

Table S1. Reference data set, 7861 microbial genomes, downloaded from the National Center for Biotechnology Information.

ID	Species name	File name
1	<i>Saccharomyces cerevisiae</i>	GCA_000146045.2_R64_genomic.fna
2	<i>Eremothecium gossypii</i>	GCA_000091025.4_ASM9102v4_genomic.fna
3	<i>Kluyveromyces lactis</i>	GCA_000002515.1_ASM251v1_genomic.fna
4	<i>Candida dubliniensis</i>	GCA_000026945.1_ASM2694v1_genomic.fna
5	<i>Botrytis cinerea</i>	GCA_000832945.1_ASM83294v1_genomic.fna
6	<i>Thermothelomyces thermophila</i>	GCA_000226095.1_ASM22609v1_genomic.fna
7	<i>Thielavia terrestris</i>	GCA_000226115.1_ASM22611v1_genomic.fna
8	<i>Kluyveromyces marxianus</i>	GCA_001417885.1_Kmar_1.0_genomic.fna
9	<i>Sporisorium scitamineum</i>	GCA_001010845.1_ASM101084v1_genomic.fna
10	<i>Talaromyces pinophilus</i>	GCA_001571465.2_ASM157146v2_genomic.fna
11	<i>Sugiyamaella lignohabitans</i>	GCA_001640025.2_ASM164002v2_genomic.fna
12	<i>Ustilago bromivora</i>	GCA_900080155.1_UBRO_v3_genomic.fna
13	<i>Zygosaccharomyces parabailii</i>	GCA_001984395.2_ASM198439v2_genomic.fna
14	<i>Saccharomycopsis fibuligera</i>	GCA_001936155.1_KPH12_genomic.fna
15	<i>Malassezia sympodialis</i>	GCA_900149135.1_Msy_KS292_June2015_genomic.fna
16	<i>Kluyveromyces marxianus</i>	GCA_001417835.1_KM1777_03_genomic.fna
17	<i>Verticillium dahliae</i>	GCA_000400815.2_VDAG_JR2v.4.0_genomic.fna
18	<i>Yarrowia lipolytica</i>	GCA_000613145.1_YALIO_genomic.fna
19	<i>Kluyveromyces lactis</i>	GCA_002151565.1_ASM215156v1_genomic.fna
20	<i>Eremothecium gossypii</i>	GCA_000968835.1_ASM96883v1_genomic.fna
21	<i>Saccharomyces cerevisiae</i>	GCA_001051215.1_ASM105121v1_genomic.fna
22	<i>Yarrowia lipolytica</i>	GCA_001761485.1_ASM176148v1_genomic.fna
23	<i>Verticillium dahliae</i>	GCA_000952015.1_ASM95201v1_genomic.fna
24	<i>Kluyveromyces marxianus</i>	GCA_001854445.1_ASM185444v1_genomic.fna
25	<i>Malassezia sympodialis</i>	GCA_900149145.1_Msy_ATCC_42132_Feb2016_genomic.fna
26	<i>Malassezia sympodialis</i>	GCA_900149155.1_Msy_KS024_June2015_genomic.fna
27	<i>Malassezia sympodialis</i>	GCA_900149165.1_Msy_KS327_June2015_genomic.fna
28	<i>Malassezia sympodialis</i>	GCA_900149175.1_Msy_KS004_June2015_genomic.fna
29	<i>Methanococcus maripaludis</i>	GCA_000017225.1_ASM1722v1_genomic.fna
30	<i>Sulfolobus islandicus</i>	GCA_000022385.1_ASM2238v1_genomic.fna
31	<i>Methanococcus voltae</i>	GCA_000006175.2_ASM617v2_genomic.fna

32	<i>Methanobrevibacter smithii</i>	GCA_000016525.1_ASM1652v1_genomic.fna
33	<i>Sulfolobus solfataricus</i>	GCA_900079115.1_SSOP1_genomic.fna
34	<i>Methanocaldococcus jannaschii</i>	GCA_000091665.1_ASM9166v1_genomic.fna
35	<i>Methanosarcina barkeri</i>	GCA_000970025.1_ASM97002v1_genomic.fna
36	<i>Archaeoglobus fulgidus</i>	GCA_000008665.1_ASM866v1_genomic.fna
37	<i>Thermoplasma acidophilum</i>	GCA_000195915.1_ASM19591v1_genomic.fna
38	<i>Pyrobaculum aerophilum</i>	GCA_000007225.1_ASM722v1_genomic.fna
39	<i>Pyrococcus abyssi</i>	GCA_000195935.2_ASM19593v2_genomic.fna
40	<i>Thermoplasma volcanium</i>	GCA_000011185.1_ASM1118v1_genomic.fna
41	<i>Pyrococcus horikoshii</i>	GCA_000011105.1_ASM1110v1_genomic.fna
42	<i>Aeropyrum pernix</i>	GCA_000011125.1_ASM1112v1_genomic.fna
43	<i>Halobacterium salinarum</i>	GCA_000006805.1_ASM680v1_genomic.fna
44	<i>Ferroplasma acidarmanus</i>	GCA_000152265.2_ASM15226v2_genomic.fna
45	<i>Sulfolobus tokodaii</i>	GCA_000011205.1_ASM1120v1_genomic.fna
46	<i>Methanosarcina mazei</i>	GCA_000970205.1_ASM97020v1_genomic.fna
47	<i>Pyrococcus furiosus</i>	GCA_000007305.1_ASM730v1_genomic.fna
48	<i>Methanothermobacter thermautotrophicus</i>	GCA_000008645.1_ASM864v1_genomic.fna
49	<i>Methanosarcina acetivorans</i>	GCA_000007345.1_ASM734v1_genomic.fna
50	<i>Methanopyrus kandleri</i>	GCA_000007185.1_ASM718v1_genomic.fna
51	<i>Haloarcula marismortui</i>	GCA_000011085.1_ASM1108v1_genomic.fna
52	<i>Hyperthermus butylicus</i>	GCA_000015145.1_ASM1514v1_genomic.fna
53	<i>Nanoarchaeum equitans</i>	GCA_000008085.1_ASM808v1_genomic.fna
54	<i>Haloferax volcanii</i>	GCA_000025685.1_ASM2568v1_genomic.fna
55	<i>Methanospirillum hungatei</i>	GCA_000013445.1_ASM1344v1_genomic.fna
56	<i>Thermococcus kodakarensis</i>	GCA_000009965.1_ASM996v1_genomic.fna
57	<i>Halorubrum lacusprofundi</i>	GCA_000022205.1_ASM2220v1_genomic.fna
58	<i>Pyrolobus fumarii</i>	GCA_000223395.1_ASM22339v1_genomic.fna
59	<i>Ignicoccus hospitalis</i>	GCA_000017945.1_ASM1794v1_genomic.fna
60	<i>Sulfolobus acidocaldarius</i>	GCA_000012285.1_ASM1228v1_genomic.fna
61	<i>Methanosphaera stadtmanae</i>	GCA_000012545.1_ASM1254v1_genomic.fna
62	<i>Pyrobaculum arsenaticum</i>	GCA_000016385.1_ASM1638v1_genomic.fna
63	<i>Pyrobaculum neutrophilum</i>	GCA_000019805.1_ASM1980v1_genomic.fna
64	<i>Natronomonas pharaonis</i>	GCA_000026045.1_ASM2604v1_genomic.fna
65	<i>Methanosaeta thermophila</i>	GCA_000014945.1_ASM1494v1_genomic.fna

66	<i>Thermofilum pendens</i>	GCA_000015225.1_ASM1522v1_genomic.fna
67	<i>Pyrobaculum islandicum</i>	GCA_000015205.1_ASM1520v1_genomic.fna
68	<i>Haloquadratum walsbyi</i>	GCA_000237865.1_ASM23786v1_genomic.fna
69	<i>Caldivirga maquilensis</i>	GCA_000018305.1_ASM1830v1_genomic.fna
70	<i>Metallosphaera sedula</i>	GCA_000016605.1_ASM1660v1_genomic.fna
71	<i>Staphylothermus marinus</i>	GCA_000015945.1_ASM1594v1_genomic.fna
72	<i>Methanococcus vanniellii</i>	GCA_000017165.1_ASM1716v1_genomic.fna
73	<i>Methanocorpusculum labreanum</i>	GCA_000015765.1_ASM1576v1_genomic.fna
74	<i>Pyrobaculum calidifontis</i>	GCA_000015805.1_ASM1580v1_genomic.fna
75	<i>Methanoregula boonei</i>	GCA_000017625.1_ASM1762v1_genomic.fna
76	<i>Methanococcus aeolicus</i>	GCA_000017185.1_ASM1718v1_genomic.fna
77	<i>Nitrosopumilus maritimus</i>	GCA_000018465.1_ASM1846v1_genomic.fna
78	<i>Aciduliprofundum boonei</i>	GCA_000025665.1_ASM2566v1_genomic.fna
79	<i>Thermococcus barophilus</i>	GCA_000151105.2_ASM15110v2_genomic.fna
80	<i>Methanocella arvoryzae</i>	GCA_000063445.1_ASM6344v1_genomic.fna
81	<i>Thermococcus onnurineus</i>	GCA_000018365.1_ASM1836v1_genomic.fna
82	<i>Methanococcoides burtonii</i>	GCA_000013725.1_ASM1372v1_genomic.fna
83	<i>Picrophilus torridus</i>	GCA_000008265.1_ASM826v1_genomic.fna
84	<i>Methanoculleus marisnigri</i>	GCA_000015825.1_ASM1582v1_genomic.fna
85	<i>Methanosphaerula palustris</i>	GCA_000021965.1_ASM2196v1_genomic.fna
86	<i>Methanohalophilus mahii</i>	GCA_000025865.1_ASM2586v1_genomic.fna
87	<i>Natrialba magadii</i>	GCA_000025625.1_ASM2562v1_genomic.fna
88	<i>Archaeoglobus profundus</i>	GCA_000025285.1_ASM2528v1_genomic.fna
89	<i>Vulcanisaeta distributa</i>	GCA_000148385.1_ASM14838v1_genomic.fna
90	<i>Methanocaldococcus infernus</i>	GCA_000092305.1_ASM9230v1_genomic.fna
91	<i>Methanocaldococcus fervens</i>	GCA_000023985.1_ASM2398v1_genomic.fna
92	<i>Methanocaldococcus vulcanius</i>	GCA_000024625.1_ASM2462v1_genomic.fna
93	<i>Ignisphaera aggregans</i>	GCA_000145985.1_ASM14598v1_genomic.fna
94	<i>Ferroglobus placidus</i>	GCA_000025505.1_ASM2550v1_genomic.fna
95	<i>Methanothermobacter fervidus</i>	GCA_000166095.1_ASM16609v1_genomic.fna
96	<i>Thermococcus gammatolerans</i>	GCA_000022365.1_ASM2236v1_genomic.fna
97	<i>Staphylothermus hellenicus</i>	GCA_000092465.1_ASM9246v1_genomic.fna
98	<i>Methanobrevibacter ruminantium</i>	GCA_000024185.1_ASM2418v1_genomic.fna
99	<i>Thermococcus sibiricus</i>	GCA_000022545.1_ASM2254v1_genomic.fna

100	<i>Haloarcula hispanica</i>	GCA_000223905.1_ASM22390v1_genomic.fna
101	<i>Thermosphaera aggregans</i>	GCA_000092185.1_ASM9218v1_genomic.fna
102	<i>Acidilobus saccharovorans</i>	GCA_000144915.1_ASM14491v1_genomic.fna
103	<i>Methanosalsum zhilinae</i>	GCA_000217995.1_ASM21799v1_genomic.fna
104	<i>Methanolacinia petrolearia</i>	GCA_000147875.1_ASM14787v1_genomic.fna
105	<i>Methanohalobium evestigatum</i>	GCA_000196655.1_ASM19665v1_genomic.fna
106	<i>Haloterrigena turkmenica</i>	GCA_000025325.1_ASM2532v1_genomic.fna
107	<i>Methanocella paludicola</i>	GCA_000011005.1_ASM1100v1_genomic.fna
108	<i>Methanothermococcus okinawensis</i>	GCA_000179575.2_ASM17957v2_genomic.fna
109	<i>Methanothermobacter marburgensis</i>	GCA_000145295.1_ASM14529v1_genomic.fna
110	<i>Desulfurococcus mucosus</i>	GCA_000186365.1_ASM18636v1_genomic.fna
111	<i>Halalkalicoccus jeotgali</i>	GCA_000196895.1_ASM19689v1_genomic.fna
112	<i>Archaeoglobus veneficus</i>	GCA_000194625.1_ASM19462v1_genomic.fna
113	<i>Methanotorris igneus</i>	GCA_000214415.1_ASM21441v1_genomic.fna
114	<i>halophilic archaeon</i>	GCA_000224475.1_ASM22447v1_genomic.fna
115	<i>Halopiger xanaduensis</i>	GCA_000217715.1_ASM21771v1_genomic.fna
116	<i>Halovivax ruber</i>	GCA_000328525.1_ASM32852v1_genomic.fna
117	<i>Halogeometricum borinquense</i>	GCA_000172995.2_ASM17299v2_genomic.fna
118	<i>Halomicrobium mukohataei</i>	GCA_000023965.1_ASM2396v1_genomic.fna
119	<i>Halorhabdus utahensis</i>	GCA_000023945.1_ASM2394v1_genomic.fna
120	<i>Acidianus hospitalis</i>	GCA_000213215.1_ASM21321v1_genomic.fna
121	<i>Vulcanisaeta moutnovskia</i>	GCA_000190315.1_ASM19031v1_genomic.fna
122	<i>Methanosaeta concilii</i>	GCA_000204415.1_ASM20441v1_genomic.fna
123	<i>Thermoproteus uzoniensis</i>	GCA_000193375.1_ASM19337v1_genomic.fna
124	<i>Pyrococcus yayanosii</i>	GCA_000215995.1_ASM21599v1_genomic.fna
125	<i>Metallosphaera cuprina</i>	GCA_000204925.1_ASM20492v1_genomic.fna
126	<i>Halorhabdus tiamatea</i>	GCA_000470655.1_HATI1_genomic.fna
127	<i>Nitrososphaera viennensis</i>	GCA_000698785.1_ASM69878v1_genomic.fna
128	<i>Thermococcus nautili</i>	GCA_000585495.1_ASM58549v1_genomic.fna
129	<i>Halobiforma lacisalsi</i>	GCA_000226975.3_ASM22697v3_genomic.fna
130	<i>Haloferax mediterranei</i>	GCA_000306765.2_ASM30676v2_genomic.fna
131	<i>Pyrobaculum oguniense</i>	GCA_000247545.1_ASM24754v1_genomic.fna
132	<i>Natronococcus occultus</i>	GCA_000328685.1_ASM32868v1_genomic.fna
133	<i>Natronomonas moolapensis</i>	GCA_000591055.1_ASM59105v1_genomic.fna

134	<i>Methanomethylovorans hollandica</i>	GCA_000328665.1_ASM32866v1_genomic.fna
135	<i>Natrinema pellirubrum</i>	GCA_000230735.3_ASM23073v3_genomic.fna
136	<i>Natronobacterium gregoryi</i>	GCA_000230715.3_ASM23071v3_genomic.fna
137	<i>Ignicoccus islandicus</i>	GCA_001481685.1_ASM148168v1_genomic.fna
138	<i>Methanoregula formicica</i>	GCA_000327485.1_ASM32748v1_genomic.fna
139	<i>Caldisphaera lagunensis</i>	GCA_000317795.1_ASM31779v1_genomic.fna
140	<i>Halostagnicola larsenii</i>	GCA_000517625.1_ASM51762v1_genomic.fna
141	<i>Thermoplasmatales archaeon</i>	GCA_000350305.1_ASM35030v1_genomic.fna
142	<i>Methanocella conradii</i>	GCA_000251105.1_ASM25110v1_genomic.fna
143	<i>Thermoproteus tenax</i>	GCA_000253055.1_ASM25305v1_genomic.fna
144	<i>Methanobacterium psychrophilus</i>	GCA_000306725.1_ASM30672v1_genomic.fna
145	<i>Methanosaeta harundinacea</i>	GCA_000235565.1_ASM23556v1_genomic.fna
146	<i>Thermococcus litoralis</i>	GCA_000246985.3_ASM24698v3_genomic.fna
147	<i>Fervidicoccus fontis</i>	GCA_000258425.1_ASM25842v1_genomic.fna
148	<i>Methanoculleus bourgensis</i>	GCA_000304355.2_Mb_MS2_genomic.fna
149	<i>Methanobacterium formicicum</i>	GCA_000762265.1_ASM76226v1_genomic.fna
150	<i>Haloferax gibbonsii</i>	GCA_001190965.1_ASM119096v1_genomic.fna
151	<i>Archaeoglobus sulfaticallidus</i>	GCA_000385565.1_ASM38556v1_genomic.fna
152	<i>Palaeococcus pacificus</i>	GCA_000725425.1_ASM72542v1_genomic.fna
153	<i>Thermogladius calderae</i>	GCA_000264495.1_ASM26449v1_genomic.fna
154	<i>Desulfurococcus amylolyticus</i>	GCA_000020905.1_ASM2090v1_genomic.fna
155	<i>Methanobacterium lacus</i>	GCA_000191585.1_ASM19158v1_genomic.fna
156	<i>Methanobacterium paludis</i>	GCA_000214725.1_ASM21472v1_genomic.fna
157	<i>Thermococcus eurythermalis</i>	GCA_000769655.1_ASM76965v1_genomic.fna
158	<i>Geoglobus acetivorans</i>	GCA_000789255.1_ASM78925v1_genomic.fna
159	<i>Thermophilum carboxyditrophus</i>	GCA_000813245.1_ASM81324v1_genomic.fna
160	<i>Thermococcus guaymasensis</i>	GCA_000816105.1_ASM81610v1_genomic.fna
161	<i>archaeon GW2011_AR10</i>	GCA_000830275.1_ASM83027v1_genomic.fna
162	<i>archaeon GW2011_AR20</i>	GCA_000830315.1_ASM83031v1_genomic.fna
163	<i>Methanosarcina thermophila</i>	GCA_000969885.1_ASM96988v1_genomic.fna
164	<i>Methanosarcina vacuolata</i>	GCA_000969905.1_ASM96990v1_genomic.fna
165	<i>Methanosarcina siciliae</i>	GCA_000970085.1_ASM97008v1_genomic.fna
166	<i>Methanosarcina lacustris</i>	GCA_000970265.1_ASM97026v1_genomic.fna
167	<i>Methanosarcina horonobensis</i>	GCA_000970285.1_ASM97028v1_genomic.fna

