenericutes
Bacillus	Firmicutes
Lactococcus	Firmicutes
Listeria	Firmicutes
Staphylococcus	Firmicutes
Streptococcus	Firmicutes
Streptococcus	Firmicutes
Campylobacter	Proteobacteria
Campylobacter	Proteobacteria
Staphylococcus	Firmicutes
Bacillus	Firmicutes
Streptococcus	Firmicutes
Streptococcus	Firmicutes
Erysipelothrix	Firmicutes
Bacillus	Firmicutes
Streptococcus	Firmicutes
Streptococcus	Firmicutes
Pediococcus	Firmicutes
Planococcus	Firmicutes
Buchnera	Proteobacteria
Bacillus	Firmicutes

2004	GCA_001717505.1_ASM171750v1_genomic.fna	Dialister	Firmicutes
2005	GCA_001715535.1_ASM171553v1_genomic.fna	Spiroplasma	Tenericutes
2006	GCA_000238975.1_ASM23897v1_genomic.fna	Serratia	Proteobacteria
2007	GCA_002073355.1_ASM207335v1_genomic.fna	Streptococcus	Firmicutes
2008	GCA_000241125.1_ASM24112v1_genomic.fna	Mycoplasma	Tenericutes
2009	GCA_000582665.1_ASM58266v1_genomic.fna	Lactobacillus	Firmicutes
2010	GCA_000831125.1_ASM83112v1_genomic.fna	Streptococcus	Firmicutes
2011	GCA_000832425.1_ASM83242v1_genomic.fna	Bacillus	Firmicutes
2012	GCA_000294495.1_ASM29449v1_genomic.fna	Streptococcus	Firmicutes
2013	GCA_000688795.1_ASM68879v1_genomic.fna	Bacillus	Firmicutes
2014	GCA_000195555.1_ASM19555v1_genomic.fna	Francisella	Proteobacteria
2015	GCA_001629735.1_ASM162973v1_genomic.fna	Lysinibacillus	Firmicutes
2016	GCA_001746555.1_ASM174655v1_genomic.fna	Clostridium	Firmicutes
2017	GCA_000498675.1_ASM49867v1_genomic.fna	Lactobacillus	Firmicutes
2018	GCA_001735765.1_ASM173576v1_genomic.fna	Clostridium	Firmicutes
2019	GCA_002370355.1_ASM237035v1_genomic.fna	Lactobacillus	Firmicutes
2020	GCA_001721685.1_ASM172168v1_genomic.fna	Bacillus	Firmicutes
2021	GCA_900187115.1_51699_F01_genomic.fna	Arcobacter	Proteobacteria
2022	GCA_001719185.1_ASM171918v1_genomic.fna	Bacillus	Firmicutes
2023	GCA_001685375.1_ASM168537v1_genomic.fna	Streptococcus	Firmicutes
2024	GCA_900186955.1_49386_F02_genomic.fna	Bacillus	Firmicutes
2025	GCA_001558375.1_ASM155837v1_genomic.fna	Staphylococcus	Firmicutes
2026	GCA_000876545.1_ASM87654v1_genomic.fna	Bacillus	Firmicutes
2027	GCA_001854185.1_ASM185418v1_genomic.fna	Clostridium	Firmicutes
2028	GCA_001708305.1_ASM170830v1_genomic.fna	Streptococcus	Firmicutes
2029	GCA_002000885.1_ASM200088v1_genomic.fna	Lactobacillus	Firmicutes
2030	GCA_000696015.1_ASM69601v1_genomic.fna	Mycoplasma	Tenericutes
2031	GCA_000816385.2_ASM81638v2_genomic.fna	Campylobacter	Proteobacteria
2032	GCA_000767745.1_ASM76774v1_genomic.fna	Clostridium	Firmicutes
2033	GCA_001011095.1_ASM101109v1_genomic.fna	Lactobacillus	Firmicutes
2034	GCA_001877035.1_ASM187703v1_genomic.fna	Clostridium	Firmicutes
2035	GCA_001870205.1_ASM187020v1_genomic.fna	Vagococcus	Firmicutes
2036	GCA_002009235.1_ASM200923v1_genomic.fna	Planococcus	Firmicutes