168	<i>Thermococcus paralvinellae</i>	GCA_000517445.1_ASM51744v1_genomic.fna
169	<i>Thermococcus cleftensis</i>	GCA_000265525.1_ASM26552v1_genomic.fna
170	<i>Geoglobus ahangari</i>	GCA_001006045.1_ASM100604v1_genomic.fna
171	<i>Halanaeroarchaeum sulfurireducens</i>	GCA_001011115.1_ASM101111v1_genomic.fna
172	<i>Thermococcus celer</i>	GCA_002214365.1_ASM221436v1_genomic.fna
173	<i>Thermococcus peptonophilus</i>	GCA_001592435.1_ASM159243v1_genomic.fna
174	<i>Pyrodictium delaneyi</i>	GCA_001412615.1_ASM141261v1_genomic.fna
175	<i>Thermococcus thioeducens</i>	GCA_002214545.1_ASM221454v1_genomic.fna
176	<i>Methanocaldococcus bathoardescens</i>	GCA_000739065.1_ASM73906v1_genomic.fna
177	<i>Pyrobaculum ferrireducens</i>	GCA_000234805.1_ASM23480v1_genomic.fna
178	<i>Methanobrevibacter millerae</i>	GCA_001477655.1_ASM147765v1_genomic.fna
179	<i>Halobacterium hubeiense</i>	GCA_001488575.1_Halobacterium_hubeiense_JI20-1_genomic.fna
180	methanogenic archaeon	GCA_001560915.1_ASM156091v1_genomic.fna
181	<i>Methanobrevibacter olleyae</i>	GCA_001563245.1_ASM156324v1_genomic.fna
182	<i>Thermococcus chitonophagus</i>	GCA_002214605.1_ASM221460v1_genomic.fna
183	<i>Thermococcus piezophilus</i>	GCA_001647085.1_ASM164708v1_genomic.fna
184	<i>Nanohaloarchaea archaeon</i>	GCA_001761425.1_ASM176142v1_genomic.fna
185	<i>Halopenitus persicus</i>	GCA_002355635.1_ASM235563v1_genomic.fna
186	<i>Methanohalophilus halophilus</i>	GCA_001889405.1_ASM188940v1_genomic.fna
187	<i>Methanobacterium congolense</i>	GCA_900095295.1_MCB_B_genomic.fna
188	<i>Halodesulfurarchaeum formicicum</i>	GCA_001886955.1_ASM188695v1_genomic.fna
189	<i>Pyrococcus kukulkanii</i>	GCA_001577775.1_ASM157777v1_genomic.fna
190	<i>Methanothermobacter wolfeii</i>	GCA_900095815.1_SIV6_genomic.fna
191	<i>Thermophilum adornatus</i>	GCA_000446015.1_ASM44601v1_genomic.fna
192	<i>Cuniculiplasma divulgatum</i>	GCA_900090055.1_C.divulgatum_PM4_genomic.fna
193	<i>Haloterrigena daqingensis</i>	GCA_001971705.1_ASM197170v1_genomic.fna
194	<i>Thermophilum uzonense</i>	GCA_000993805.1_ASM99380v1_genomic.fna
195	<i>Ferroplasma acidiphilum</i>	GCA_002078355.1_ASM207835v1_genomic.fna
196	<i>Acidianus manzaensis</i>	GCA_002116695.1_ASM211669v1_genomic.fna
197	<i>Natrialbaeae archaeon</i>	GCA_002156705.1_ASM215670v1_genomic.fna
198	<i>Thermococcus gorgonarius</i>	GCA_002214385.1_ASM221438v1_genomic.fna
199	<i>Thermococcus barossii</i>	GCA_002214465.1_ASM221446v1_genomic.fna
200	<i>Thermococcus pacificus</i>	GCA_002214485.1_ASM221448v1_genomic.fna
201	<i>Thermococcus siculi</i>	GCA_002214505.1_ASM221450v1_genomic.fna

202	<i>Thermococcus radiotolerans</i>	GCA_002214565.1_ASM221456v1_genomic.fna
203	<i>Thermococcus profundus</i>	GCA_002214585.1_ASM221458v1_genomic.fna
204	<i>Halorubrum trapanicum</i>	GCA_002355655.1_ASM235565v1_genomic.fna
205	<i>Cuniculiplasma divulgatum</i>	GCA_900083515.1_ASM90008351v1_genomic.fna
206	<i>Halodesulfurarchaeum formicicum</i>	GCA_001767315.1_ASM176731v1_genomic.fna
207	<i>Thermococcus chitonophagus</i>	GCA_900012635.1_Pyrococcus_chitonophagus_genome_sequence_genomic.fna
208	<i>Halanaeroarchaeum sulfurireducens</i>	GCA_001305655.1_ASM130565v1_genomic.fna
209	<i>Methanosarcina siciliae</i>	GCA_000970145.1_ASM97014v1_genomic.fna
210	<i>Methanosarcina thermophila</i>	GCA_000969925.1_ASM96992v1_genomic.fna
211	<i>Methanococcoides methylutens</i>	GCA_000970325.1_ASM97032v1_genomic.fna
212	<i>Desulfurococcus amylolyticus</i>	GCA_000231015.3_ASM23101v3_genomic.fna
213	<i>Aeropyrum camini</i>	GCA_000591035.1_ASM59103v1_genomic.fna
214	<i>Methanoculleus bourgensis</i>	GCA_900079125.1_MBBA_genomic.fna
215	<i>Haloarcula hispanica</i>	GCA_000504565.2_ASM50456v2_genomic.fna
216	<i>Thermococcus barophilus</i>	GCA_001433455.1_ASM143345v1_genomic.fna
217	<i>Haloquadratum walsbyi</i>	GCA_000009185.1_ASM918v1_genomic.fna
218	<i>Metallosphaera sedula</i>	GCA_001266655.1_ASM126665v1_genomic.fna
219	<i>Sulfolobus acidocaldarius</i>	GCA_000338775.1_ASM33877v1_genomic.fna
220	<i>Methanosarcina mazei</i>	GCA_000007065.1_ASM706v1_genomic.fna
221	<i>Pyrococcus furiosus</i>	GCA_000275605.1_ASM27560v1_genomic.fna
222	<i>Halobacterium salinarum</i>	GCA_000069025.1_ASM6902v1_genomic.fna
223	<i>Archaeoglobus fulgidus</i>	GCA_000734035.1_ASM73403v1_genomic.fna
224	<i>Methanosarcina barkeri</i>	GCA_000970305.1_ASM97030v1_genomic.fna
225	<i>Sulfolobus solfataricus</i>	GCA_000007005.1_ASM700v1_genomic.fna
226	<i>Sulfolobus islandicus</i>	GCA_000022405.1_ASM2240v1_genomic.fna
227	<i>Methanococcus maripaludis</i>	GCA_000220645.1_ASM22064v1_genomic.fna
228	<i>Methanococcus maripaludis</i>	GCA_000011585.1_ASM1158v1_genomic.fna
229	<i>Sulfolobus islandicus</i>	GCA_000022425.1_ASM2242v1_genomic.fna
230	<i>Sulfolobus solfataricus</i>	GCA_000024745.1_ASM2474v1_genomic.fna
231	<i>Methanosarcina barkeri</i>	GCA_000195895.1_ASM19589v1_genomic.fna
232	<i>Methanosarcina mazei</i>	GCA_000970165.1_ASM97016v1_genomic.fna
233	<i>Sulfolobus acidocaldarius</i>	GCA_000340315.1_ASM34031v1_genomic.fna
234	<i>Metallosphaera sedula</i>	GCA_001266675.1_ASM126667v1_genomic.fna
235	<i>Methanobacterium formicicum</i>	GCA_000953115.1_DSM1535_genomic.fna

236	<i>Methanosarcina siciliae</i>	GCA_000970125.1_ASM97012v1_genomic.fna
237	<i>Methanobacterium formicicum</i>	GCA_001458655.1_Mb9_genomic.fna
238	<i>Metallosphaera sedula</i>	GCA_001266695.1_ASM126669v1_genomic.fna
239	<i>Sulfolobus acidocaldarius</i>	GCA_002215405.1_ASM221540v1_genomic.fna
240	<i>Methanosarcina mazei</i>	GCA_000970185.1_ASM97018v1_genomic.fna
241	<i>Methanosarcina barkeri</i>	GCA_000969985.1_ASM96998v1_genomic.fna
242	<i>Sulfolobus solfataricus</i>	GCA_000968355.1_ASM96835v1_genomic.fna
243	<i>Sulfolobus islandicus</i>	GCA_000022445.1_ASM2244v1_genomic.fna
244	<i>Methanococcus maripaludis</i>	GCA_000016125.1_ASM1612v1_genomic.fna
245	<i>Methanococcus maripaludis</i>	GCA_000018485.1_ASM1848v1_genomic.fna
246	<i>Sulfolobus islandicus</i>	GCA_000022465.1_ASM2246v1_genomic.fna
247	<i>Sulfolobus solfataricus</i>	GCA_000968395.1_ASM96839v1_genomic.fna
248	<i>Methanosarcina barkeri</i>	GCA_000970065.1_ASM97006v1_genomic.fna
249	<i>Methanosarcina mazei</i>	GCA_000970225.1_ASM97022v1_genomic.fna
250	<i>Sulfolobus acidocaldarius</i>	GCA_002215445.1_ASM221544v1_genomic.fna
251	<i>Metallosphaera sedula</i>	GCA_001266715.1_ASM126671v1_genomic.fna
252	<i>Metallosphaera sedula</i>	GCA_001266735.1_ASM126673v1_genomic.fna
253	<i>Sulfolobus acidocaldarius</i>	GCA_002215485.1_ASM221548v1_genomic.fna
254	<i>Methanosarcina mazei</i>	GCA_000970245.1_ASM97024v1_genomic.fna
255	<i>Methanosarcina barkeri</i>	GCA_001027005.1_ASM102700v1_genomic.fna
256	<i>Sulfolobus solfataricus</i>	GCA_000968435.1_ASM96843v1_genomic.fna
257	<i>Sulfolobus islandicus</i>	GCA_000022485.1_ASM2248v1_genomic.fna
258	<i>Sulfolobus islandicus</i>	GCA_000189555.1_ASM18955v1_genomic.fna
259	<i>Sulfolobus acidocaldarius</i>	GCA_002215525.1_ASM221552v1_genomic.fna
260	<i>Sulfolobus acidocaldarius</i>	GCA_002215565.1_ASM221556v1_genomic.fna
261	<i>Sulfolobus islandicus</i>	GCA_000189575.1_ASM18957v1_genomic.fna
262	<i>Sulfolobus islandicus</i>	GCA_000364745.1_ASM36474v1_genomic.fna
263	<i>Sulfolobus acidocaldarius</i>	GCA_000508305.1_ASM50830v1_genomic.fna
264	<i>Methanosarcina mazei</i>	GCA_000341715.1_ASM34171v1_genomic.fna
265	<i>Campylobacter jejuni</i>	GCA_000009085.1_ASM908v1_genomic.fna
266	<i>Pseudomonas fluorescens</i>	GCA_000237065.1_ASM23706v1_genomic.fna
267	<i>Salmonella enterica</i>	GCA_000195995.1_ASM19599v1_genomic.fna
268	<i>Xanthomonas campestris</i>	GCA_000007145.1_ASM714v1_genomic.fna
269	<i>Yersinia pestis</i>	GCA_000009065.1_ASM906v1_genomic.fna

270	<i>Staphylococcus aureus</i>	GCA_000013425.1_ASM1342v1_genomic.fna
271	<i>Staphylococcus epidermidis</i>	GCA_000007645.1_ASM764v1_genomic.fna
272	<i>Lactococcus lactis</i>	GCA_000006865.1_ASM686v1_genomic.fna
273	<i>Bacillus cereus</i>	GCA_000007825.1_ASM782v1_genomic.fna
274	<i>Clostridium perfringens</i>	GCA_000013285.1_ASM1328v1_genomic.fna
275	<i>Listeria monocytogenes</i>	GCA_000196035.1_ASM19603v1_genomic.fna
276	<i>Mycobacterium avium</i>	GCA_000007865.1_ASM786v1_genomic.fna
277	<i>Actinobacillus pleuropneumoniae</i>	GCA_000015885.1_ASM1588v1_genomic.fna
278	<i>Tropheryma whipplei</i>	GCA_000007485.1_ASM748v1_genomic.fna
279	<i>Prochlorococcus marinus</i>	GCA_000007925.1_ASM792v1_genomic.fna
280	<i>Haemophilus influenzae</i>	GCA_000027305.1_ASM2730v1_genomic.fna
281	<i>Mycobacterium tuberculosis</i>	GCA_000195955.2_ASM19595v2_genomic.fna
282	<i>Escherichia coli</i>	GCA_000008865.1_ASM886v1_genomic.fna
283	<i>Helicobacter pylori</i>	GCA_000008525.1_ASM852v1_genomic.fna
284	<i>Chlamydomphila pneumoniae</i>	GCA_000008745.1_ASM874v1_genomic.fna
285	<i>Buchnera aphidicola</i>	GCA_000007365.1_ASM736v1_genomic.fna
286	<i>Neisseria meningitidis</i>	GCA_000008805.1_ASM880v1_genomic.fna
287	<i>Xylella fastidiosa</i>	GCA_000006725.1_ASM672v1_genomic.fna
288	<i>Streptococcus pyogenes</i>	GCA_000006785.2_ASM678v2_genomic.fna
289	<i>Streptococcus pneumoniae</i>	GCA_000007045.1_ASM704v1_genomic.fna
290	<i>Agrobacterium radiobacter</i>	GCA_000016265.1_ASM1626v1_genomic.fna
291	<i>Xanthomonas axonopodis</i>	GCA_000348585.1_ASM34858v1_genomic.fna
292	<i>Leptospira interrogans</i>	GCA_000092565.1_ASM9256v1_genomic.fna
293	<i>Fusobacterium nucleatum</i>	GCA_000007325.1_ASM732v1_genomic.fna
294	<i>Bacillus anthracis</i>	GCA_000007845.1_ASM784v1_genomic.fna
295	<i>Shigella flexneri</i>	GCA_000006925.2_ASM692v2_genomic.fna
296	<i>Bifidobacterium longum</i>	GCA_000007525.1_ASM752v1_genomic.fna
297	<i>Haemophilus somnus</i>	GCA_000019405.1_ASM1940v1_genomic.fna
298	<i>Pseudomonas syringae</i>	GCA_000012245.1_ASM1224v1_genomic.fna
299	<i>Streptococcus agalactiae</i>	GCA_000007265.1_ASM726v1_genomic.fna
300	<i>Pseudomonas aeruginosa</i>	GCA_000006765.1_ASM676v1_genomic.fna
301	<i>Vibrio vulnificus</i>	GCA_002215135.1_ASM221513v1_genomic.fna
302	<i>Mycoplasma hyopneumoniae</i>	GCA_000008205.1_ASM820v1_genomic.fna
303	<i>Streptococcus suis</i>	GCA_000026745.1_ASM2674v1_genomic.fna

304	<i>Chlorobium phaeobacteroides</i>	GCA_000015125.1_ASM1512v1_genomic.fna
305	<i>Paenarthrobacter aurescens</i>	GCA_000014925.1_ASM1492v1_genomic.fna
306	<i>Acinetobacter baumannii</i>	GCA_000746645.1_ASM74664v1_genomic.fna
307	<i>Anaplasma marginale</i>	GCA_000020305.1_ASM2030v1_genomic.fna
308	<i>Bacillus licheniformis</i>	GCA_000011645.1_ASM1164v1_genomic.fna
309	<i>Bacteroides fragilis</i>	GCA_000009925.1_ASM992v1_genomic.fna
310	<i>Shigella dysenteriae</i>	GCA_000012005.1_ASM1200v1_genomic.fna
311	<i>Legionella pneumophila</i>	GCA_000008485.1_ASM848v1_genomic.fna
312	<i>Shigella sonnei</i>	GCA_000092525.1_ASM9252v1_genomic.fna
313	<i>Streptococcus thermophilus</i>	GCA_000253395.1_ASM25339v1_genomic.fna
314	<i>Wolbachia endosymbiont</i>	GCA_000008385.1_ASM838v1_genomic.fna
315	<i>Shewanella baltica</i>	GCA_000178875.2_ASM17887v2_genomic.fna
316	<i>Synechococcus elongatus</i>	GCA_000010065.1_ASM1006v1_genomic.fna
317	<i>Shewanella putrefaciens</i>	GCA_000016585.1_ASM1658v1_genomic.fna
318	<i>Ehrlichia ruminantium</i>	GCA_000026005.1_ASM2600v1_genomic.fna
319	<i>Lactobacillus reuteri</i>	GCA_000016825.1_ASM1682v1_genomic.fna
320	<i>Bacillus pumilus</i>	GCA_001578205.1_ASM157820v1_genomic.fna
321	<i>Thermus thermophilus</i>	GCA_000091545.1_ASM9154v1_genomic.fna
322	<i>Corynebacterium glutamicum</i>	GCA_000011325.1_ASM1132v1_genomic.fna
323	<i>Chlamydia trachomatis</i>	GCA_000008725.1_ASM872v1_genomic.fna
324	<i>Mycoplasma genitalium</i>	GCA_000027325.1_ASM2732v1_genomic.fna
325	<i>Burkholderia cenocepacia</i>	GCA_000009485.1_ASM948v1_genomic.fna
326	<i>Burkholderia pseudomallei</i>	GCA_000011545.1_ASM1154v1_genomic.fna
327	<i>Burkholderia mallei</i>	GCA_000011705.1_ASM1170v1_genomic.fna
328	<i>Corynebacterium jeikeium</i>	GCA_000006605.1_ASM660v1_genomic.fna
329	<i>Ehrlichia chaffeensis</i>	GCA_000013145.1_ASM1314v1_genomic.fna
330	<i>Nitrosococcus oceani</i>	GCA_000012805.1_ASM1280v1_genomic.fna
331	<i>Bacillus thuringiensis</i>	GCA_000008505.1_ASM850v1_genomic.fna
332	<i>Ralstonia solanacearum</i>	GCA_000009125.1_ASM912v1_genomic.fna
333	<i>Shigella boydii</i>	GCA_000012025.1_ASM1202v1_genomic.fna
334	<i>Mycobacterium ulcerans</i>	GCA_000013925.2_ASM1392v2_genomic.fna
335	<i>Vibrio cholerae</i>	GCA_000006745.1_ASM674v1_genomic.fna
336	<i>Streptococcus salivarius</i>	GCA_000785515.1_ASM78551v1_genomic.fna
337	<i>Rhodopseudomonas palustris</i>	GCA_000013365.1_ASM1336v1_genomic.fna

338	<i>Rhodobacter sphaeroides</i>	GCA_000016405.1_ASM1640v1_genomic.fna
339	<i>Yersinia pseudotuberculosis</i>	GCA_000016945.1_ASM1694v1_genomic.fna
340	<i>Francisella tularensis</i>	GCA_000008985.1_ASM898v1_genomic.fna
341	<i>Lactobacillus delbrueckii</i>	GCA_000056065.1_ASM5606v1_genomic.fna
342	<i>Mycoplasma agalactiae</i>	GCA_000063605.1_ASM6360v1_genomic.fna
343	<i>Leptospira borgpetersenii</i>	GCA_000013945.1_ASM1394v1_genomic.fna
344	<i>Brucella abortus</i>	GCA_000008145.1_ASM814v1_genomic.fna
345	<i>Mycoplasma capricolum</i>	GCA_000012765.1_ASM1276v1_genomic.fna
346	<i>Bartonella bacilliformis</i>	GCA_000015445.1_ASM1544v1_genomic.fna
347	<i>Xanthomonas citri</i>	GCA_002218245.1_ASM221824v1_genomic.fna
348	<i>Campylobacter fetus</i>	GCA_000495505.1_ASM49550v1_genomic.fna
349	<i>Streptococcus mitis</i>	GCA_000027165.1_ASM2716v1_genomic.fna
350	<i>Xanthomonas oryzae</i>	GCA_000019585.2_ASM1958v2_genomic.fna
351	<i>Sodalis glossinidius</i>	GCA_000010085.1_ASM1008v1_genomic.fna
352	<i>Thermotoga neapolitana</i>	GCA_000018945.1_ASM1894v1_genomic.fna
353	<i>Salinispora tropica</i>	GCA_000016425.1_ASM1642v1_genomic.fna
354	<i>Clostridioides difficile</i>	GCA_000009205.1_ASM920v1_genomic.fna
355	<i>Roseobacter denitrificans</i>	GCA_000014045.1_ASM1404v1_genomic.fna
356	<i>Ralstonia eutropha</i>	GCA_000203875.1_ASM20387v1_genomic.fna
357	<i>Aeromonas salmonicida</i>	GCA_000196395.1_ASM19639v1_genomic.fna
358	<i>Desulfitobacterium hafniense</i>	GCA_000021925.1_ASM2192v1_genomic.fna
359	<i>Oenococcus oeni</i>	GCA_000014385.1_ASM1438v1_genomic.fna
360	<i>Coxiella burnetii</i>	GCA_000007765.2_ASM776v2_genomic.fna
361	<i>Lactobacillus casei</i>	GCA_000019245.3_ASM1924v3_genomic.fna
362	<i>Salinispora arenicola</i>	GCA_000018265.1_ASM1826v1_genomic.fna
363	<i>Desulfovibrio vulgaris</i>	GCA_000021385.1_ASM2138v1_genomic.fna
364	<i>Delftia acidovorans</i>	GCA_000018665.1_ASM1866v1_genomic.fna
365	<i>Rickettsia bellii</i>	GCA_000012385.1_ASM1238v1_genomic.fna
366	<i>Bacillus subtilis</i>	GCA_000009045.1_ASM904v1_genomic.fna
367	<i>Ralstonia pickettii</i>	GCA_000020205.1_ASM2020v1_genomic.fna
368	<i>Lactobacillus helveticus</i>	GCA_001308285.1_ASM130828v1_genomic.fna
369	<i>Geobacillus stearothermophilus</i>	GCA_001274575.1_ASM127457v1_genomic.fna
370	<i>Rickettsia rickettsii</i>	GCA_000017445.3_ASM1744v3_genomic.fna
371	<i>Photobacterium damsela</i>	GCA_002142615.1_ASM214261v1_genomic.fna