2037	GCA_000763495.1_ASM76349v1_genomic.fna	Listeria	Firmicutes

2038	GCA_900187245.1_51470_D02_genomic.fna	Streptococcus	Firmicutes
2039	GCA_002173535.1_ASM217353v1_genomic.fna	Pediococcus	Firmicutes
2040	GCA_001945665.1_ASM194566v1_genomic.fna	Borrelia	Spirochaetes
2041	GCA_002117225.1_ASM211722v1_genomic.fna	Lactobacillus	Firmicutes
2042	GCA_001932615.1_ASM193261v1_genomic.fna	Weissella	Firmicutes
2043	GCA_000828775.1_ASM82877v1_genomic.fna	Serratia	Proteobacteria
2044	GCA_000211545.6_ASM21154v6_genomic.fna	Mycoplasma	Tenericutes
2045	GCA_002504385.1_ASM250438v1_genomic.fna	Mesoplasma	Tenericutes
2046	GCA_001900245.1_ASM190024v1_genomic.fna	Mycoplasma	Tenericutes
2047	GCA_000583755.1_ASM58375v1_genomic.fna	Campylobacter	Proteobacteria
2048	GCA_900120165.1_PRJEB15652_genomic.fna	Ezakiella	Firmicutes
2049	GCA_002224305.1_ASM222430v1_genomic.fna	Lactobacillus	Firmicutes
2050	GCA_001889165.1_ASM188916v1_genomic.fna	Bacillus	Firmicutes
2051	GCA_002213945.1_ASM221394v1_genomic.fna	Listeria	Firmicutes
2052	GCA_002000625.1_ASM200062v1_genomic.fna	Staphylococcus	Firmicutes
2053	GCA_002407125.1_ASM240712v1_genomic.fna	Campylobacter	Proteobacteria
2054	GCA_002238375.1_ASM223837v1_genomic.fna	Campylobacter	Proteobacteria
2055	GCA_002000645.1_ASM200064v1_genomic.fna	Staphylococcus	Firmicutes
2056	GCA_002213985.1_ASM221398v1_genomic.fna	Listeria	Firmicutes
2057	GCA_002213965.1_ASM221396v1_genomic.fna	Listeria	Firmicutes
2058	GCA_002000665.1_ASM200066v1_genomic.fna	Staphylococcus	Firmicutes
2059	GCA_002214005.1_ASM221400v1_genomic.fna	Listeria	Firmicutes
2060	GCA_002587105.1_ASM258710v1_genomic.fna	Campylobacter	Proteobacteria
2061	GCA_002214045.1_ASM221404v1_genomic.fna	Listeria	Firmicutes
2062	GCA_002000685.1_ASM200068v1_genomic.fna	Staphylococcus	Firmicutes
2063	GCA_002587225.1_ASM258722v1_genomic.fna	Campylobacter	Proteobacteria
2064	GCA_002214085.1_ASM221408v1_genomic.fna	Listeria	Firmicutes
2065	GCA_002000725.1_ASM200072v1_genomic.fna	Staphylococcus	Firmicutes
2066	GCA_002000705.1_ASM200070v1_genomic.fna	Staphylococcus	Firmicutes
2067	GCA_002214065.1_ASM221406v1_genomic.fna	Listeria	Firmicutes
2068	GCA_002000745.1_ASM200074v1_genomic.fna	Staphylococcus	Firmicutes
2069	GCA_002000765.1_ASM200076v1_genomic.fna	Staphylococcus	Firmicutes
2070	GCA_002214125.1_ASM221412v1_genomic.fna	Listeria	Firmicutes
2071	GCA_002214105.1_ASM221410v1_genomic.fna	Listeria	Firmicutes

2072	GCA_002000785.1_ASM200078v1_genomic.fna	Staphylococcus	Firmicutes
2073	GCA_002214145.1_ASM221414v1_genomic.fna	Listeria	Firmicutes
2074	GCA_002000805.1_ASM200080v1_genomic.fna	Staphylococcus	Firmicutes
2075	GCA_002285655.1_ASM228565v1_genomic.fna	Listeria	Firmicutes
2076	GCA_002000825.1_ASM200082v1_genomic.fna	Staphylococcus	Firmicutes
2077	GCA_002220325.1_ASM222032v1_genomic.fna	Listeria	Firmicutes
2078	GCA_002557735.1_ASM255773v1_genomic.fna	Listeria	Firmicutes
2079	GCA_002285835.1_ASM228583v1_genomic.fna	Listeria	Firmicutes
2080	GCA_002000845.1_ASM200084v1_genomic.fna	Staphylococcus	Firmicutes
2081	GCA_000253195.1_ASM25319v1_genomic.fna	Clostridium	Firmicutes
2082	GCA_001989555.1_ASM198955v1_genomic.fna	Enterococcus	Firmicutes
2083	GCA_001586105.1_ASM158610v1_genomic.fna	Bacillus	Firmicutes
2084	GCA_000523045.1_ASM52304v1_genomic.fna	Bacillus	Firmicutes
2085	GCA_002000865.1_ASM200086v1_genomic.fna	Staphylococcus	Firmicutes
2086	GCA_002025125.1_ASM202512v1_genomic.fna	Staphylococcus	Firmicutes
2087	GCA_002557815.1_ASM255781v1_genomic.fna	Listeria	Firmicutes
2088	GCA_900070175.1_Lactobacillus_rhamnosus_CECT_8800_genomic.fna	Lactobacillus	Firmicutes
2089	GCA_001721905.1_ASM172190v1_genomic.fna	Enterococcus	Firmicutes
2090	GCA_002220575.1_ASM222057v1_genomic.fna	Serratia	Proteobacteria
2091	GCA_001865495.1_ASM186549v1_genomic.fna	Campylobacter	Proteobacteria
2092	GCA_001272795.1_ASM127279v1_genomic.fna	Mycoplasma	Tenericutes
2093	GCA_001484005.1_ASM148400v1_genomic.fna	Lactobacillus	Firmicutes
2094	GCA_001047695.1_ASM104769v1_genomic.fna	Leuconostoc	Firmicutes
2095	GCA_000988345.1_ASM98834v1_genomic.fna	Bacillus	Firmicutes
2096	GCA_000338115.2_ASM33811v2_genomic.fna	Lactobacillus	Firmicutes
2097	GCA_000319655.2_ASM31965v2_genomic.fna	Mycoplasma	Tenericutes
2098	GCA_000987825.1_ASM98782v1_genomic.fna	Bacillus	Firmicutes
2099	GCA_002220595.1_ASM222059v1_genomic.fna	Serratia	Proteobacteria
2100	GCA_001865515.1_ASM186551v1_genomic.fna	Campylobacter	Proteobacteria
2101	GCA_002073435.1_ASM207343v1_genomic.fna	Streptococcus	Firmicutes
2102	GCA_001296205.1_ASM129620v1_genomic.fna	Streptococcus	Firmicutes
2103	GCA_000025825.1_ASM2582v1_genomic.fna	Bacillus	Firmicutes
2104	GCA_000219765.1_ASM21976v1_genomic.fna	Streptococcus	Firmicutes
2105	GCA_000233755.1_ASM23375v1_genomic.fna	Lactobacillus	Firmicutes

2106 GCA_000833255.1_ASM83325v1_genomic.fna
 2107 GCA_001581895.1_ASM158189v1_genomic.fna
 2108 GCA_001272815.1_ASM127281v1_genomic.fna
 2109 GCA_000307125.1_ASM30712v1_genomic.fna
 2110 GCA_000307185.1_ASM30718v1_genomic.fna
 2111 GCA_000691545.1_ASM69154v1_genomic.fna
 2112 GCA_001998885.1_ASM199888v1_genomic.fna
 2113 GCA_001998805.1_ASM199880v1_genomic.fna
 2114 GCA_000221645.1_ASM22164v1_genomic.fna
 2115 GCA_001545095.1_ASM154509v1_genomic.fna
 2116 GCA_000284575.1_ASM28457v1_genomic.fna
 2117 GCA_000444405.1_ASM44440v1_genomic.fna
 2118 GCA_001989575.1_ASM198957v1_genomic.fna
 2119 GCA_000832885.1_ASM83288v1_genomic.fna