372	<i>Borrelia afzelii</i>	GCA_000304735.1_ASM30473v1_genomic.fna
373	<i>Bifidobacterium adolescentis</i>	GCA_000010425.1_ASM1042v1_genomic.fna
374	<i>Vibrio harveyi</i>	GCA_000770115.2_ASM77011v2_genomic.fna
375	<i>Saccharopolyspora erythraea</i>	GCA_000062885.1_ASM6288v1_genomic.fna
376	<i>Vibrio parahaemolyticus</i>	GCA_000196095.1_ASM19609v1_genomic.fna
377	<i>Lactococcus garvieae</i>	GCA_000269925.1_ASM26992v1_genomic.fna
378	<i>Methylobacterium extorquens</i>	GCA_000018845.1_ASM1884v1_genomic.fna
379	<i>Methylobacterium radiotolerans</i>	GCA_000019725.1_ASM1972v1_genomic.fna
380	<i>Orientia tsutsugamushi</i>	GCA_000063545.1_ASM6354v1_genomic.fna
381	<i>Lactobacillus fermentum</i>	GCA_000010145.1_ASM1014v1_genomic.fna
382	<i>Clostridium kluyveri</i>	GCA_000016505.1_ASM1650v1_genomic.fna
383	<i>Porphyromonas gingivalis</i>	GCA_000010505.1_ASM1050v1_genomic.fna
384	<i>Gramella forsetii</i>	GCA_000060345.1_ASM6034v1_genomic.fna
385	<i>Ureaplasma parvum</i>	GCA_000019345.1_ASM1934v1_genomic.fna
386	<i>Ureaplasma urealyticum</i>	GCA_000021265.1_ASM2126v1_genomic.fna
387	<i>Mycoplasma mycoides</i>	GCA_000011445.1_ASM1144v1_genomic.fna
388	<i>Burkholderia thailandensis</i>	GCA_000012365.1_ASM1236v1_genomic.fna
389	<i>Phaeobacter gallaeciensis</i>	GCA_000511385.1_ASM51138v1_genomic.fna
390	<i>Octadecabacter antarcticus</i>	GCA_000155675.2_ASM15567v2_genomic.fna
391	<i>Vibrio fischeri</i>	GCA_000011805.1_ASM1180v1_genomic.fna
392	<i>Burkholderia oklahomensis</i>	GCA_000755985.1_ASM75598v1_genomic.fna
393	<i>Clostridium botulinum</i>	GCA_000017045.1_ASM1704v1_genomic.fna
394	<i>Burkholderia multivorans</i>	GCA_000010545.1_ASM1054v1_genomic.fna
395	<i>Ochrobactrum anthropi</i>	GCA_000017405.1_ASM1740v1_genomic.fna
396	<i>Rickettsia prowazekii</i>	GCA_000195735.1_ASM19573v1_genomic.fna
397	<i>Treponema pallidum</i>	GCA_000604125.1_ASM60412v1_genomic.fna
398	<i>Borrelia burgdorferi</i>	GCA_000008685.2_ASM868v2_genomic.fna
399	<i>Rhizobium leguminosarum</i>	GCA_000021345.1_ASM2134v1_genomic.fna
400	<i>Anaeromyxobacter dehalogenans</i>	GCA_000022145.1_ASM2214v1_genomic.fna
401	<i>Clavibacter michiganensis</i>	GCA_000069225.1_ASM6922v1_genomic.fna
402	<i>Leptospira biflexa</i>	GCA_000017685.1_ASM1768v1_genomic.fna
403	<i>Mycobacterium marinum</i>	GCA_000723425.2_E11_genomic.fna
404	<i>Brucella canis</i>	GCA_000018525.1_ASM1852v1_genomic.fna
405	<i>Burkholderia ambifaria</i>	GCA_000019925.1_ASM1992v1_genomic.fna

406	<i>Brucella suis</i>	GCA_000007505.1_ASM750v1_genomic.fna
407	<i>Enterococcus faecalis</i>	GCA_000007785.1_ASM778v1_genomic.fna
408	<i>Bradyrhizobium japonicum</i>	GCA_000284375.1_ASM28437v1_genomic.fna
409	<i>Bifidobacterium dentium</i>	GCA_001042595.1_ASM104259v1_genomic.fna
410	<i>Klebsiella pneumoniae</i>	GCA_000240185.2_ASM24018v2_genomic.fna
411	<i>Gluconacetobacter diazotrophicus</i>	GCA_000021325.1_ASM2132v1_genomic.fna
412	<i>Microcystis aeruginosa</i>	GCA_000010625.1_ASM1062v1_genomic.fna
413	<i>Streptococcus dysgalactiae</i>	GCA_000317855.1_ASM31785v1_genomic.fna
414	<i>Rhizobium etli</i>	GCA_000092045.1_ASM9204v1_genomic.fna
415	<i>Chromohalobacter salexigens</i>	GCA_000055785.1_ASM5578v1_genomic.fna
416	<i>Bartonella tribocorum</i>	GCA_000196435.1_ASM19643v1_genomic.fna
417	<i>Ruminiclostridium thermocellum</i>	GCA_000015865.1_ASM1586v1_genomic.fna
418	<i>Streptomyces clavuligerus</i>	GCA_001693675.1_ASM169367v1_genomic.fna
419	<i>Borrelia garinii</i>	GCA_001922545.1_ASM192254v1_genomic.fna
420	<i>Chlamydia psittaci</i>	GCA_000204255.1_ASM20425v1_genomic.fna
421	<i>Bifidobacterium animalis</i>	GCA_000022965.1_ASM2296v1_genomic.fna
422	<i>Bacillus amyloliquefaciens</i>	GCA_000196735.1_ASM19673v1_genomic.fna
423	<i>Streptococcus mutans</i>	GCA_000007465.2_ASM746v2_genomic.fna
424	<i>Comamonas testosteroni</i>	GCA_000739375.1_ASM73937v1_genomic.fna
425	<i>Enterococcus faecium</i>	GCA_000174395.2_ASM17439v2_genomic.fna
426	<i>Neisseria gonorrhoeae</i>	GCA_000006845.1_ASM684v1_genomic.fna
427	<i>Bacillus mycoides</i>	GCA_000832605.1_ASM83260v1_genomic.fna
428	<i>Yersinia frederiksenii</i>	GCA_000834215.1_ASM83421v1_genomic.fna
429	<i>Yersinia kristensenii</i>	GCA_000834865.1_ASM83486v1_genomic.fna
430	<i>Alteromonas macleodii</i>	GCA_000172635.2_ASM17263v2_genomic.fna
431	<i>Stenotrophomonas maltophilia</i>	GCA_000072485.1_ASM7248v1_genomic.fna
432	<i>Bifidobacterium bifidum</i>	GCA_000165905.1_ASM16590v1_genomic.fna
433	<i>Micrococcus luteus</i>	GCA_000023205.1_ASM2320v1_genomic.fna
434	<i>Streptococcus equi</i>	GCA_000026605.1_ASM2660v1_genomic.fna
435	<i>Zymomonas mobilis</i>	GCA_000218875.1_ASM21887v1_genomic.fna
436	<i>Haemophilus parasuis</i>	GCA_000021885.1_ASM2188v1_genomic.fna
437	<i>Mycobacterium leprae</i>	GCA_000195855.1_ASM19585v1_genomic.fna
438	<i>Acetobacter pasteurianus</i>	GCA_001766235.1_ASM176623v1_genomic.fna
439	<i>Francisella tularensis</i>	GCA_000834965.1_ASM83496v1_genomic.fna

440	<i>Pasteurella multocida</i>	GCA_000754275.1_ASM75427v1_genomic.fna
441	<i>Lactobacillus rhamnosus</i>	GCA_000026505.1_ASM2650v1_genomic.fna
442	<i>Francisella philomiragia</i>	GCA_000019285.1_ASM1928v1_genomic.fna
443	<i>Thermomicrobium roseum</i>	GCA_000021685.1_ASM2168v1_genomic.fna
444	<i>Fibrobacter succinogenes</i>	GCA_000146505.1_ASM14650v1_genomic.fna
445	<i>Brucella pinnipedialis</i>	GCA_000221005.1_ASM22100v1_genomic.fna
446	<i>Brucella ceti</i>	GCA_000590795.1_ASM59079v1_genomic.fna
447	<i>Enterococcus gallinarum</i>	GCA_001558875.1_ASM155887v1_genomic.fna
448	<i>Enterococcus casseliflavus</i>	GCA_000157355.2_ASM15735v2_genomic.fna
449	<i>Caulobacter crescentus</i>	GCA_000006905.1_ASM690v1_genomic.fna
450	<i>Brucella melitensis</i>	GCA_000007125.1_ASM712v1_genomic.fna
451	<i>Dickeya dadantii</i>	GCA_000147055.1_ASM14705v1_genomic.fna
452	<i>Burkholderia glumae</i>	GCA_000022645.2_ASM2264v1_genomic.fna
453	<i>Clostridium sporogenes</i>	GCA_000973705.1_ASM97370v1_genomic.fna
454	<i>Streptococcus infantarius</i>	GCA_000246835.1_ASM24683v1_genomic.fna
455	<i>Providencia stuartii</i>	GCA_000259175.1_ASM25917v1_genomic.fna
456	<i>Parvimonas micra</i>	GCA_000800295.1_ASM80029v1_genomic.fna
457	<i>Desulfovibrio piger</i>	GCA_900116045.1_DESPIGER_genomic.fna
458	<i>Bacteroides caccae</i>	GCA_002222615.2_ASM222261v2_genomic.fna
459	<i>Bacteroides ovatus</i>	GCA_001314995.1_ASM131499v1_genomic.fna
460	<i>Treponema denticola</i>	GCA_000008185.1_ASM818v1_genomic.fna
461	<i>Azotobacter vinelandii</i>	GCA_000380335.1_ASM38033v1_genomic.fna
462	<i>Mesorhizobium loti</i>	GCA_000009625.1_ASM962v1_genomic.fna
463	<i>Sinorhizobium meliloti</i>	GCA_000006965.1_ASM696v1_genomic.fna
464	<i>Methylococcus capsulatus</i>	GCA_000008325.1_ASM832v1_genomic.fna
465	<i>Bordetella bronchiseptica</i>	GCA_000318015.1_ASM31801v1_genomic.fna
466	<i>Bordetella pertussis</i>	GCA_000195715.1_ASM19571v1_genomic.fna
467	<i>Bordetella parapertussis</i>	GCA_000317935.1_ASM31793v1_genomic.fna
468	<i>Haemophilus ducreyi</i>	GCA_000007945.1_ASM794v1_genomic.fna
469	<i>Rickettsia conorii</i>	GCA_000007025.1_ASM702v1_genomic.fna
470	<i>Dichelobacter nodosus</i>	GCA_000015345.1_ASM1534v1_genomic.fna
471	<i>Nitrosomonas europaea</i>	GCA_000009145.1_ASM914v1_genomic.fna
472	<i>Acidithiobacillus ferrooxidans</i>	GCA_000021485.1_ASM2148v1_genomic.fna
473	<i>Rhodospirillum rubrum</i>	GCA_000013085.1_ASM1308v1_genomic.fna

474	<i>Chloroflexus aurantiacus</i>	GCA_000018865.1_ASM1886v1_genomic.fna
475	<i>Ruminococcus albus</i>	GCA_000179635.2_ASM17963v2_genomic.fna
476	<i>Cytophaga hutchinsonii</i>	GCA_000014145.1_ASM1414v1_genomic.fna
477	<i>Deinococcus radiodurans</i>	GCA_000008565.1_ASM856v1_genomic.fna
478	<i>Streptococcus gordonii</i>	GCA_000017005.1_ASM1700v1_genomic.fna
479	<i>Clostridium acetobutylicum</i>	GCA_000008765.1_ASM876v1_genomic.fna
480	<i>Lactobacillus gasseri</i>	GCA_000014425.1_ASM1442v1_genomic.fna
481	<i>Corynebacterium diphtheriae</i>	GCA_001457455.1_NCTC11397_genomic.fna
482	<i>Listeria innocua</i>	GCA_000195795.1_ASM19579v1_genomic.fna
483	<i>Mycobacterium smegmatis</i>	GCA_000015005.1_ASM1500v1_genomic.fna
484	<i>Thermobifida fusca</i>	GCA_000012405.1_ASM1240v1_genomic.fna
485	<i>Mycoplasma pneumoniae</i>	GCA_000027345.1_ASM2734v1_genomic.fna
486	<i>Mycoplasma pulmonis</i>	GCA_000195875.1_ASM19587v1_genomic.fna
487	<i>Thermotoga maritima</i>	GCA_000008545.1_ASM854v1_genomic.fna
488	<i>Mycoplasma penetrans</i>	GCA_000011225.1_ASM1122v1_genomic.fna
489	<i>Geobacter metallireducens</i>	GCA_000012925.1_ASM1292v1_genomic.fna
490	<i>Streptomyces avermitilis</i>	GCA_000009765.2_ASM976v2_genomic.fna
491	<i>Yersinia enterocolitica</i>	GCA_000009345.1_ASM934v1_genomic.fna
492	<i>Geobacter sulfurreducens</i>	GCA_000007985.2_ASM798v2_genomic.fna
493	<i>Spiroplasma kunkelii</i>	GCA_001274875.1_ASM127487v1_genomic.fna
494	<i>Novosphingobium aromaticivorans</i>	GCA_000013325.1_ASM1332v1_genomic.fna
495	<i>Dehalococcoides mccartyi</i>	GCA_000011905.1_ASM1190v1_genomic.fna
496	<i>Aquifex aeolicus</i>	GCA_000008625.1_ASM862v1_genomic.fna
497	<i>Nostoc punctiforme</i>	GCA_000020025.1_ASM2002v1_genomic.fna
498	<i>Chlamydomonas reinhardtii</i>	GCA_000007605.1_ASM760v1_genomic.fna
499	<i>Chlamydia muridarum</i>	GCA_000006685.1_ASM668v1_genomic.fna
500	<i>Bacillus halodurans</i>	GCA_000011145.1_ASM1114v1_genomic.fna
501	<i>Streptomyces coelicolor</i>	GCA_000203835.1_ASM20383v1_genomic.fna
502	<i>Cupriavidus metallidurans</i>	GCA_000196015.1_ASM19601v1_genomic.fna
503	<i>Carboxydotherrhus hydrogenoformans</i>	GCA_000012865.1_ASM1286v1_genomic.fna
504	<i>Paraburkholderia xenovorans</i>	GCA_000013645.1_ASM1364v1_genomic.fna
505	<i>Wolbachia endosymbiont</i>	GCA_000008025.1_ASM802v1_genomic.fna
506	<i>Wigglesworthia glossinidia</i>	GCA_000008885.1_ASM888v1_genomic.fna
507	<i>Ruegeria pomeroyi</i>	GCA_000011965.2_ASM1196v2_genomic.fna

508	<i>Oceanobacillus iheyensis</i>	GCA_000011245.1_ASM1124v1_genomic.fna
509	<i>Colwellia psychrerythraea</i>	GCA_000012325.1_ASM1232v1_genomic.fna
510	<i>Corynebacterium efficiens</i>	GCA_000011305.1_ASM1130v1_genomic.fna
511	<i>Thermosynechococcus elongatus</i>	GCA_000011345.1_ASM1134v1_genomic.fna
512	<i>Chlorobium tepidum</i>	GCA_000006985.1_ASM698v1_genomic.fna
513	<i>Leuconostoc mesenteroides</i>	GCA_000014445.1_ASM1444v1_genomic.fna
514	<i>Saccharophagus degradans</i>	GCA_000013665.1_ASM1366v1_genomic.fna
515	<i>Trichodesmium erythraeum</i>	GCA_000014265.1_ASM1426v1_genomic.fna
516	<i>Shewanella oneidensis</i>	GCA_000146165.2_ASM14616v2_genomic.fna
517	<i>Anaplasma phagocytophilum</i>	GCA_000013125.1_ASM1312v1_genomic.fna
518	<i>Bordetella avium</i>	GCA_000070465.1_ASM7046v1_genomic.fna
519	<i>Chlamydia abortus</i>	GCA_000026025.1_ASM2602v1_genomic.fna
520	<i>Acidobacterium capsulatum</i>	GCA_000022565.1_ASM2256v1_genomic.fna
521	<i>Neorickettsia sennetsu</i>	GCA_000013165.1_ASM1316v1_genomic.fna
522	<i>Pectobacterium atrosepticum</i>	GCA_000011605.1_ASM1160v1_genomic.fna
523	<i>Salmonella bongori</i>	GCA_000252995.1_ASM25299v1_genomic.fna
524	<i>Streptococcus uberis</i>	GCA_000009545.1_ASM954v1_genomic.fna
525	<i>Chlamydia felis</i>	GCA_000009945.1_ASM994v1_genomic.fna
526	<i>Bacteroides thetaiotaomicron</i>	GCA_000011065.1_ASM1106v1_genomic.fna
527	<i>Rhodopirellula baltica</i>	GCA_000196115.1_ASM19611v1_genomic.fna
528	<i>Bartonella quintana</i>	GCA_000046685.1_ASM4668v1_genomic.fna
529	<i>Rhodobacter capsulatus</i>	GCA_000021865.1_ASM2186v1_genomic.fna
530	<i>Clostridium tetani</i>	GCA_000007625.1_ASM762v1_genomic.fna
531	<i>Lactobacillus acidophilus</i>	GCA_000011985.1_ASM1198v1_genomic.fna
532	<i>Lawsonia intracellularis</i>	GCA_000055945.1_ASM5594v1_genomic.fna
533	<i>Helicobacter hepaticus</i>	GCA_000007905.1_ASM790v1_genomic.fna
534	<i>Bartonella henselae</i>	GCA_000046705.1_ASM4670v1_genomic.fna
535	<i>Leifsonia xyli</i>	GCA_000470775.1_ASM47077v1_genomic.fna
536	<i>Mannheimia haemolytica</i>	GCA_000376645.1_ASM37664v1_genomic.fna
537	<i>Lactobacillus plantarum</i>	GCA_000203855.3_ASM20385v3_genomic.fna
538	<i>Pediococcus pentosaceus</i>	GCA_000014505.1_ASM1450v1_genomic.fna
539	<i>Lactobacillus brevis</i>	GCA_000014465.1_ASM1446v1_genomic.fna
540	<i>Brevibacterium linens</i>	GCA_001606005.1_ASM160600v1_genomic.fna
541	<i>Serratia marcescens</i>	GCA_000513215.1_DB11_genomic.fna

542	<i>Mycoplasma gallisepticum</i>	GCA_000092585.1_ASM9258v1_genomic.fna
543	<i>Wolinella succinogenes</i>	GCA_000196135.1_ASM19613v1_genomic.fna
544	<i>Chromobacterium violaceum</i>	GCA_000007705.1_ASM770v1_genomic.fna
545	<i>Myxococcus xanthus</i>	GCA_000012685.1_ASM1268v1_genomic.fna
546	<i>Mycoplasma arthritidis</i>	GCA_000020065.1_ASM2006v1_genomic.fna
547	<i>Photorhabdus luminescens</i>	GCA_000196155.1_ASM19615v1_genomic.fna
548	<i>Gloeobacter violaceus</i>	GCA_000011385.1_ASM1138v1_genomic.fna
549	Onion yellows	GCA_000009845.1_ASM984v1_genomic.fna
550	<i>Methylobacillus flagellatus</i>	GCA_000013705.1_ASM1370v1_genomic.fna
551	<i>Moorella thermoacetica</i>	GCA_000013105.1_ASM1310v1_genomic.fna
552	<i>Exiguobacterium sibiricum</i>	GCA_000019905.1_ASM1990v1_genomic.fna
553	<i>Mesoplasma florum</i>	GCA_000008305.1_ASM830v1_genomic.fna
554	<i>Rubrobacter xylanophilus</i>	GCA_000014185.1_ASM1418v1_genomic.fna
555	<i>Kineococcus radiotolerans</i>	GCA_000017305.1_ASM1730v1_genomic.fna
556	<i>Ehrlichia canis</i>	GCA_000012565.1_ASM1256v1_genomic.fna
557	<i>Burkholderia vietnamiensis</i>	GCA_000959445.1_ASM95944v1_genomic.fna
558	<i>Methylibium petroleiphilum</i>	GCA_000015725.1_ASM1572v1_genomic.fna
559	<i>Propionibacterium acnes</i>	GCA_000008345.1_ASM834v1_genomic.fna
560	<i>Baumannia cicadellinicola</i>	GCA_000013185.1_ASM1318v1_genomic.fna
561	<i>Staphylococcus haemolyticus</i>	GCA_000009865.1_ASM986v1_genomic.fna
562	<i>Brucella ovis</i>	GCA_000016845.1_ASM1684v1_genomic.fna
563	<i>Campylobacter coli</i>	GCA_002024185.1_ASM202418v1_genomic.fna
564	<i>Mycoplasma bovis</i>	GCA_000183385.1_ASM18338v1_genomic.fna
565	<i>Campylobacter lari</i>	GCA_000019205.1_ASM1920v1_genomic.fna
566	<i>Persephonella marina</i>	GCA_000021565.1_ASM2156v1_genomic.fna
567	<i>Simkania negevensis</i>	GCA_000237205.1_ASM23720v1_genomic.fna
568	<i>Sulfurihydrogenibium azorense</i>	GCA_000021545.1_ASM2154v1_genomic.fna
569	<i>Erwinia amylovora</i>	GCA_000091565.1_ASM9156v1_genomic.fna
570	<i>Chlorobium limicola</i>	GCA_000020465.1_ASM2046v1_genomic.fna
571	<i>Chlorobium phaeovibrioides</i>	GCA_000016085.1_ASM1608v1_genomic.fna
572	<i>Halobacteriovorax marinus</i>	GCA_000210915.2_ASM21091v2_genomic.fna
573	<i>Proteus mirabilis</i>	GCA_000069965.1_ASM6996v1_genomic.fna
574	<i>Klebsiella oxytoca</i>	GCA_001022195.1_ASM102219v1_genomic.fna
575	<i>Clostridium beijerinckii</i>	GCA_000833105.2_ASM83310v2_genomic.fna

576	<i>Cronobacter sakazakii</i>	GCA_000982825.1_ASM98282v1_genomic.fna
577	<i>Citrobacter koseri</i>	GCA_000018045.1_ASM1804v1_genomic.fna
578	<i>Rickettsia canadensis</i>	GCA_000014345.1_ASM1434v1_genomic.fna
579	<i>Rickettsia akari</i>	GCA_000018205.1_ASM1820v1_genomic.fna
580	<i>Streptomyces scabiei</i>	GCA_000091305.1_ASM9130v1_genomic.fna
581	<i>Acaryochloris marina</i>	GCA_000018105.1_ASM1810v1_genomic.fna
582	<i>Pelodictyon phaeoclathratiforme</i>	GCA_000020645.1_ASM2064v1_genomic.fna
583	<i>Syntrophobacter fumaroxidans</i>	GCA_000014965.1_ASM1496v1_genomic.fna
584	<i>Syntrophomonas wolfei</i>	GCA_000014725.1_ASM1472v1_genomic.fna
585	<i>Hydrogenovibrio crunogenus</i>	GCA_000012605.1_ASM1260v1_genomic.fna
586	<i>Sulfurimonas denitrificans</i>	GCA_000012965.1_ASM1296v1_genomic.fna
587	<i>Prosthecochloris aestuarii</i>	GCA_000020625.1_ASM2062v1_genomic.fna
588	<i>Desulfotalea psychrophila</i>	GCA_000025945.1_ASM2594v1_genomic.fna
589	<i>Thiobacillus denitrificans</i>	GCA_000012745.1_ASM1274v1_genomic.fna
590	<i>Mannheimia succiniciproducens</i>	GCA_000007745.1_ASM774v1_genomic.fna
591	<i>Nocardia farcinica</i>	GCA_001182745.2_NCTC11134_genomic.fna
592	<i>Eubacterium eligens</i>	GCA_000146185.1_ASM14618v1_genomic.fna
593	<i>Photobacterium profundum</i>	GCA_000196255.1_ASM19625v1_genomic.fna
594	<i>Marinobacter hydrocarbonoclasticus</i>	GCA_000284615.1_ASM28461v1_genomic.fna
595	<i>Nautilia profundicola</i>	GCA_000021725.1_ASM2172v1_genomic.fna
596	<i>Aromatoleum aromaticum</i>	GCA_000025965.1_ASM2596v1_genomic.fna
597	<i>Lactobacillus salivarius</i>	GCA_000008925.1_ASM892v1_genomic.fna
598	<i>Bacillus clausii</i>	GCA_000009825.1_ASM982v1_genomic.fna
599	<i>Gluconobacter oxydans</i>	GCA_000011685.1_ASM1168v1_genomic.fna
600	<i>Pelobacter carbinolicus</i>	GCA_000012885.1_ASM1288v1_genomic.fna
601	<i>Wolbachia endosymbiont</i>	GCA_000376585.1_ASM37658v1_genomic.fna
602	<i>Actinobacillus succinogenes</i>	GCA_000017245.1_ASM1724v1_genomic.fna
603	<i>Bacillus selenitireducens</i>	GCA_000093085.1_ASM9308v1_genomic.fna
604	<i>Agrobacterium vitis</i>	GCA_000016285.1_ASM1628v1_genomic.fna
605	<i>Enterobacter cloacae</i>	GCA_000025565.1_ASM2556v1_genomic.fna
606	<i>Bacteroides vulgatus</i>	GCA_000012825.1_ASM1282v1_genomic.fna
607	<i>Pelobacter propionicus</i>	GCA_000015045.1_ASM1504v1_genomic.fna
608	<i>Shewanella amazonensis</i>	GCA_000015245.1_ASM1524v1_genomic.fna
609	<i>Shewanella denitrificans</i>	GCA_000013765.1_ASM1376v1_genomic.fna

610	<i>Shewanella frigidimarina</i>	GCA_000014705.1_ASM1470v1_genomic.fna
611	<i>Xenorhabdus bovienii</i>	GCA_000027225.1_ASM2722v1_genomic.fna
612	<i>Xenorhabdus nematophila</i>	GCA_000953355.1_XNC2_genomic.fna
613	<i>Spiroplasma citri</i>	GCA_001886855.1_ASM188685v1_genomic.fna
614	<i>Moraxella catarrhalis</i>	GCA_000092265.1_ASM9226v1_genomic.fna
615	<i>Mycoplasma fermentans</i>	GCA_000186005.1_ASM18600v1_genomic.fna
616	<i>Polaromonas naphthalenivorans</i>	GCA_000015505.1_ASM1550v1_genomic.fna
617	<i>Citrobacter rodentium</i>	GCA_000027085.1_ASM2708v1_genomic.fna
618	<i>Desulfotomaculum reducens</i>	GCA_000016165.1_ASM1616v1_genomic.fna
619	<i>Helicobacter mustelae</i>	GCA_000091985.1_ASM9198v1_genomic.fna
620	<i>Heliobacterium modesticaldum</i>	GCA_000019165.1_ASM1916v1_genomic.fna
621	<i>Listeria ivanovii</i>	GCA_000252975.1_ASM25297v1_genomic.fna
622	<i>Deinococcus geothermalis</i>	GCA_000196275.1_ASM19627v1_genomic.fna
623	<i>Listeria seeligeri</i>	GCA_000027145.1_ASM2714v1_genomic.fna
624	<i>Listeria welshimeri</i>	GCA_000060285.1_ASM6028v1_genomic.fna
625	<i>Pseudoalteromonas atlantica</i>	GCA_000014225.1_ASM1422v1_genomic.fna
626	<i>Roseiflexus castenholzii</i>	GCA_000017805.1_ASM1780v1_genomic.fna
627	<i>Caldicellulosiruptor saccharolyticus</i>	GCA_000016545.1_ASM1654v1_genomic.fna
628	<i>Herminiimonas arsenicoxydans</i>	GCA_000026125.1_ASM2612v1_genomic.fna
629	<i>Edwardsiella ictaluri</i>	GCA_000022885.2_ASM2288v2_genomic.fna
630	<i>Neisseria lactamica</i>	GCA_000196295.1_ASM19629v1_genomic.fna
631	<i>Nitrobacter hamburgensis</i>	GCA_000013885.1_ASM1388v1_genomic.fna
632	<i>Nitrobacter winogradskyi</i>	GCA_000012725.1_ASM1272v1_genomic.fna
633	<i>Aster yellows</i>	GCA_000012225.1_ASM1222v1_genomic.fna
634	<i>Erythrobacter litoralis</i>	GCA_000013005.1_ASM1300v1_genomic.fna
635	<i>Parabacteroides distasonis</i>	GCA_000012845.1_ASM1284v1_genomic.fna
636	<i>Bifidobacterium breve</i>	GCA_001025175.1_ASM102517v1_genomic.fna
637	<i>Psychroflexus torquis</i>	GCA_000153485.2_ASM15348v2_genomic.fna
638	<i>Clostridium ljungdahlii</i>	GCA_000143685.1_ASM14368v1_genomic.fna
639	<i>Bacillus mycoides</i>	GCA_000775975.1_ASM77597v1_genomic.fna
640	<i>Croceibacter atlanticus</i>	GCA_000196315.1_ASM19631v1_genomic.fna
641	<i>Rhodococcus jostii</i>	GCA_000014565.1_ASM1456v1_genomic.fna
642	<i>Rickettsia felis</i>	GCA_000012145.1_ASM1214v1_genomic.fna
643	<i>Shewanella loihica</i>	GCA_000016065.1_ASM1606v1_genomic.fna

644	<i>Sphingopyxis alaskensis</i>	GCA_000013985.1_ASM1398v1_genomic.fna
645	<i>Rhodoferrax ferrireducens</i>	GCA_000013605.1_ASM1360v1_genomic.fna
646	<i>Nitrospira multiformis</i>	GCA_000196355.1_ASM19635v1_genomic.fna
647	<i>Nitrosomonas eutropha</i>	GCA_000014765.1_ASM1476v1_genomic.fna
648	<i>Psychrobacter cryohalolentis</i>	GCA_000013905.1_ASM1390v1_genomic.fna
649	<i>Chlorobium chlorochromatii</i>	GCA_000012585.1_ASM1258v1_genomic.fna
650	<i>Streptococcus sanguinis</i>	GCA_000014205.1_ASM1420v1_genomic.fna
651	<i>Staphylococcus saprophyticus</i>	GCA_000010125.1_ASM1012v1_genomic.fna
652	<i>Pseudothermotoga lettingae</i>	GCA_000017865.1_ASM1786v1_genomic.fna
653	<i>Stigmatella aurantiaca</i>	GCA_000165485.1_ASM16548v1_genomic.fna
654	<i>Bacillus coagulans</i>	GCA_000832905.1_ASM83290v1_genomic.fna
655	<i>Mycobacterium abscessus</i>	GCA_000069185.1_ASM6918v1_genomic.fna
656	<i>Desulfovibrio magneticus</i>	GCA_000010665.1_ASM1066v1_genomic.fna
657	<i>Herbaspirillum seropedicae</i>	GCA_001040945.1_ASM104094v1_genomic.fna
658	<i>Alkalilimnicola ehrlichii</i>	GCA_000014785.1_ASM1478v1_genomic.fna
659	<i>Mycobacterium vanbaalenii</i>	GCA_000015305.1_ASM1530v1_genomic.fna
660	<i>Halorhodospira halophila</i>	GCA_000015585.1_ASM1558v1_genomic.fna
661	<i>Geobacter uraniireducens</i>	GCA_000016745.1_ASM1674v1_genomic.fna
662	<i>Acidiphilium cryptum</i>	GCA_000016725.1_ASM1672v1_genomic.fna
663	<i>Hahella chejuensis</i>	GCA_000012985.1_ASM1298v1_genomic.fna
664	<i>Shewanella violacea</i>	GCA_000091325.1_ASM9132v1_genomic.fna
665	<i>Xanthobacter autotrophicus</i>	GCA_000017645.1_ASM1764v1_genomic.fna
666	<i>Paenibacillus polymyxa</i>	GCA_000164985.2_ASM16498v2_genomic.fna
667	<i>Leuconostoc citreum</i>	GCA_000026405.1_ASM2640v1_genomic.fna
668	<i>Alkaliphilus oremlandii</i>	GCA_000018325.1_ASM1832v1_genomic.fna
669	<i>Flavobacterium johnsoniae</i>	GCA_000016645.1_ASM1664v1_genomic.fna
670	<i>Collimonas fungivorans</i>	GCA_000221045.1_ASM22104v1_genomic.fna
671	<i>Legionella longbeachae</i>	GCA_000091785.1_ASM9178v1_genomic.fna
672	<i>Acidothermus cellulolyticus</i>	GCA_000015025.1_ASM1502v1_genomic.fna
673	<i>Zobellia galactanivorans</i>	GCA_000973105.1_ASM97310v1_genomic.fna
674	<i>Yersinia intermedia</i>	GCA_000834515.1_ASM83451v1_genomic.fna
675	<i>Salinibacter ruber</i>	GCA_000013045.1_ASM1304v1_genomic.fna
676	<i>Lachnoclostridium phytofermentans</i>	GCA_000018685.1_ASM1868v1_genomic.fna
677	<i>Psychromonas ingrahamii</i>	GCA_000015285.1_ASM1528v1_genomic.fna

678	<i>Syntrophus aciditrophicus</i>	GCA_000013405.1_ASM1340v1_genomic.fna
679	<i>Ramlibacter tataouinensis</i>	GCA_000215705.1_ASM21570v1_genomic.fna
680	<i>Polynucleobacter necessarius</i>	GCA_000019745.1_ASM1974v1_genomic.fna
681	<i>Deinococcus deserti</i>	GCA_000020685.1_ASM2068v1_genomic.fna
682	<i>Burkholderia dolosa</i>	GCA_000959505.1_ASM95950v1_genomic.fna
683	<i>Herpetosiphon aurantiacus</i>	GCA_000018565.1_ASM1856v1_genomic.fna
684	<i>Halothermothrix orenii</i>	GCA_000020485.1_ASM2048v1_genomic.fna
685	<i>Sinorhizobium medicae</i>	GCA_000017145.1_ASM1714v1_genomic.fna
686	<i>Aeromonas hydrophila</i>	GCA_000014805.1_ASM1480v1_genomic.fna
687	<i>Propionibacterium freudenreichii</i>	GCA_000940845.1_ASM94084v1_genomic.fna
688	<i>Chloroflexus aggregans</i>	GCA_000021945.1_ASM2194v1_genomic.fna
689	<i>Fervidobacterium nodosum</i>	GCA_000017545.1_ASM1754v1_genomic.fna
690	<i>Pseudomonas entomophila</i>	GCA_000026105.1_ASM2610v1_genomic.fna
691	<i>Pseudomonas stutzeri</i>	GCA_000590475.1_ASM59047v1_genomic.fna
692	<i>Clostridium novyi</i>	GCA_000014125.1_ASM1412v1_genomic.fna
693	<i>Thermotoga petrophila</i>	GCA_000016785.1_ASM1678v1_genomic.fna
694	<i>Streptococcus iniae</i>	GCA_000831485.1_ASM83148v1_genomic.fna
695	<i>Granulibacter bethesdensis</i>	GCA_000014285.2_ASM1428v2_genomic.fna
696	<i>Campylobacter concisus</i>	GCA_001298465.1_ASM129846v1_genomic.fna
697	<i>Campylobacter curvus</i>	GCA_000017465.2_ASM1746v2_genomic.fna
698	<i>Verminephrobacter eiseniae</i>	GCA_000015565.1_ASM1556v1_genomic.fna
699	<i>Thermosipho melanesiensis</i>	GCA_000016905.1_ASM1690v1_genomic.fna
700	<i>Sphingomonas wittichii</i>	GCA_000016765.1_ASM1676v1_genomic.fna
701	<i>Frankia alni</i>	GCA_000058485.1_ASM5848v1_genomic.fna
702	<i>Paraburkholderia phymatum</i>	GCA_000020045.1_ASM2004v1_genomic.fna
703	<i>Shewanella pealeana</i>	GCA_000018285.1_ASM1828v1_genomic.fna
704	<i>Dinoroseobacter shibae</i>	GCA_000018145.1_ASM1814v1_genomic.fna
705	<i>Clostridium cellulolyticum</i>	GCA_000022065.1_ASM2206v1_genomic.fna
706	<i>Geobacter lovleyi</i>	GCA_000020385.1_ASM2038v1_genomic.fna
707	<i>Shewanella woodyi</i>	GCA_000019525.1_ASM1952v1_genomic.fna
708	<i>Helicobacter acinonychis</i>	GCA_000009305.1_ASM930v1_genomic.fna
709	<i>Maricaulis maris</i>	GCA_000014745.1_ASM1474v1_genomic.fna
710	<i>Pseudomonas mendocina</i>	GCA_000016565.1_ASM1656v1_genomic.fna
711	<i>Serratia proteamaculans</i>	GCA_000018085.1_ASM1808v1_genomic.fna