 2120 GCA_001750885.1_ASM175088v1_genomic.fna
 2121 GCA_001593765.1_ASM159376v1_genomic.fna
 2122 GCA_002163735.1_ASM216373v1_genomic.fna
 2123 GCA_000717535.1_ASM71753v1_genomic.fna
 2124 GCA_000204565.1_ASM20456v1_genomic.fna
 2125 GCA_000277185.1_ASM27718v1_genomic.fna
 2126 GCA_002021925.1_ASM202192v1_genomic.fna
 2127 GCA_900128415.1_PRJEB15655_genomic.fna
 2128 GCA_000166655.2_ASM16665v1_genomic.fna
 2129 GCA_000211255.2_ASM21125v2_genomic.fna
 2130 GCA_000699465.1_ASM69946v1_genomic.fna
 2131 GCA_002142575.1_ASM214257v1_genomic.fna
 2132 GCA_000248415.1_ASM24841v1_genomic.fna
 2133 GCA_000344765.1_ASM34476v1_genomic.fna
 2134 GCA_000189515.1_ASM18951v1_genomic.fna
 2135 GCA_000283795.1_ASM28379v1_genomic.fna
 2136 GCA_000962775.1_ASM96277v1_genomic.fna
 2137 GCA_000466785.3_ASM46678v3_genomic.fna
 2138 GCA_000143865.1_ASM14386v1_genomic.fna
 2139 GCA_001705585.1_ASM170558v1_genomic.fna

Francisella	Proteobacteria
Lactobacillus	Firmicutes
Mycoplasma	Tenericutes
Clostridium	Firmicutes
Streptococcus	Firmicutes
Borrelia	Spirochaetes
Vagococcus	Firmicutes
Leuconostoc	Firmicutes
Bacillus	Firmicutes
Erysipelothrix	Firmicutes
Streptococcus	Firmicutes
Enterococcus	Firmicutes
Auricoccus	Firmicutes
Bacillus	Firmicutes
Enterococcus	Firmicutes
Bacillus	Firmicutes
Enterococcus	Firmicutes
Bacillus	Firmicutes
Clostridium	Firmicutes
Rickettsia	Proteobacteria
Campylobacter	Proteobacteria
Anaerococcus	Firmicutes
Borrelia	Spirochaetes
Enterococcus	Firmicutes
Bacillus	Firmicutes
Lactobacillus	Firmicutes
Francisella	Proteobacteria
Streptococcus	Firmicutes
Lactobacillus	Firmicutes
Rickettsia	Proteobacteria
Borrelia	Spirochaetes
Lactobacillus	Firmicutes
Mycoplasma	Tenericutes
Streptococcus	Firmicutes

2174	GCA_002089095.1_ASM208909v1_genomic.fna	Staphylococcus	Firmicutes
2175	GCA_002089115.1_ASM208911v1_genomic.fna	Staphylococcus	Firmicutes
2176	GCA_002089075.1_ASM208907v1_genomic.fna	Staphylococcus	Firmicutes
2177	GCA_002097595.1_ASM209759v1_genomic.fna	Staphylococcus	Firmicutes
2178	GCA_002140115.1_ASM214011v1_genomic.fna	Staphylococcus	Firmicutes
2179	GCA_002202095.1_ASM220209v1_genomic.fna	Staphylococcus	Firmicutes
2180	GCA_002204555.1_ASM220455v1_genomic.fna	Staphylococcus	Firmicutes
2181	GCA_002202075.1_ASM220207v1_genomic.fna	Staphylococcus	Firmicutes
2182	GCA_002209325.1_ASM220932v1_genomic.fna	Staphylococcus	Firmicutes
2183	GCA_002214665.1_ASM221466v1_genomic.fna	Staphylococcus	Firmicutes
2184	GCA_002204575.1_ASM220457v1_genomic.fna	Staphylococcus	Firmicutes
2185	GCA_002310395.1_ASM231039v1_genomic.fna	Staphylococcus	Firmicutes
2186	GCA_002310435.1_ASM231043v1_genomic.fna	Staphylococcus	Firmicutes
2187	GCA_001596535.1_ASM159653v1_genomic.fna	Bacillus	Firmicutes