712	<i>Petroglossus mobilis</i>	GCA_000018605.1_ASM1860v1_genomic.fna
713	<i>Geobacter bemidjiensis</i>	GCA_000020725.1_ASM2072v1_genomic.fna
714	<i>Paraburkholderia phytofirmans</i>	GCA_000020125.1_ASM2012v1_genomic.fna
715	<i>Parvibaculum lavamentivorans</i>	GCA_000017565.1_ASM1756v1_genomic.fna
716	<i>Shewanella piezotolerans</i>	GCA_000014885.1_ASM1488v1_genomic.fna
717	<i>Desulfococcus oleovorans</i>	GCA_000018405.1_ASM1840v1_genomic.fna
718	<i>Borrelia duttonii</i>	GCA_000019685.1_ASM1968v1_genomic.fna
719	<i>Borrelia recurrentis</i>	GCA_000019705.1_ASM1970v1_genomic.fna
720	<i>Rickettsia africae</i>	GCA_000023005.1_ASM2300v1_genomic.fna
721	<i>Rickettsia massiliae</i>	GCA_000016625.1_ASM1662v1_genomic.fna
722	<i>Rhodospirillum centenum</i>	GCA_000016185.1_ASM1618v1_genomic.fna
723	<i>Labrenzia aggregata</i>	GCA_001999245.1_ASM199924v1_genomic.fna
724	<i>Geobacillus thermodenitrificans</i>	GCA_000015745.1_ASM1574v1_genomic.fna
725	<i>Shewanella sediminis</i>	GCA_000018025.1_ASM1802v1_genomic.fna
726	<i>Fingoldia magna</i>	GCA_000010185.1_ASM1018v1_genomic.fna
727	<i>Burkholderia ubonensis</i>	GCA_000959245.1_ASM95924v1_genomic.fna
728	<i>Pelotomaculum thermopropionicum</i>	GCA_000010565.1_ASM1056v1_genomic.fna
729	<i>Magnetospirillum gryphiswaldense</i>	GCA_000513295.1_MGMSRv2_genomic.fna
730	<i>Neorickettsia risticii</i>	GCA_000022525.1_ASM2252v1_genomic.fna
731	<i>Renibacterium salmoninarum</i>	GCA_000018885.1_ASM1888v1_genomic.fna
732	<i>Acholeplasma laidlawii</i>	GCA_000018785.1_ASM1878v1_genomic.fna
733	<i>Azorhizobium caulinodans</i>	GCA_000010525.1_ASM1052v1_genomic.fna
734	<i>Caldanaerobacter subterraneus</i>	GCA_000007085.1_ASM708v1_genomic.fna
735	<i>Marinitoga piezophila</i>	GCA_000255135.1_ASM25513v1_genomic.fna
736	<i>Roseobacter litoralis</i>	GCA_000154785.2_ASM15478v2_genomic.fna
737	<i>Vibrio shilonii</i>	GCA_002214345.1_ASM221434v1_genomic.fna
738	<i>Methylobacterium populi</i>	GCA_000019945.1_ASM1994v1_genomic.fna
739	<i>Desulfatibacillum alkenivorans</i>	GCA_000021905.1_ASM2190v1_genomic.fna
740	<i>Lysinibacillus sphaericus</i>	GCA_001753205.1_ASM175320v1_genomic.fna
741	<i>Elusimicrobium minutum</i>	GCA_000020145.1_ASM2014v1_genomic.fna
742	<i>Borrelia valaisiana</i>	GCA_000739475.1_ASM73947v1_genomic.fna
743	<i>Phenylobacterium zucineum</i>	GCA_000017265.1_ASM1726v1_genomic.fna
744	<i>Flavobacterium psychrophilum</i>	GCA_000064305.2_ASM6430v2_genomic.fna
745	<i>Opitutus terrae</i>	GCA_000019965.1_ASM1996v1_genomic.fna

746	<i>Pseudarthrobacter chlorophenicus</i>	GCA_000022025.1_ASM2202v1_genomic.fna
747	<i>Clostridium butyricum</i>	GCA_001456065.2_ASM145606v2_genomic.fna
748	<i>Leptothrix cholodnii</i>	GCA_000019785.1_ASM1978v1_genomic.fna
749	<i>Campylobacter hominis</i>	GCA_000017585.1_ASM1758v1_genomic.fna
750	<i>Pseudarthrobacter phenanthrenivorans</i>	GCA_000189535.1_ASM18953v1_genomic.fna
751	<i>Akkermansia muciniphila</i>	GCA_000020225.1_ASM2022v1_genomic.fna
752	<i>Mycobacterium liflandii</i>	GCA_000026445.2_ASM2644v2_genomic.fna
753	<i>Shewanella halifaxensis</i>	GCA_000019185.1_ASM1918v1_genomic.fna
754	<i>Methylobacterium nodulans</i>	GCA_000022085.1_ASM2208v1_genomic.fna
755	<i>Erwinia tasmaniensis</i>	GCA_000026185.1_ASM2618v1_genomic.fna
756	<i>Methylocella silvestris</i>	GCA_000021745.1_ASM2174v1_genomic.fna
757	<i>Beijerinckia indica</i>	GCA_000019845.1_ASM1984v1_genomic.fna
758	<i>Desulfobacterium autotrophicum</i>	GCA_000020365.1_ASM2036v1_genomic.fna
759	<i>Gemmatimonas aurantiaca</i>	GCA_000010305.1_ASM1030v1_genomic.fna
760	<i>Natranaerobius thermophilus</i>	GCA_000020005.1_ASM2000v1_genomic.fna
761	<i>Macrococcus caseolyticus</i>	GCA_000010585.1_ASM1058v1_genomic.fna
762	<i>Rhodococcus erythropolis</i>	GCA_000454045.1_ASM45404v1_genomic.fna
763	<i>Psychrobacter arcticus</i>	GCA_000012305.1_ASM1230v1_genomic.fna
764	<i>Dechloromonas aromatica</i>	GCA_000012425.1_ASM1242v1_genomic.fna
765	<i>Bdellovibrio bacteriovorus</i>	GCA_000525675.1_ASM52567v1_genomic.fna
766	<i>Lactobacillus johnsonii</i>	GCA_000008065.1_ASM806v1_genomic.fna
767	<i>Prevotella ruminicola</i>	GCA_000025925.1_ASM2592v1_genomic.fna
768	<i>Mycoplasma synoviae</i>	GCA_000969765.1_ASM96976v1_genomic.fna
769	<i>Idiomarina loihiensis</i>	GCA_000008465.1_ASM846v1_genomic.fna
770	<i>Ammonifex degensii</i>	GCA_000024605.1_ASM2460v1_genomic.fna
771	<i>Symbiobacterium thermophilum</i>	GCA_000009905.1_ASM990v1_genomic.fna
772	<i>Rickettsia typhi</i>	GCA_000008045.1_ASM804v1_genomic.fna
773	<i>Mycoplasma mobile</i>	GCA_000008365.1_ASM836v1_genomic.fna
774	<i>Alcanivorax borkumensis</i>	GCA_000009365.1_ASM936v1_genomic.fna
775	<i>Alkaliphilus metalliredigens</i>	GCA_000016985.1_ASM1698v1_genomic.fna
776	<i>Chlorobium luteolum</i>	GCA_000012485.1_ASM1248v1_genomic.fna
777	<i>Paracoccus denitrificans</i>	GCA_000203895.1_ASM20389v1_genomic.fna
778	<i>Geobacillus kaustophilus</i>	GCA_000009785.1_ASM978v1_genomic.fna
779	<i>Mycoplasma haemofelis</i>	GCA_000186985.3_ASM18698v3_genomic.fna

780	<i>Lactobacillus sakei</i>	GCA_002224565.1_ASM222456v1_genomic.fna
781	<i>Loktanella vestfoldensis</i>	GCA_002158905.1_ASM215890v1_genomic.fna
782	<i>Robiginitalea biformata</i>	GCA_000024125.1_ASM2412v1_genomic.fna
783	<i>Paenibacillus larvae</i>	GCA_002003265.1_ASM200326v1_genomic.fna
784	<i>Dokdonia donghaensis</i>	GCA_001653755.1_ASM165375v1_genomic.fna
785	<i>Borrelia turicatae</i>	GCA_000012085.2_ASM1208v2_genomic.fna
786	<i>Acidovorax avenae</i>	GCA_000176855.2_ASM17685v2_genomic.fna
787	<i>Parvularcula bermudensis</i>	GCA_000152825.2_ASM15282v2_genomic.fna
788	<i>Hyphomonas neptunium</i>	GCA_000013025.1_ASM1302v1_genomic.fna
789	<i>Pseudoalteromonas haloplanktis</i>	GCA_000026085.1_ASM2608v1_genomic.fna
790	<i>Arcobacter butzleri</i>	GCA_000014025.1_ASM1402v1_genomic.fna
791	<i>Xanthomonas albilineans</i>	GCA_000087965.1_ASM8796v1_genomic.fna
792	<i>Mycoplasma leachii</i>	GCA_000183365.1_ASM18336v1_genomic.fna
793	<i>Thermosiphon africanus</i>	GCA_000021285.1_ASM2128v1_genomic.fna
794	<i>Kocuria rhizophila</i>	GCA_000010285.1_ASM1028v1_genomic.fna
795	<i>Myxococcus fulvus</i>	GCA_000219105.1_ASM21910v1_genomic.fna
796	<i>Mycobacterium intracellulare</i>	GCA_000277125.1_ASM27712v1_genomic.fna
797	<i>Sorangium cellulosum</i>	GCA_000067165.1_ASM6716v1_genomic.fna
798	<i>Bordetella petrii</i>	GCA_000067205.1_ASM6720v1_genomic.fna
799	<i>Cellvibrio japonicus</i>	GCA_000019225.1_ASM1922v1_genomic.fna
800	<i>Mycobacterium gilvum</i>	GCA_000184435.1_ASM18443v1_genomic.fna
801	<i>Edwardsiella tarda</i>	GCA_000020865.1_ASM2086v1_genomic.fna
802	<i>Anoxybacillus flavithermus</i>	GCA_000019045.1_ASM1904v1_genomic.fna
803	<i>Streptomyces pristinaespiralis</i>	GCA_001278075.1_ASM127807v1_genomic.fna
804	<i>Acetoanaerobium sticklandii</i>	GCA_000196455.1_ASM19645v1_genomic.fna
805	<i>Thermus aquaticus</i>	GCA_001399775.1_ASM139977v1_genomic.fna
806	<i>Oligotropha carboxidovorans</i>	GCA_000218565.1_ASM21856v1_genomic.fna
807	<i>Escherichia albertii</i>	GCA_000512125.1_ASM51212v1_genomic.fna
808	<i>Bacillus pseudofirmus</i>	GCA_000005825.2_ASM582v2_genomic.fna
809	<i>Methylobacillus infernalis</i>	GCA_000019665.1_ASM1966v1_genomic.fna
810	<i>Lactobacillus buchneri</i>	GCA_000298115.2_ASM29811v2_genomic.fna
811	<i>Mycoplasma crocodyli</i>	GCA_000025845.1_ASM2584v1_genomic.fna
812	<i>Eubacterium rectale</i>	GCA_000020605.1_ASM2060v1_genomic.fna
813	<i>Brevibacillus brevis</i>	GCA_000010165.1_ASM1016v1_genomic.fna

814	<i>Thioalkalivibrio sulfidiphilus</i>	GCA_000021985.1_ASM2198v1_genomic.fna
815	<i>Corynebacterium urealyticum</i>	GCA_000069945.1_ASM6994v1_genomic.fna
816	<i>Dictyoglomus turgidum</i>	GCA_000021645.1_ASM2164v1_genomic.fna
817	<i>Chlorobaculum parvum</i>	GCA_000020505.1_ASM2050v1_genomic.fna
818	<i>Chloroherpeton thalassium</i>	GCA_000020525.1_ASM2052v1_genomic.fna
819	<i>Caldicellulosiruptor bescii</i>	GCA_000022325.1_ASM2232v1_genomic.fna
820	<i>Borrelia hermsii</i>	GCA_001660005.1_ASM166000v1_genomic.fna
821	<i>Kosmotoga olearia</i>	GCA_000023325.1_ASM2332v1_genomic.fna
822	<i>Clostridium carboxidivorans</i>	GCA_001038625.1_ASM103862v1_genomic.fna
823	<i>Desulfovibrio salexigens</i>	GCA_000023445.1_ASM2344v1_genomic.fna
824	<i>Yersinia aldovae</i>	GCA_000834395.1_ASM83439v1_genomic.fna
825	<i>Yersinia rohdei</i>	GCA_000834455.1_ASM83445v1_genomic.fna
826	<i>Yersinia ruckeri</i>	GCA_000964565.1_ASM96456v1_genomic.fna
827	<i>Pirellula staleyi</i>	GCA_000025185.1_ASM2518v1_genomic.fna
828	<i>Acidovorax ebreus</i>	GCA_000022305.1_ASM2230v1_genomic.fna
829	<i>Treponema primitia</i>	GCA_000214375.1_ASM21437v1_genomic.fna
830	<i>Treponema azotonutricium</i>	GCA_000214355.1_ASM21435v1_genomic.fna
831	<i>Alicyclobacillus acidocaldarius</i>	GCA_000024285.1_ASM2428v1_genomic.fna
832	<i>Rhodococcus opacus</i>	GCA_000010805.1_ASM1080v1_genomic.fna
833	<i>Variovorax paradoxus</i>	GCA_000184745.1_ASM18474v1_genomic.fna
834	<i>Photorhabdus asymbiotica</i>	GCA_000196475.1_ASM19647v1_genomic.fna
835	<i>Aliivibrio salmonicida</i>	GCA_000196495.1_ASM19649v1_genomic.fna
836	<i>Coprothermobacter proteolyticus</i>	GCA_000020945.1_ASM2094v1_genomic.fna
837	<i>Dictyoglomus thermophilum</i>	GCA_000020965.1_ASM2096v1_genomic.fna
838	<i>Thermodesulfovibrio yellowstonii</i>	GCA_000020985.1_ASM2098v1_genomic.fna
839	<i>Laribacter hongkongensis</i>	GCA_000021025.1_ASM2102v1_genomic.fna
840	<i>Treponema paraluis-cuniculi</i>	GCA_000217655.1_ASM21765v1_genomic.fna
841	<i>Teredinibacter turnerae</i>	GCA_000023025.1_ASM2302v1_genomic.fna
842	<i>Mycobacterium kansasii</i>	GCA_000157895.2_ASM15789v2_genomic.fna
843	<i>Ferrimonas balearica</i>	GCA_000148645.1_ASM14864v1_genomic.fna
844	' <i>Nostoc azollae</i> '	GCA_000196515.1_ASM19651v1_genomic.fna
845	<i>Thermosediminibacter oceani</i>	GCA_000144645.1_ASM14464v1_genomic.fna
846	<i>Halothiobacillus neapolitanus</i>	GCA_000024765.1_ASM2476v1_genomic.fna
847	<i>Pectobacterium carotovorum</i>	GCA_000023605.1_ASM2360v1_genomic.fna

848	<i>Brachyspira hyodysenteriae</i>	GCA_001676785.2_ASM167678v2_genomic.fna
849	<i>Pectobacterium wasabiae</i>	GCA_001742185.1_ASM174218v1_genomic.fna
850	<i>Bacillus vallismortis</i>	GCA_002113805.1_ASM211380v1_genomic.fna
851	<i>Rickettsia peacockii</i>	GCA_000021525.1_ASM2152v1_genomic.fna
852	<i>Kyrpidia tusciae</i>	GCA_000092905.1_ASM9290v1_genomic.fna
853	<i>Sulfurimonas autotrophica</i>	GCA_000147355.1_ASM14735v1_genomic.fna
854	<i>Rothia mucilaginosa</i>	GCA_000011025.1_ASM1102v1_genomic.fna
855	<i>Dickeya zeae</i>	GCA_000025065.1_ASM2506v1_genomic.fna
856	<i>Aggregatibacter actinomycetemcomitans</i>	GCA_001594265.1_ASM159426v1_genomic.fna
857	<i>Allochromatium vinosum</i>	GCA_000025485.1_ASM2548v1_genomic.fna
858	<i>Ilyobacter polytropus</i>	GCA_000165505.1_ASM16550v1_genomic.fna
859	<i>Thermoanaerobacter brockii</i>	GCA_000175295.2_ASM17529v2_genomic.fna
860	<i>Aminobacterium colombiense</i>	GCA_000025885.1_ASM2588v1_genomic.fna
861	<i>Brucella microti</i>	GCA_000022745.1_ASM2274v1_genomic.fna
862	<i>Halanaerobium praevalens</i>	GCA_000165465.1_ASM16546v1_genomic.fna
863	<i>Arcobacter nitrofigilis</i>	GCA_000092245.1_ASM9224v1_genomic.fna
864	<i>Asticcacaulis excentricus</i>	GCA_000175215.2_ASM17521v2_genomic.fna
865	<i>Sediminispirochaeta smaragdinae</i>	GCA_000143985.1_ASM14398v1_genomic.fna
866	<i>Anaplasma centrale</i>	GCA_000024505.1_ASM2450v1_genomic.fna
867	<i>Acetohalobium arabaticum</i>	GCA_000144695.1_ASM14469v1_genomic.fna
868	<i>Isosphaera pallida</i>	GCA_000186345.1_ASM18634v1_genomic.fna
869	<i>Gallionella capsiferiformans</i>	GCA_000145255.1_ASM14525v1_genomic.fna
870	<i>Desulfobulbus propionicus</i>	GCA_000186885.1_ASM18688v1_genomic.fna
871	<i>Thermoanaerobacter italicus</i>	GCA_000025645.1_ASM2564v1_genomic.fna
872	<i>Sideroxydans lithotrophicus</i>	GCA_000025705.1_ASM2570v1_genomic.fna
873	<i>Thermoanaerobacterium thermosaccharolyticum</i>	GCA_000145615.1_ASM14561v1_genomic.fna
874	<i>Clostridium cellulovorans</i>	GCA_000145275.1_ASM14527v1_genomic.fna
875	<i>Hirschia baltica</i>	GCA_000023785.1_ASM2378v1_genomic.fna
876	<i>Methylovorus glucosetrophus</i>	GCA_000023745.1_ASM2374v1_genomic.fna
877	<i>Hyphomicrobium denitrificans</i>	GCA_000143145.1_ASM14314v1_genomic.fna
878	<i>Thermoanaerobacter mathranii</i>	GCA_000092965.1_ASM9296v1_genomic.fna
879	<i>Coralimargarita akajimensis</i>	GCA_000025905.1_ASM2590v1_genomic.fna
880	<i>Escherichia fergusonii</i>	GCA_000026225.1_ASM2622v1_genomic.fna
881	<i>Streptococcus intermedius</i>	GCA_000463355.1_ASM46335v1_genomic.fna

882	<i>Streptomyces lividans</i>	GCA_000739105.1_ASM73910v1_genomic.fna
883	<i>Streptomyces hygroscopicus</i>	GCA_000245355.1_ASM24535v1_genomic.fna
884	<i>Desulfurivibrio alkaliphilus</i>	GCA_000092205.1_ASM9220v1_genomic.fna
885	<i>Thiomonas intermedia</i>	GCA_002028405.1_ASM202840v1_genomic.fna
886	<i>Thermotoga naphthophila</i>	GCA_000025105.1_ASM2510v1_genomic.fna
887	<i>Cellulomonas fimi</i>	GCA_000212695.1_ASM21269v1_genomic.fna
888	<i>Cellulomonas gilvus</i>	GCA_000218545.1_ASM21854v1_genomic.fna
889	<i>Mesorhizobium opportunistum</i>	GCA_000176035.2_ASM17603v2_genomic.fna
890	<i>Tolomonas auensis</i>	GCA_000023065.1_ASM2306v1_genomic.fna
891	<i>Hydrogenobacter thermophilus</i>	GCA_000010785.1_ASM1078v1_genomic.fna
892	<i>Acidaminococcus fermentans</i>	GCA_000025305.1_ASM2530v1_genomic.fna
893	<i>Erwinia pyrifoliae</i>	GCA_000027265.1_ASM2726v1_genomic.fna
894	<i>Erwinia billingiae</i>	GCA_000196615.1_ASM19661v1_genomic.fna
895	<i>Bartonella grahamii</i>	GCA_000022725.1_ASM2272v1_genomic.fna
896	<i>Staphylococcus carnosus</i>	GCA_000009405.1_ASM940v1_genomic.fna
897	<i>Mycoplasma hyorhinis</i>	GCA_000313635.1_ASM31363v1_genomic.fna
898	<i>Acidithiobacillus caldus</i>	GCA_000175575.2_ASM17557v2_genomic.fna
899	<i>Aggregatibacter aphrophilus</i>	GCA_000022985.1_ASM2298v1_genomic.fna
900	<i>Nitrosococcus halophilus</i>	GCA_000024725.1_ASM2472v1_genomic.fna
901	<i>Olsenella uli</i>	GCA_000143845.1_ASM14384v1_genomic.fna
902	<i>Thermocrinis albus</i>	GCA_000025605.1_ASM2560v1_genomic.fna
903	<i>Caulobacter segnis</i>	GCA_000092285.1_ASM9228v1_genomic.fna
904	<i>Brevundimonas subvibrioides</i>	GCA_000144605.1_ASM14460v1_genomic.fna
905	<i>Bacteroides dorei</i>	GCA_001640865.1_ASM164086v1_genomic.fna
906	<i>Lactobacillus ruminis</i>	GCA_000224985.1_ASM22498v1_genomic.fna
907	<i>Lactobacillus jensenii</i>	GCA_001936235.1_ASM193623v1_genomic.fna
908	<i>Gardnerella vaginalis</i>	GCA_000025205.1_ASM2520v1_genomic.fna
909	<i>Prevotella melaninogenica</i>	GCA_000144405.1_ASM14440v1_genomic.fna
910	<i>Rothia dentocariosa</i>	GCA_000164695.2_ASM16469v2_genomic.fna
911	<i>Bifidobacterium angulatum</i>	GCA_001025155.1_ASM102515v1_genomic.fna
912	<i>Providencia rettgeri</i>	GCA_001874625.1_ASM187462v1_genomic.fna
913	<i>Bifidobacterium pseudocatenulatum</i>	GCA_001025215.1_ASM102521v1_genomic.fna
914	<i>Neisseria elongata</i>	GCA_000818035.1_ASM81803v1_genomic.fna
915	<i>Neisseria sicca</i>	GCA_002073715.1_ASM207371v1_genomic.fna

916	<i>Filifactor alocis</i>	GCA_000163895.2_ASM16389v2_genomic.fna
917	<i>Capnocytophaga sputigena</i>	GCA_002302395.1_ASM230239v1_genomic.fna
918	<i>Lactobacillus paracasei</i>	GCA_000014525.1_ASM1452v1_genomic.fna
919	<i>Mobiluncus curtisii</i>	GCA_000196535.1_ASM19653v1_genomic.fna
920	<i>Bacteroides cellulosilyticus</i>	GCA_001318345.1_ASM131834v1_genomic.fna
921	<i>Helicobacter cinaedi</i>	GCA_000349975.1_ASM34997v1_genomic.fna
922	<i>Staphylococcus capitis</i>	GCA_001028645.1_ASM102864v1_genomic.fna
923	<i>Campylobacter gracilis</i>	GCA_001190745.1_ASM119074v1_genomic.fna
924	<i>Selenomonas sputigena</i>	GCA_000208405.1_ASM20840v1_genomic.fna
925	<i>Staphylococcus warneri</i>	GCA_000332735.1_ASM33273v1_genomic.fna
926	<i>Corynebacterium striatum</i>	GCA_002156805.1_ASM215680v1_genomic.fna
927	<i>Corynebacterium aurimucosum</i>	GCA_000022905.1_ASM2290v1_genomic.fna
928	<i>Bifidobacterium catenulatum</i>	GCA_001025195.1_ASM102519v1_genomic.fna
929	<i>Fusobacterium varium</i>	GCA_002356455.1_ASM235645v1_genomic.fna
930	<i>Rhodococcus hoagii</i>	GCA_000196695.1_ASM19669v1_genomic.fna
931	<i>Helicobacter bilis</i>	GCA_001999985.1_ASM199998v1_genomic.fna
932	<i>Erysipelothrix rhusiopathiae</i>	GCA_000270085.1_ASM27008v1_genomic.fna
933	<i>Lactobacillus amylolyticus</i>	GCA_002075105.1_ASM207510v1_genomic.fna
934	<i>Starkeya novella</i>	GCA_000092925.1_ASM9292v1_genomic.fna
935	<i>Klebsiella variicola</i>	GCA_000025465.1_ASM2546v1_genomic.fna
936	<i>Bacillus atrophaeus</i>	GCA_002173495.1_ASM217349v1_genomic.fna
937	<i>Segniliparus rotundus</i>	GCA_000092825.1_ASM9282v1_genomic.fna
938	<i>Desulfovibrio desulfuricans</i>	GCA_000189295.2_ASM18929v2_genomic.fna
939	<i>Syntrophothermus lipocalidus</i>	GCA_000092405.1_ASM9240v1_genomic.fna
940	<i>Marivirga tractuosa</i>	GCA_000183425.1_ASM18342v1_genomic.fna
941	<i>Arcanobacterium haemolyticum</i>	GCA_000092365.1_ASM9236v1_genomic.fna
942	<i>Desulfarculus baarsii</i>	GCA_000143965.1_ASM14396v1_genomic.fna
943	<i>Micromonospora aurantiaca</i>	GCA_000145235.1_ASM14523v1_genomic.fna
944	<i>Corynebacterium kroppenstedtii</i>	GCA_000023145.1_ASM2314v1_genomic.fna
945	<i>Flavobacteriaceae bacterium</i>	GCA_000023725.1_ASM2372v1_genomic.fna
946	<i>Pseudodesulfovibrio aespoeensis</i>	GCA_000176915.2_ASM17691v2_genomic.fna
947	<i>Thermaerobacter marianensis</i>	GCA_000184705.1_ASM18470v1_genomic.fna
948	<i>Syntrophobotulus glycolicus</i>	GCA_000190635.1_ASM19063v1_genomic.fna
949	<i>Leadbetterella byssophila</i>	GCA_000166395.1_ASM16639v1_genomic.fna

950	<i>Parachlamydia acanthamoebae</i>	GCA_000253035.1_ASM25303v1_genomic.fna
951	<i>Truepera radiovictrix</i>	GCA_000092425.1_ASM9242v1_genomic.fna
952	<i>Bacillus cellulosilyticus</i>	GCA_000177235.2_ASM17723v2_genomic.fna
953	<i>Acinetobacter nosocomialis</i>	GCA_000814165.3_ASM81416v3_genomic.fna
954	<i>Streptomyces griseus</i>	GCA_000010605.1_ASM1060v1_genomic.fna
955	<i>Desulfurispirillum indicum</i>	GCA_000177635.2_ASM17763v2_genomic.fna
956	<i>Rhodomicrobium vannielii</i>	GCA_000166055.1_ASM16605v1_genomic.fna
957	<i>Streptococcus oralis</i>	GCA_000253155.1_ASM25315v1_genomic.fna
958	<i>Aerococcus viridans</i>	GCA_001543285.1_ASM154328v1_genomic.fna
959	<i>Achromobacter xylosoxidans</i>	GCA_001457475.1_NCTC10807_genomic.fna
960	<i>Atopobium parvulum</i>	GCA_000024225.1_ASM2422v1_genomic.fna
961	<i>Frankia symbiont</i>	GCA_000177615.2_ASM17761v2_genomic.fna
962	<i>Zunongwangia profunda</i>	GCA_000023465.1_ASM2346v1_genomic.fna
963	<i>Thermoanaerobacter pseudethanolicus</i>	GCA_000019085.1_ASM1908v1_genomic.fna
964	<i>Acidovorax citrulli</i>	GCA_000015325.1_ASM1532v1_genomic.fna
965	<i>Magnetospirillum magneticum</i>	GCA_000009985.1_ASM998v1_genomic.fna
966	<i>Xanthomonas fuscans</i>	GCA_000969685.1_ASM96968v1_genomic.fna
967	<i>Pseudomonas syringae</i>	GCA_000007805.1_ASM780v1_genomic.fna
968	<i>Pseudomonas savastanoi</i>	GCA_000012205.1_ASM1220v1_genomic.fna
969	<i>Corynebacterium ammoniagenes</i>	GCA_001941425.1_ASM194142v1_genomic.fna
970	<i>Acinetobacter calcoaceticus</i>	GCA_002055515.1_ASM205551v1_genomic.fna
971	<i>Acinetobacter johnsonii</i>	GCA_001484935.1_ASM148493v1_genomic.fna
972	<i>Acinetobacter junii</i>	GCA_001941805.1_ASM194180v1_genomic.fna
973	<i>Methylobacterium mobilis</i>	GCA_000023705.1_ASM2370v1_genomic.fna
974	<i>Ethanoligenens harbinense</i>	GCA_000178115.2_ASM17811v2_genomic.fna
975	<i>Corynebacterium resistens</i>	GCA_000177535.2_ASM17753v2_genomic.fna
976	<i>Vibrio fluvialis</i>	GCA_001558415.1_ASM155841v1_genomic.fna
977	<i>Pantoea stewartii</i>	GCA_002082215.1_ASM208221v1_genomic.fna
978	<i>Spirochaeta thermophila</i>	GCA_000184345.2_ASM18434v2_genomic.fna
979	<i>Cronobacter turicensis</i>	GCA_000027065.2_ASM2706v1_genomic.fna
980	<i>Methylobacterium versatilis</i>	GCA_000093025.1_ASM9302v1_genomic.fna
981	<i>Bacillus smithii</i>	GCA_001050115.1_ASM105011v1_genomic.fna
982	<i>Pasteurella dagmatis</i>	GCA_900186835.1_49950_F01_genomic.fna
983	<i>Caldicellulosiruptor lactoaceticus</i>	GCA_000193435.3_ASM19343v3_genomic.fna

984	<i>Dehalogenimonas lykanthroporepellens</i>	GCA_000143165.1_ASM14316v1_genomic.fna
985	<i>Oceanithermus profundus</i>	GCA_000183745.1_ASM18374v1_genomic.fna
986	<i>Bacteroides salanitronis</i>	GCA_000190575.1_ASM19057v1_genomic.fna
987	<i>Thermodesulfatator indicus</i>	GCA_000217795.1_ASM21779v1_genomic.fna
988	<i>Vibrio mimicus</i>	GCA_001558475.1_ASM155847v1_genomic.fna
989	<i>Komagataeibacter xylinus</i>	GCA_000550765.1_ASM55076v1_genomic.fna
990	<i>Vibrio alginolyticus</i>	GCA_000354175.2_ASM35417v2_genomic.fna
991	<i>Nitrosococcus watsonii</i>	GCA_000143085.1_ASM14308v1_genomic.fna
992	<i>Caldicellulosiruptor obsidiansis</i>	GCA_000145215.1_ASM14521v1_genomic.fna
993	<i>Pediococcus acidilactici</i>	GCA_001767275.1_ASM176727v1_genomic.fna
994	<i>Vibrio coralliilyticus</i>	GCA_000763535.2_ASM76353v2_genomic.fna
995	<i>Grimontia hollisae</i>	GCA_001558255.1_ASM155825v1_genomic.fna
996	<i>Vibrio furnissii</i>	GCA_000184325.1_ASM18432v1_genomic.fna
997	<i>Pseudonocardia dioxanivorans</i>	GCA_000196675.1_ASM19667v1_genomic.fna
998	<i>Sulfobacillus acidophilus</i>	GCA_000219855.1_ASM21985v1_genomic.fna
999	<i>Parageobacillus thermoglucosidasius</i>	GCA_001295365.1_ASM129536v1_genomic.fna
1000	<i>Caldicellulosiruptor hydrothermalis</i>	GCA_000166355.1_ASM16635v1_genomic.fna
1001	<i>Caldicellulosiruptor owensensis</i>	GCA_000166335.1_ASM16633v1_genomic.fna
1002	<i>Leuconostoc kimchii</i>	GCA_000092505.1_ASM9250v1_genomic.fna
1003	<i>Corynebacterium pseudotuberculosis</i>	GCA_000144675.1_ASM14467v1_genomic.fna
1004	<i>Thermincola potens</i>	GCA_000092945.1_ASM9294v1_genomic.fna
1005	<i>Enterobacter asburiae</i>	GCA_000224675.1_ASM22467v1_genomic.fna
1006	<i>Clostridium lentocellum</i>	GCA_000178835.2_ASM17883v2_genomic.fna
1007	<i>Pseudotherrmotoga thermarum</i>	GCA_000217815.1_ASM21781v1_genomic.fna
1008	<i>Cellulophaga algicola</i>	GCA_000186265.1_ASM18626v1_genomic.fna
1009	<i>Veillonella parvula</i>	GCA_000024945.1_ASM2494v1_genomic.fna
1010	<i>Alicyclophilus denitrificans</i>	GCA_000204645.1_ASM20464v1_genomic.fna
1011	<i>Cupriavidus necator</i>	GCA_000219215.1_ASM21921v1_genomic.fna
1012	<i>Bacillus cytotoxicus</i>	GCA_000017425.1_ASM1742v1_genomic.fna
1013	<i>Borrelia bavariensis</i>	GCA_000196215.1_ASM19621v1_genomic.fna
1014	<i>Pseudomonas amygdali</i>	GCA_002068135.1_ASM206813v1_genomic.fna
1015	<i>Deinococcus proteolyticus</i>	GCA_000190555.1_ASM19055v1_genomic.fna
1016	<i>Bacteroides helcogenes</i>	GCA_000186225.1_ASM18622v1_genomic.fna
1017	<i>Xanthomonas campestris</i>	GCA_000009165.1_ASM916v1_genomic.fna

1018	<i>Acinetobacter pittii</i>	GCA_000191145.1_ASM19114v1_genomic.fna
1019	<i>Scardovia inopinata</i>	GCA_001042695.1_ASM104269v1_genomic.fna
1020	<i>Riemerella anatipestifer</i>	GCA_000252855.1_ASM25285v1_genomic.fna
1021	<i>Paludibacter propionigenes</i>	GCA_000183135.1_ASM18313v1_genomic.fna
1022	<i>Lactobacillus amylovorus</i>	GCA_000191545.1_ASM19154v1_genomic.fna
1023	<i>Clostridium saccharolyticum</i>	GCA_000144625.1_ASM14462v1_genomic.fna
1024	<i>Mahella australiensis</i>	GCA_000213255.1_ASM21325v1_genomic.fna
1025	<i>Thermoanaerobacter wiegelii</i>	GCA_000147695.3_ASM14769v3_genomic.fna
1026	<i>Staphylococcus lugdunensis</i>	GCA_000025085.1_ASM2508v1_genomic.fna
1027	<i>Streptococcus constellatus</i>	GCA_000463395.1_ASM46339v1_genomic.fna
1028	<i>Parascardovia denticolens</i>	GCA_001042675.1_ASM104267v1_genomic.fna
1029	<i>Caldicellulosiruptor kristjanssonii</i>	GCA_000166695.1_ASM16669v1_genomic.fna
1030	<i>Coriobacterium glomerans</i>	GCA_000195315.1_ASM19531v1_genomic.fna
1031	<i>Niastella koreensis</i>	GCA_000246855.1_ASM24685v1_genomic.fna
1032	<i>Streptomyces violaceusniger</i>	GCA_000147815.3_ASM14781v3_genomic.fna
1033	<i>Halanaerobium hydrogeniformans</i>	GCA_000166415.1_ASM16641v1_genomic.fna
1034	<i>Pantoea ananatis</i>	GCA_000025405.2_ASM2540v1_genomic.fna
1035	<i>Streptococcus anginosus</i>	GCA_000463505.1_ASM46350v1_genomic.fna
1036	<i>Desulfomonile tiedjei</i>	GCA_000266945.1_ASM26694v1_genomic.fna
1037	<i>Acinetobacter haemolyticus</i>	GCA_001932555.1_ASM193255v1_genomic.fna
1038	<i>Mycoplasma suis</i>	GCA_000179035.2_ASM17903v2_genomic.fna
1039	<i>Deinococcus maricopensis</i>	GCA_000186385.1_ASM18638v1_genomic.fna
1040	<i>Odoribacter splanchnicus</i>	GCA_000190535.1_ASM19053v1_genomic.fna
1041	<i>Amycolatopsis mediterranei</i>	GCA_000196835.1_ASM19683v1_genomic.fna
1042	<i>Sulfuricurvum kujiense</i>	GCA_000183725.1_ASM18372v1_genomic.fna
1043	<i>Pantoea vagans</i>	GCA_000148935.1_ASM14893v1_genomic.fna
1044	<i>Lactobacillus sanfranciscensis</i>	GCA_000225325.1_ASM22532v1_genomic.fna
1045	<i>Lysinibacillus fusiformis</i>	GCA_000724775.3_ASM72477v3_genomic.fna
1046	<i>Streptococcus gallolyticus</i>	GCA_002000985.1_ASM200098v1_genomic.fna
1047	<i>Roseburia hominis</i>	GCA_000225345.1_ASM22534v1_genomic.fna
1048	<i>Intrasporangium calvum</i>	GCA_000184685.1_ASM18468v1_genomic.fna
1049	<i>Waddlia chondrophila</i>	GCA_000092785.1_ASM9278v1_genomic.fna
1050	<i>Acinetobacter oleivorans</i>	GCA_000196795.1_ASM19679v1_genomic.fna
1051	<i>Flexistipes sinusarabici</i>	GCA_000218625.1_ASM21862v1_genomic.fna

1052	<i>Marinobacter adhaerens</i>	GCA_000166295.1_ASM16629v1_genomic.fna
1053	<i>Deferribacter desulfuricans</i>	GCA_000010985.1_ASM1098v1_genomic.fna
1054	<i>Thermus scotoductus</i>	GCA_000187005.1_ASM18700v1_genomic.fna
1055	<i>Nitrospira defluvii</i>	GCA_000196815.1_ASM19681v1_genomic.fna
1056	<i>Mycoplasma putrefaciens</i>	GCA_000224105.1_ASM22410v1_genomic.fna
1057	<i>Taylorella equigenitalis</i>	GCA_000276685.1_ASM27668v1_genomic.fna
1058	<i>Treponema caldarium</i>	GCA_000219725.1_ASM21972v1_genomic.fna
1059	<i>Thermodesulfobium narugense</i>	GCA_000212395.1_ASM21239v1_genomic.fna
1060	<i>Desulfotomaculum nigrificans</i>	GCA_000214435.1_ASM21443v1_genomic.fna
1061	<i>Nitratifractor salsuginis</i>	GCA_000186245.1_ASM18624v1_genomic.fna
1062	<i>Sphingobium japonicum</i>	GCA_000091125.1_ASM9112v1_genomic.fna
1063	<i>Rubinisphaera brasiliensis</i>	GCA_000165715.3_ASM16571v3_genomic.fna
1064	<i>Streptomyces bingchenggensis</i>	GCA_000092385.1_ASM9238v1_genomic.fna
1065	<i>Leptospira santarosai</i>	GCA_000313175.2_ASM31317v2_genomic.fna
1066	<i>Fluviicola taffensis</i>	GCA_000194605.1_ASM19460v1_genomic.fna
1067	<i>Desulfotomaculum ruminis</i>	GCA_000215085.1_ASM21508v1_genomic.fna
1068	<i>Granulicella mallensis</i>	GCA_000178955.2_ASM17895v2_genomic.fna
1069	<i>Sphaerochaeta globosa</i>	GCA_000190435.1_ASM19043v1_genomic.fna
1070	<i>Ketogulonicigenium vulgare</i>	GCA_000223375.1_ASM22337v1_genomic.fna
1071	<i>Citrobacter freundii</i>	GCA_000648515.1_ASM64851v1_genomic.fna
1072	<i>Eggerthella lenta</i>	GCA_000024265.1_ASM2426v1_genomic.fna
1073	<i>Sphaerochaeta coccoides</i>	GCA_000208385.1_ASM20838v1_genomic.fna
1074	<i>Hippea maritima</i>	GCA_000194135.1_ASM19413v1_genomic.fna
1075	<i>Haliscomenobacter hydrossis</i>	GCA_000212735.1_ASM21273v1_genomic.fna
1076	<i>Brachyspira pilosicoli</i>	GCA_000325665.1_ASM32566v1_genomic.fna
1077	<i>Streptococcus parasanguinis</i>	GCA_000164675.2_ASM16467v2_genomic.fna
1078	<i>Terriglobus saanensis</i>	GCA_000179915.2_ASM17991v2_genomic.fna
1079	<i>Mesotoga prima</i>	GCA_000147715.3_ASM14771v3_genomic.fna
1080	<i>Runella slithyformis</i>	GCA_000218895.1_ASM21889v1_genomic.fna
1081	<i>Pseudopropionibacterium propionicum</i>	GCA_000277715.1_ASM27771v1_genomic.fna
1082	<i>Prevotella denticola</i>	GCA_000193395.1_ASM19339v1_genomic.fna
1083	<i>Pseudopedobacter saltans</i>	GCA_000190735.2_ASM19073v2_genomic.fna
1084	<i>Thermovibrio ammonificans</i>	GCA_000185805.1_ASM18580v1_genomic.fna
1085	<i>Calditerrivibrio nitroreducens</i>	GCA_000183405.1_ASM18340v1_genomic.fna

1086	<i>Isoptericola variabilis</i>	GCA_000215105.1_ASM21510v1_genomic.fna
1087	<i>Pseudomonas fulva</i>	GCA_000213805.1_ASM21380v1_genomic.fna
1088	<i>Sphingobium chlorophenicum</i>	GCA_000147835.3_ASM14783v3_genomic.fna
1089	<i>Capnocytophaga canimorsus</i>	GCA_000220625.1_ASM22062v1_genomic.fna
1090	<i>Thermoanaerobacterium xylanolyticum</i>	GCA_000189775.3_ASM18977v3_genomic.fna
1091	<i>Haemophilus parainfluenzae</i>	GCA_000210895.1_ASM21089v1_genomic.fna
1092	<i>Weeksella virosa</i>	GCA_000189415.1_ASM18941v1_genomic.fna
1093	<i>Rahnella aquatilis</i>	GCA_000255535.1_ASM25553v1_genomic.fna
1094	<i>Vibrio tubiashii</i>	GCA_000772105.1_ASM77210v1_genomic.fna
1095	<i>Cellulophaga lytica</i>	GCA_000190595.1_ASM19059v1_genomic.fna
1096	<i>Treponema succinifaciens</i>	GCA_000195275.1_ASM19527v1_genomic.fna
1097	<i>Marinithermus hydrothermalis</i>	GCA_000195335.1_ASM19533v1_genomic.fna
1098	<i>Aerococcus urinae</i>	GCA_001543175.1_ASM154317v1_genomic.fna
1099	<i>Veillonella atypica</i>	GCA_002082765.1_ASM208276v1_genomic.fna
1100	<i>Vibrio scophthalmi</i>	GCA_001685465.1_ASM168546v1_genomic.fna
1101	<i>Desulfurobacterium thermolithotrophum</i>	GCA_000191045.1_ASM19104v1_genomic.fna
1102	<i>Porphyromonas asaccharolytica</i>	GCA_000212375.1_ASM21237v1_genomic.fna
1103	<i>Capnocytophaga ochracea</i>	GCA_000023285.1_ASM2328v1_genomic.fna
1104	<i>Actinomyces oris</i>	GCA_001553935.1_ASM155393v1_genomic.fna
1105	<i>Sinorhizobium fredii</i>	GCA_000018545.1_ASM1854v1_genomic.fna
1106	<i>Vibrio anguillarum</i>	GCA_000217675.1_ASM21767v1_genomic.fna
1107	<i>Anaerococcus prevotii</i>	GCA_000024105.1_ASM2410v1_genomic.fna
1108	<i>Mycoplasma hominis</i>	GCA_000085865.1_ASM8586v1_genomic.fna
1109	<i>Staphylococcus simulans</i>	GCA_001559115.1_ASM155911v1_genomic.fna
1110	<i>Myroides odoratimimus</i>	GCA_001481655.1_ASM148165v1_genomic.fna
1111	<i>Eubacterium limosum</i>	GCA_000807675.2_ASM80767v2_genomic.fna
1112	<i>Muricauda ruestringensis</i>	GCA_000224085.1_ASM22408v1_genomic.fna
1113	<i>Marinomonas posidonica</i>	GCA_000214215.1_ASM21421v1_genomic.fna
1114	<i>Desulfotomaculum kuznetsovii</i>	GCA_000214705.1_ASM21470v1_genomic.fna
1115	<i>Streptococcus parauberis</i>	GCA_000213825.1_ASM21382v1_genomic.fna
1116	<i>Leuconostoc lactis</i>	GCA_001698145.1_ASM169814v1_genomic.fna
1117	<i>Marinomonas mediterranea</i>	GCA_000192865.1_ASM19286v1_genomic.fna
1118	<i>Thiomicrospira cyclica</i>	GCA_000214825.1_ASM21482v1_genomic.fna
1119	<i>Acetobacter aceti</i>	GCA_002005445.1_ASM200544v1_genomic.fna

1120	<i>gamma proteobacterium</i>	GCA_000198515.1_ASM19851v1_genomic.fna
1121	<i>Desulfovibrio africanus</i>	GCA_000212675.2_ASM21267v2_genomic.fna
1122	<i>Rhodothermus marinus</i>	GCA_000024845.1_ASM2484v1_genomic.fna
1123	<i>Enterobacter hormaechei</i>	GCA_001729725.1_ASM172972v1_genomic.fna
1124	<i>Streptococcus cristatus</i>	GCA_000385925.1_ASM38592v1_genomic.fna
1125	<i>Streptococcus pseudopneumoniae</i>	GCA_000221985.1_ASM22198v1_genomic.fna
1126	<i>Glutamicibacter arilaitensis</i>	GCA_000197735.1_ASM19773v1_genomic.fna
1127	<i>Desulfobacca acetoxidans</i>	GCA_000195295.1_ASM19529v1_genomic.fna
1128	<i>Caldicellulosiruptor kronotskyensis</i>	GCA_000166775.1_ASM16677v1_genomic.fna
1129	<i>Treponema brennaborens</i>	GCA_000212415.1_ASM21241v1_genomic.fna
1130	<i>Methylomonas methanica</i>	GCA_000214665.1_ASM21466v1_genomic.fna
1131	<i>Thermobacillus composti</i>	GCA_000227705.3_ASM22770v3_genomic.fna
1132	<i>Plautia stali</i>	GCA_000180175.2_ASM18017v2_genomic.fna
1133	<i>Weissella cibaria</i>	GCA_001308145.2_ASM130814v2_genomic.fna
1134	<i>Desulfotomaculum gibsoniae</i>	GCA_000233715.3_ASM23371v3_genomic.fna
1135	<i>Xanthomonas vesicatoria</i>	GCA_001908725.1_ASM190872v1_genomic.fna
1136	<i>Xanthomonas perforans</i>	GCA_000192045.3_ASM19204v3_genomic.fna
1137	<i>Anaerolinea thermophila</i>	GCA_000199675.1_ASM19967v1_genomic.fna
1138	<i>Paraburkholderia rhizoxinica</i>	GCA_000198775.1_ASM19877v1_genomic.fna
1139	<i>Leuconostoc gelidum</i>	GCA_000196855.1_ASM19685v1_genomic.fna
1140	<i>Sanguibacter keddieii</i>	GCA_000024925.1_ASM2492v1_genomic.fna
1141	<i>Gordonia bronchialis</i>	GCA_000024785.1_ASM2478v1_genomic.fna
1142	<i>Haliangium ochraceum</i>	GCA_000024805.1_ASM2480v1_genomic.fna
1143	<i>Sulfurospirillum deleyianum</i>	GCA_000024885.1_ASM2488v1_genomic.fna
1144	<i>Streptobacillus moniliformis</i>	GCA_000024565.1_ASM2456v1_genomic.fna
1145	<i>Sealdella termitidis</i>	GCA_000024405.1_ASM2440v1_genomic.fna
1146	<i>Thermomonospora curvata</i>	GCA_000024385.1_ASM2438v1_genomic.fna
1147	<i>Thermanaerovibrio acidaminovorans</i>	GCA_000024905.1_ASM2490v1_genomic.fna
1148	<i>Xylanimonas cellulosilytica</i>	GCA_000024965.1_ASM2496v1_genomic.fna
1149	<i>Sphaerobacter thermophilus</i>	GCA_000024985.1_ASM2498v1_genomic.fna
1150	<i>Thermobaculum terrenum</i>	GCA_000025005.1_ASM2500v1_genomic.fna
1151	<i>Streptosporangium roseum</i>	GCA_000024865.1_ASM2486v1_genomic.fna
1152	<i>Spirosoma linguale</i>	GCA_000024525.1_ASM2452v1_genomic.fna
1153	<i>Kribbella flavida</i>	GCA_000024345.1_ASM2434v1_genomic.fna

1154	<i>Geodermatophilus obscurus</i>	GCA_000025345.1_ASM2534v1_genomic.fna
1155	<i>Denitrovibrio acetiphilus</i>	GCA_000025725.1_ASM2572v1_genomic.fna
1156	<i>Meiothermus ruber</i>	GCA_000024425.1_ASM2442v1_genomic.fna
1157	<i>Stackebrandtia nassauensis</i>	GCA_000024545.1_ASM2454v1_genomic.fna
1158	<i>Planctopirus limnophila</i>	GCA_000092105.1_ASM9210v1_genomic.fna
1159	<i>Brachyspira murdochii</i>	GCA_000092845.1_ASM9284v1_genomic.fna
1160	<i>Cellulomonas flavigena</i>	GCA_000092865.1_ASM9286v1_genomic.fna
1161	<i>Tsukamurella paurometabola</i>	GCA_000092225.1_ASM9222v1_genomic.fna
1162	<i>Thermobispora bispora</i>	GCA_000092645.1_ASM9264v1_genomic.fna
1163	<i>Nocardiosis dassonvillei</i>	GCA_000092985.1_ASM9298v1_genomic.fna
1164	<i>Brachybacterium faecium</i>	GCA_000023405.1_ASM2340v1_genomic.fna
1165	<i>Actinosynnema mirum</i>	GCA_000023245.1_ASM2324v1_genomic.fna
1166	<i>Cryptobacterium curtum</i>	GCA_000023845.1_ASM2384v1_genomic.fna
1167	<i>Beutenbergia cavernae</i>	GCA_000023105.1_ASM2310v1_genomic.fna
1168	<i>Dyadobacter fermentans</i>	GCA_000023125.1_ASM2312v1_genomic.fna
1169	<i>Slackia heliotrinireducens</i>	GCA_000023885.1_ASM2388v1_genomic.fna
1170	<i>Jonesia denitrificans</i>	GCA_000024065.1_ASM2406v1_genomic.fna
1171	<i>Meiothermus silvanus</i>	GCA_000092125.1_ASM9212v1_genomic.fna
1172	<i>Kytococcus sedentarius</i>	GCA_000023925.1_ASM2392v1_genomic.fna
1173	<i>Catenulispora acidiphila</i>	GCA_000024025.1_ASM2402v1_genomic.fna
1174	<i>Desulfotomaculum acetoxidans</i>	GCA_000024205.1_ASM2420v1_genomic.fna
1175	<i>Pedobacter heparinus</i>	GCA_000023825.1_ASM2382v1_genomic.fna
1176	<i>Chitinophaga pinensis</i>	GCA_000024005.1_ASM2400v1_genomic.fna
1177	<i>Desulfohalobium retbaense</i>	GCA_000024325.1_ASM2432v1_genomic.fna
1178	<i>Kangiella koreensis</i>	GCA_000024085.1_ASM2408v1_genomic.fna
1179	<i>Leptotrichia buccalis</i>	GCA_000023905.1_ASM2390v1_genomic.fna
1180	<i>Acidimicrobium ferrooxidans</i>	GCA_000023265.1_ASM2326v1_genomic.fna
1181	<i>Desulfomicrobium baculatum</i>	GCA_000023225.1_ASM2322v1_genomic.fna
1182	<i>Nakamurella multipartita</i>	GCA_000024365.1_ASM2436v1_genomic.fna
1183	<i>Klebsiella aerogenes</i>	GCA_000215745.1_ASM21574v1_genomic.fna
1184	<i>Saccharomonospora viridis</i>	GCA_000023865.1_ASM2386v1_genomic.fna
1185	<i>Desulfitobacterium dehalogenans</i>	GCA_000243155.3_ASM24315v3_genomic.fna
1186	<i>Helicobacter felis</i>	GCA_000200595.1_ASM20059v1_genomic.fna
1187	<i>Staphylococcus pseudintermedius</i>	GCA_000185885.1_ASM18588v1_genomic.fna

1188	<i>Desulfitobacterium metallireducens</i>	GCA_000231405.3_ASM23140v3_genomic.fna
1189	<i>Planococcus donghaensis</i>	GCA_001687665.2_ASM168766v2_genomic.fna
1190	<i>Acidithiobacillus ferrivorans</i>	GCA_000214095.3_ASM21409v3_genomic.fna
1191	<i>Acetobacter pomorum</i>	GCA_002456135.1_ASM245613v1_genomic.fna
1192	<i>Desulfitobacterium dichloroeliminans</i>	GCA_000243135.3_ASM24313v3_genomic.fna
1193	<i>Desulfosporosinus acidiphilus</i>	GCA_000255115.3_ASM25511v3_genomic.fna
1194	<i>Xanthomonas gardneri</i>	GCA_001908775.1_ASM190877v1_genomic.fna
1195	<i>Corynebacterium ulcerans</i>	GCA_000215645.1_ASM21564v1_genomic.fna
1196	<i>Marichromatium purpuratum</i>	GCA_000224005.3_ASM22400v3_genomic.fna
1197	<i>Bartonella clarridgeiae</i>	GCA_000253015.1_ASM25301v1_genomic.fna
1198	<i>Microbacterium testaceum</i>	GCA_000202635.1_ASM20263v1_genomic.fna
1199	<i>Verrucosipora maris</i>	GCA_000204155.1_ASM20415v1_genomic.fna
1200	<i>Chlamydophila pecorum</i>	GCA_000204135.1_ASM20413v1_genomic.fna
1201	<i>Vibrio rotiferianus</i>	GCA_002214395.1_ASM221439v1_genomic.fna
1202	<i>Hoyosella subflava</i>	GCA_000214175.1_ASM21417v1_genomic.fna
1203	<i>Aeromonas veronii</i>	GCA_000204115.1_ASM20411v1_genomic.fna
1204	<i>Terriglobus roseus</i>	GCA_000265425.1_ASM26542v1_genomic.fna
1205	<i>Polymorphum gilvum</i>	GCA_000192745.1_ASM19274v1_genomic.fna
1206	<i>Acidiphilium multivorum</i>	GCA_000202835.1_ASM20283v1_genomic.fna
1207	<i>Paenibacillus mucilaginosus</i>	GCA_000250655.1_ASM25065v1_genomic.fna
1208	<i>Burkholderia gladioli</i>	GCA_000959725.1_ASM95972v1_genomic.fna
1209	<i>Mycobacterium abscessus</i>	GCA_000758225.1_ASM75822v1_genomic.fna
1210	<i>Echinicola vietnamensis</i>	GCA_000325705.1_ASM32570v1_genomic.fna
1211	<i>Pseudomonas brassicacearum</i>	GCA_000194805.1_ASM19480v1_genomic.fna
1212	<i>Gallibacterium anatis</i>	GCA_000209675.1_ASM20967v1_genomic.fna
1213	<i>Owenweeksia hongkongensis</i>	GCA_000236705.1_ASM23670v1_genomic.fna
1214	<i>Rickettsia amblyommatis</i>	GCA_001273795.1_ASM127379v1_genomic.fna
1215	<i>Melissococcus plutonius</i>	GCA_000747585.1_ASM74758v1_genomic.fna
1216	<i>Microlunatus phosphovorus</i>	GCA_000270245.1_ASM27024v1_genomic.fna
1217	<i>Haemophilus pittmaniae</i>	GCA_900186995.1_50465_A02_genomic.fna
1218	<i>Advenella mimigardefordensis</i>	GCA_000521505.1_ASM52150v1_genomic.fna
1219	<i>Rickettsia heilongjiangensis</i>	GCA_000221205.1_ASM22120v1_genomic.fna
1220	<i>Lactobacillus kefiranoferiens</i>	GCA_000214785.1_ASM21478v1_genomic.fna
1221	<i>Streptomyces xinghaiensis</i>	GCA_000220705.2_ASM22070v2_genomic.fna

1222	<i>Streptococcus pasteurianus</i>	GCA_000270165.1_ASM27016v1_genomic.fna
1223	<i>Mycobacterium colombiense</i>	GCA_002105755.1_ASM210575v1_genomic.fna
1224	<i>Brevibacillus laterosporus</i>	GCA_000219535.3_ASM21953v3_genomic.fna
1225	<i>Brachyspira intermedia</i>	GCA_000223215.1_ASM22321v1_genomic.fna
1226	<i>Weissella koreensis</i>	GCA_000219805.1_ASM21980v1_genomic.fna
1227	<i>Neisseria weaveri</i>	GCA_900086555.1_34903_D01_genomic.fna
1228	<i>Mycobacterium africanum</i>	GCA_000253355.1_ASM25335v1_genomic.fna
1229	<i>Pantoea agglomerans</i>	GCA_001709315.1_ASM170931v1_genomic.fna
1230	<i>Cyclobacterium marinum</i>	GCA_000222485.1_ASM22248v1_genomic.fna
1231	<i>Mycobacterium canettii</i>	GCA_000253375.1_ASM25337v1_genomic.fna
1232	<i>Burkholderia cepacia</i>	GCA_001411495.1_ASM141149v1_genomic.fna
1233	<i>Paenibacillus riograndensis</i>	GCA_000981585.1_SBR5_T_genomic.fna
1234	<i>Borrelia bisettii</i>	GCA_000222305.1_ASM22230v1_genomic.fna
1235	<i>Vibrio nigripulchritudo</i>	GCA_000801275.1_ASM80127v1_genomic.fna
1236	<i>Desulfosporosinus meridiei</i>	GCA_000231385.3_ASM23138v3_genomic.fna
1237	<i>Fervidobacterium pennivorans</i>	GCA_000235405.3_ASM23540v3_genomic.fna
1238	<i>Xanthomonas axonopodis</i>	GCA_000225915.1_ASM22591v1_genomic.fna
1239	<i>Nitrospirillum amazonense</i>	GCA_000730165.2_ASM73016v2_genomic.fna
1240	<i>Xanthomonas sacchari</i>	GCA_000815185.1_ASM81518v1_genomic.fna
1241	<i>Tetragenococcus halophilus</i>	GCA_000283615.1_ASM28361v1_genomic.fna
1242	<i>Mycoplasma yeatsii</i>	GCA_000875755.1_ASM87575v1_genomic.fna
1243	<i>Enterococcus hirae</i>	GCA_000271405.2_ASM27140v2_genomic.fna
1244	<i>Bacillus methanolicus</i>	GCA_000724485.1_ASM72448v1_genomic.fna
1245	<i>Ornithobacterium rhinotracheale</i>	GCA_000265465.1_ASM26546v1_genomic.fna
1246	<i>Hafnia alvei</i>	GCA_000597785.2_ASM59778v2_genomic.fna
1247	<i>Streptomyces venezuelae</i>	GCA_001443625.1_ASM144362v1_genomic.fna
1248	<i>Lactobacillus pentosus</i>	GCA_002211885.1_ASM221188v1_genomic.fna
1249	<i>Lactobacillus acidipiscis</i>	GCA_900116935.1_Chromosome_genomic.fna
1250	<i>Rhodococcus aetherivorans</i>	GCA_000982715.1_ASM98271v1_genomic.fna
1251	<i>Lactobacillus curvatus</i>	GCA_002224425.1_ASM222442v1_genomic.fna
1252	<i>Staphylococcus sciuri</i>	GCA_002209165.1_ASM220916v1_genomic.fna
1253	<i>Proteus vulgaris</i>	GCA_001281565.1_ASM128156v1_genomic.fna
1254	<i>Leptospirillum ferrooxidans</i>	GCA_000284315.1_ASM28431v1_genomic.fna
1255	<i>Tatumella citrea</i>	GCA_002163585.1_ASM216358v1_genomic.fna

1256	<i>Paracoccus aminophilus</i>	GCA_000444995.1_ASM44499v1_genomic.fna
1257	<i>Acetomicrobium mobile</i>	GCA_000266925.1_ASM26692v1_genomic.fna
1258	<i>Solitalea canadensis</i>	GCA_000242635.3_ASM24263v3_genomic.fna
1259	<i>Saprospira grandis</i>	GCA_000250635.1_ASM25063v1_genomic.fna
1260	<i>Niabella soli</i>	GCA_000243115.3_ASM24311v3_genomic.fna
1261	<i>Deinococcus peraridilitoris</i>	GCA_000317835.1_ASM31783v1_genomic.fna
1262	<i>Micavibrio aeruginosavorus</i>	GCA_000226315.1_ASM22631v1_genomic.fna
1263	<i>Chloracidobacterium thermophilum</i>	GCA_000226295.1_ASM22629v1_genomic.fna
1264	<i>Flavobacterium branchiophilum</i>	GCA_000253275.1_ASM25327v1_genomic.fna
1265	<i>Singulisphaera acidiphila</i>	GCA_000242455.3_ASM24245v3_genomic.fna
1266	<i>Pediococcus damnosus</i>	GCA_001611135.1_ASM161113v1_genomic.fna
1267	<i>Glaciecola nitratreducens</i>	GCA_000226565.1_ASM22656v1_genomic.fna
1268	<i>Taylorella asinigenitalis</i>	GCA_000226625.1_ASM22662v1_genomic.fna
1269	<i>Morganella morganii</i>	GCA_000286435.2_ASM28643v2_genomic.fna
1270	<i>Cutibacterium avidum</i>	GCA_000367205.1_ASM36720v1_genomic.fna
1271	<i>Komagataeibacter europaeus</i>	GCA_002173515.1_ASM217351v1_genomic.fna
1272	<i>Thiomicrospira aerophila</i>	GCA_000227665.3_ASM22766v3_genomic.fna
1273	<i>Thiocystis violascens</i>	GCA_000227745.3_ASM22774v3_genomic.fna
1274	<i>Tannerella forsythia</i>	GCA_000238215.1_ASM23821v1_genomic.fna
1275	<i>Prevotella intermedia</i>	GCA_001953955.1_ASM195395v1_genomic.fna
1276	<i>Streptomyces ambofaciens</i>	GCA_001267885.1_ASM126788v1_genomic.fna
1277	<i>Actinomyces naeslundii</i>	GCA_002355915.1_ASM235591v1_genomic.fna
1278	<i>Thermodesulfobacterium commune</i>	GCA_000734015.1_ASM73401v1_genomic.fna
1279	<i>Clostridium pasteurianum</i>	GCA_000807255.1_ASM80725v1_genomic.fna
1280	<i>Mycobacterium microti</i>	GCA_001544815.1_ASM154481v1_genomic.fna
1281	<i>Wolbachia endosymbiont</i>	GCA_000530755.1_W_O_volvulus_Cameroon_v3_genomic.fna
1282	<i>Legionella hackeliae</i>	GCA_000953655.1_LHA_genomic.fna
1283	<i>Azospirillum brasilense</i>	GCA_001315015.1_ASM131501v1_genomic.fna
1284	<i>Rhizobium tropici</i>	GCA_000330885.1_ASM33088v1_genomic.fna
1285	<i>Mycobacterium chelonae</i>	GCA_001632805.1_ASM163280v1_genomic.fna
1286	<i>Vibrio campbellii</i>	GCA_000017705.1_ASM1770v1_genomic.fna
1287	<i>Maize bushy</i>	GCA_001712875.1_ASM171287v1_genomic.fna
1288	<i>Rickettsia slovaca</i>	GCA_000237845.1_ASM23784v1_genomic.fna
1289	<i>Staphylococcus xylosus</i>	GCA_000706685.1_ASM70668v1_genomic.fna

1290	<i>Pseudomonas pseudoalcaligenes</i>	GCA_000297075.2_Ppseudo_final_genomic.fna
1291	<i>Acidaminococcus intestini</i>	GCA_000230275.1_ASM23027v1_genomic.fna
1292	<i>Nonlabens dokdonensis</i>	GCA_000332115.1_ASM33211v1_genomic.fna
1293	<i>Thermovirga lienii</i>	GCA_000233775.1_ASM23377v1_genomic.fna
1294	<i>Shimwellia blattae</i>	GCA_000262305.1_ASM26230v1_genomic.fna
1295	<i>Aerococcus christensenii</i>	GCA_001543105.1_ASM154310v1_genomic.fna
1296	<i>Chroococcidiopsis thermalis</i>	GCA_000317125.1_ASM31712v1_genomic.fna
1297	<i>Desulfobacula toluolica</i>	GCA_000307105.1_ASM30710v1_genomic.fna
1298	<i>Rickettsia japonica</i>	GCA_000283595.1_ASM28359v1_genomic.fna
1299	<i>Anaerostipes hadrus</i>	GCA_001998765.1_ASM199876v1_genomic.fna
1300	<i>Dechlorosoma suillum</i>	GCA_000236665.1_ASM23666v1_genomic.fna
1301	<i>Rubrobacter radiotolerans</i>	GCA_000661895.1_ASM66189v1_genomic.fna
1302	<i>Flavonifractor plautii</i>	GCA_001688625.2_ASM168862v2_genomic.fna
1303	<i>Cyanobacterium stanieri</i>	GCA_000317655.1_ASM31765v1_genomic.fna
1304	<i>Alistipes finegoldii</i>	GCA_000265365.1_ASM26536v1_genomic.fna
1305	<i>Bacillus simplex</i>	GCA_001578185.1_ASM157818v1_genomic.fna
1306	<i>Mycobacterium indicus</i>	GCA_000298095.1_ASM29809v1_genomic.fna
1307	<i>Actinobacillus suis</i>	GCA_000739435.1_ASM73943v1_genomic.fna
1308	<i>Amphibacillus xylanus</i>	GCA_000307165.1_ASM30716v1_genomic.fna
1309	<i>Pediococcus clausenii</i>	GCA_000237995.2_ASM23799v2_genomic.fna
1310	<i>Planktomarina temperata</i>	GCA_000738435.1_ASM73843v1_genomic.fna
1311	<i>Caldisericum exile</i>	GCA_000284335.1_ASM28433v1_genomic.fna
1312	<i>Oscillibacter valericigenes</i>	GCA_000283575.1_ASM28357v1_genomic.fna
1313	<i>Anabaena cylindrica</i>	GCA_000317695.1_ASM31769v1_genomic.fna
1314	<i>Pseudomonas viridiflava</i>	GCA_900184295.1_Chr_1_genomic.fna
1315	<i>Spiroplasma eriocheiris</i>	GCA_001029265.1_ASM102926v1_genomic.fna
1316	<i>Mycoplasma bovoculi</i>	GCA_000524555.1_ASM52455v1_genomic.fna
1317	<i>Mycoplasma flocculare</i>	GCA_000815065.1_ASM81506v1_genomic.fna
1318	<i>Moraxella bovoculi</i>	GCA_000988605.1_ASM98860v1_genomic.fna
1319	<i>Deinococcus gobiensis</i>	GCA_000252445.1_ASM25244v1_genomic.fna
1320	<i>Aequorivita sublithicola</i>	GCA_000265385.1_ASM26538v1_genomic.fna
1321	<i>Halobacteroides halobius</i>	GCA_000328625.1_ASM32862v1_genomic.fna
1322	<i>Burkholderia plantarii</i>	GCA_001411805.1_ASM141180v1_genomic.fna
1323	<i>Spiroplasma mirum</i>	GCA_000565195.1_ASM56519v1_genomic.fna

1324	<i>Sphaerochaeta pleomorpha</i>	GCA_000236685.1_ASM23668v1_genomic.fna
1325	<i>Sphingobium indicum</i>	GCA_000264945.2_ASM26494v2_genomic.fna
1326	<i>Herbaspirillum frisingense</i>	GCA_002025725.1_ASM202572v1_genomic.fna
1327	<i>Xanthomonas hortorum</i>	GCA_002285515.1_ASM228551v1_genomic.fna
1328	<i>Belliella baltica</i>	GCA_000265405.1_ASM26540v1_genomic.fna
1329	<i>Halobacillus halophilus</i>	GCA_000284515.1_ASM28451v1_genomic.fna
1330	<i>Turneriella parva</i>	GCA_000266885.1_ASM26688v1_genomic.fna
1331	<i>Actinotignum schaalii</i>	GCA_000724605.1_ASM72460v1_genomic.fna
1332	<i>Caldithrix abyssi</i>	GCA_001886815.1_ASM188681v1_genomic.fna
1333	<i>Spirochaeta africana</i>	GCA_000242595.3_ASM24259v3_genomic.fna
1334	<i>Desulfomicrobium orale</i>	GCA_001553625.1_ASM155362v1_genomic.fna
1335	<i>Eubacterium sulci</i>	GCA_001189495.1_ASM118949v1_genomic.fna
1336	<i>Mycobacterium chubuense</i>	GCA_000266905.1_ASM26690v1_genomic.fna
1337	<i>Leclercia adecarboxylata</i>	GCA_001518835.1_ASM151883v1_genomic.fna
1338	<i>Mycobacterium rhodesiae</i>	GCA_000230895.3_ASM23089v3_genomic.fna
1339	<i>Kitasatospora setae</i>	GCA_000269985.1_ASM26998v1_genomic.fna
1340	<i>Emticicia oligotrophica</i>	GCA_000263195.1_ASM26319v1_genomic.fna
1341	<i>Alcanivorax dieselolei</i>	GCA_000300005.1_ASM30000v1_genomic.fna
1342	<i>Acetobacterium woodii</i>	GCA_000247605.1_ASM24760v1_genomic.fna
1343	<i>Thioflavicoccus mobilis</i>	GCA_000327045.1_ASM32704v1_genomic.fna
1344	<i>Clostridium saccharoperbutylacetonicum</i>	GCA_000340885.1_ASM34088v1_genomic.fna
1345	<i>Ignavibacterium album</i>	GCA_000258405.1_ASM25840v1_genomic.fna
1346	<i>Streptomyces cattleya</i>	GCA_000240165.1_ASM24016v1_genomic.fna
1347	<i>Desulfosporosinus orientis</i>	GCA_000235605.1_ASM23560v1_genomic.fna
1348	<i>Dehalobacter restrictus</i>	GCA_000512895.1_ASM51289v1_genomic.fna
1349	<i>Neorhizobium galegae</i>	GCA_000731315.1_RG540_Ch_pA_genomic.fna
1350	<i>Enterococcus durans</i>	GCA_001267395.1_ASM126739v1_genomic.fna
1351	<i>Campylobacter lanienae</i>	GCA_002139935.1_ASM213993v1_genomic.fna
1352	<i>Campylobacter insulaenigrae</i>	GCA_000816185.1_ASM81618v1_genomic.fna
1353	<i>Campylobacter avium</i>	GCA_002238335.1_ASM223833v1_genomic.fna
1354	<i>Campylobacter helveticus</i>	GCA_002080395.1_ASM208039v1_genomic.fna
1355	<i>Campylobacter cuniculorum</i>	GCA_002104335.1_ASM210433v1_genomic.fna
1356	<i>Campylobacter hyointestinalis</i>	GCA_001643955.1_ASM164395v1_genomic.fna
1357	<i>Campylobacter sputorum</i>	GCA_002220735.1_ASM222073v1_genomic.fna

1358	<i>Campylobacter volucris</i>	GCA_000816345.1_ASM81634v1_genomic.fna
1359	<i>Rhodococcus pyridinivorans</i>	GCA_000511305.1_ASM51130v1_genomic.fna
1360	<i>Flavobacterium columnare</i>	GCA_000240075.2_ASM24007v2_genomic.fna
1361	<i>Pseudoxanthomonas spadix</i>	GCA_000233915.4_ASM23391v4_genomic.fna
1362	<i>Leptospirillum ferriphilum</i>	GCA_000299235.1_ASM29923v1_genomic.fna
1363	<i>Leuconostoc carnosum</i>	GCA_000300135.1_ASM30013v1_genomic.fna
1364	<i>Enterococcus mundtii</i>	GCA_000504125.1_ASM50412v1_genomic.fna
1365	<i>Bacillus horikoshii</i>	GCA_002157855.1_ASM215785v1_genomic.fna
1366	<i>Streptococcus lutetiensis</i>	GCA_000441535.1_ASM44153v1_genomic.fna
1367	<i>Herbaspirillum rubrisubalbicans</i>	GCA_001483945.1_ASM148394v1_genomic.fna
1368	<i>Clostridium clariflavum</i>	GCA_000237085.1_ASM23708v1_genomic.fna
1369	<i>Pelagibacterium halotolerans</i>	GCA_000230555.1_ASM23055v1_genomic.fna
1370	<i>Mesorhizobium amorphae</i>	GCA_001686985.1_ASM168698v1_genomic.fna
1371	<i>Francisella persica</i>	GCA_001653955.1_ASM165395v1_genomic.fna
1372	<i>Exiguobacterium antarcticum</i>	GCA_000299435.1_ASM29943v1_genomic.fna
1373	<i>Mycoplasma wenyonii</i>	GCA_000277795.1_ASM27779v1_genomic.fna
1374	<i>Carnobacterium maltaromaticum</i>	GCA_000317975.2_ASM31797v2_genomic.fna
1375	<i>Paenibacillus peoriae</i>	GCA_001272655.2_ASM127265v2_genomic.fna
1376	<i>Francisella noatunensis</i>	GCA_000262205.1_ASM26220v1_genomic.fna
1377	<i>Francisella hispaniensis</i>	GCA_001885235.1_ASM188523v1_genomic.fna
1378	<i>Piscirickettsia salmonis</i>	GCA_000300295.4_ASM30029v4_genomic.fna
1379	<i>Methylobacterium alcaliphilum</i>	GCA_000968535.1_ASM96853v1_genomic.fna
1380	<i>Streptomyces xiamenensis</i>	GCA_000993785.2_ASM99378v2_genomic.fna
1381	<i>Flavobacterium indicum</i>	GCA_000455605.1_GPTSA100-9_genomic.fna
1382	<i>Leisingera methylohalidivorans</i>	GCA_000511355.1_ASM51135v1_genomic.fna
1383	<i>Thermocrinis ruber</i>	GCA_000512735.1_ASM51273v1_genomic.fna
1384	<i>Rickettsia philipii</i>	GCA_000283995.1_ASM28399v1_genomic.fna
1385	<i>Rickettsia parkeri</i>	GCA_000284195.1_ASM28419v1_genomic.fna
1386	<i>Rickettsia australis</i>	GCA_000284155.1_ASM28415v1_genomic.fna
1387	<i>Rickettsia montanensis</i>	GCA_000284175.1_ASM28417v1_genomic.fna
1388	<i>Rickettsia rhipicephali</i>	GCA_000284075.1_ASM28407v1_genomic.fna
1389	<i>Bartonella vinsonii</i>	GCA_000341385.1_ASM34138v1_genomic.fna
1390	<i>Bartonella australis</i>	GCA_000341355.1_ASM34135v1_genomic.fna
1391	<i>Thermoanaerobacterium saccharolyticum</i>	GCA_000307585.2_ASM30758v2_genomic.fna

1392	<i>Rhodoferrax antarcticus</i>	GCA_001955735.1_ASM195573v1_genomic.fna
1393	<i>Mycoplasma haemocanis</i>	GCA_000238995.1_ASM23899v1_genomic.fna
1394	<i>Desulfurella acetivorans</i>	GCA_000517565.1_ASM51756v1_genomic.fna
1395	<i>Corynebacterium casei</i>	GCA_000550785.1_ASM55078v1_genomic.fna
1396	<i>Tistrella mobilis</i>	GCA_000264455.2_ASM26445v2_genomic.fna
1397	<i>Pseudomonas psychrotolerans</i>	GCA_001913135.1_ASM191313v1_genomic.fna
1398	<i>Gordonia polyisoprenivorans</i>	GCA_000247715.1_ASM24771v1_genomic.fna
1399	<i>Rhodococcus rhodochrous</i>	GCA_900187265.1_52295_G01_genomic.fna
1400	<i>Staphylococcus hyicus</i>	GCA_000816085.1_ASM81608v1_genomic.fna
1401	<i>Elizabethkingia anophelis</i>	GCA_000495935.2_ASM49593v2_genomic.fna
1402	<i>Simiduia agarivorans</i>	GCA_000305785.2_ASM30578v2_genomic.fna
1403	<i>Mycoplasma canis</i>	GCA_001553195.1_ASM155319v1_genomic.fna
1404	<i>Pseudoalteromonas arctica</i>	GCA_000238395.4_ASM23839v4_genomic.fna
1405	<i>Pseudoalteromonas marina</i>	GCA_002407085.1_ASM240708v1_genomic.fna
1406	<i>Pseudoalteromonas piscicida</i>	GCA_002208135.1_ASM220813v1_genomic.fna
1407	<i>Pseudoalteromonas rubra</i>	GCA_001482385.1_ASM148238v1_genomic.fna
1408	<i>Pseudoalteromonas spongiae</i>	GCA_000238255.4_ASM23825v4_genomic.fna
1409	<i>Citrobacter farmeri</i>	GCA_002249995.1_ASM224999v1_genomic.fna
1410	<i>Citrobacter werkmanii</i>	GCA_002025225.1_ASM202522v1_genomic.fna
1411	<i>Novosphingobium pentaromativorans</i>	GCA_000767465.1_ASM76746v1_genomic.fna
1412	<i>Pseudomonas monteilli</i>	GCA_001534745.1_ASM153474v1_genomic.fna
1413	<i>Rothia aerea</i>	GCA_002355935.1_ASM235593v1_genomic.fna
1414	<i>Nocardia cyriacigeorgica</i>	GCA_000284035.1_ASM28403v1_genomic.fna
1415	<i>Gottschalkia acidurici</i>	GCA_000299355.1_ASM29935v1_genomic.fna
1416	<i>Rhizobium phaseoli</i>	GCA_000172715.2_ASM17271v2_genomic.fna
1417	<i>Cupriavidus basilensis</i>	GCA_000832305.1_ASM83230v1_genomic.fna
1418	<i>Pseudoalteromonas luteoviolacea</i>	GCA_001750165.1_ASM175016v1_genomic.fna
1419	<i>Cronobacter malonaticus</i>	GCA_000504545.1_ASM50454v1_genomic.fna
1420	<i>Lactobacillus mucosae</i>	GCA_000248095.3_ASM24809v3_genomic.fna
1421	<i>Xanthomonas fragariae</i>	GCA_001705565.1_ASM170556v1_genomic.fna
1422	<i>Thioalkalivibrio paradoxus</i>	GCA_000227685.3_ASM22768v3_genomic.fna
1423	<i>Advenella kashmirensis</i>	GCA_000219915.3_ASM21991v3_genomic.fna
1424	<i>Thermacetogenium phaeum</i>	GCA_000305935.1_ASM30593v1_genomic.fna
1425	<i>Paenibacillus terrae</i>	GCA_000235585.1_ASM23558v1_genomic.fna

1426	<i>Megasphaera elsdenii</i>	GCA_001304715.1_ASM130471v1_genomic.fna
1427	<i>Basilea psittacipulmonis</i>	GCA_000743945.1_ASM74394v1_genomic.fna
1428	<i>Gordonia terrae</i>	GCA_001698225.1_ASM169822v1_genomic.fna
1429	<i>Streptococcus macedonicus</i>	GCA_000283635.1_ASM28363v1_genomic.fna
1430	<i>Pseudomonas fragi</i>	GCA_001543265.1_ASM154326v1_genomic.fna
1431	<i>Nocardia brasiliensis</i>	GCA_000250675.3_ASM25067v3_genomic.fna
1432	<i>Wolbachia endosymbiont</i>	GCA_000306885.1_ASM30688v1_genomic.fna
1433	<i>Rubrivivax gelatinosus</i>	GCA_000284255.1_