2188	GCA_002356675.1_ASM235667v1_genomic.fna	Staphylococcus	Firmicutes
2189	GCA_002355355.1_ASM235535v1_genomic.fna	Staphylococcus	Firmicutes
2190	GCA_000209755.1_ASM20975v1_genomic.fna	Listeria	Firmicutes
2191	GCA_900128735.1_BCiconfinis_v1.0_genomic.fna	Buchnera	Proteobacteria
2192	GCA_000972725.1_ASM97272v1_genomic.fna	Staphylococcus	Firmicutes
2193	GCA_002386245.1_ASM238624v1_genomic.fna	Staphylococcus	Firmicutes
2194	GCA_002442975.1_ASM244297v1_genomic.fna	Staphylococcus	Firmicutes
2195	GCA_000466065.2_ASM46606v2_genomic.fna	Campylobacter	Proteobacteria
2196	GCA_000466075.2_ASM46607v2_genomic.fna	Campylobacter	Proteobacteria
2197	GCA_000807375.1_ASM80737v1_genomic.fna	Lactococcus	Firmicutes
2198	GCA_000635895.2_ASM63589v2_genomic.fna	Bacillus	Firmicutes
2199	GCA_000017085.1_ASM1708v1_genomic.fna	Staphylococcus	Firmicutes
2200	GCA_000017125.1_ASM1712v1_genomic.fna	Staphylococcus	Firmicutes
2201	GCA_000789315.1_ASM78931v1_genomic.fna	Bacillus	Firmicutes
2202	GCA_002078375.1_ASM207837v1_genomic.fna	Lactococcus	Firmicutes
2203	GCA_000210815.2_ASM21081v2_genomic.fna	Listeria	Firmicutes
2204	GCA_000832465.1_ASM83246v1_genomic.fna	Bacillus	Firmicutes
2205	GCA_000183185.1_ASM18318v1_genomic.fna	Mycoplasma	Tenericutes
2206	GCA_000390245.1_ASM39024v1_genomic.fna	Streptococcus	Firmicutes
2207	GCA_000091905.1_ASM9190v1_genomic.fna	Streptococcus	Firmicutes

2208	GCA_000299135.1_ASM29913v1_genomic.fna	Streptococcus	Firmicutes
2209	GCA_900128725.1_BCifornacula_v1.0_genomic.fna	Buchnera	Proteobacteria
2210	GCA_000021445.1_ASM2144v1_genomic.fna	Bacillus	Firmicutes
2211	GCA_000250905.1_ASM25090v1_genomic.fna	Streptococcus	Firmicutes
2212	GCA_000196595.1_ASM19659v1_genomic.fna	Streptococcus	Firmicutes
2213	GCA_001026925.1_ASM102692v1_genomic.fna	Streptococcus	Firmicutes
2214	GCA_000747545.1_ASM74754v1_genomic.fna	Bacillus	Firmicutes
2215	GCA_000009385.1_ASM938v1_genomic.fna	Streptococcus	Firmicutes
2216	GCA_000018965.1_ASM1896v1_genomic.fna	Streptococcus	Firmicutes
2217	GCA_000163915.2_ASM16391v2_genomic.fna	Fusobacterium	Fusobacteria
2218	GCA_001855705.1_ASM185570v1_genomic.fna	Streptococcus	Firmicutes
2219	GCA_000521565.1_ASM52156v1_genomic.fna	Buchnera	Proteobacteria
2220	GCA_000789355.1_ASM78935v1_genomic.fna	Clostridium	Firmicutes
2221	GCA_000012465.1_ASM1246v1_genomic.fna	Prochlorococcus	Cyanobacteria
2222	GCA_000248435.1_ASM24843v1_genomic.fna	Francisella	Proteobacteria
2223	GCA_002278095.1_ASM227809v1_genomic.fna	Lactobacillus	Firmicutes
2224	GCA_000013065.1_ASM1306v1_genomic.fna	Bacillus	Firmicutes
2225	GCA_000022925.1_ASM2292v1_genomic.fna	Listeria	Firmicutes
2226	GCA_001304735.1_ASM130473v1_genomic.fna	Clostridium	Firmicutes
2227	GCA_000699525.1_ASM69952v1_genomic.fna	Bacillus	Firmicutes
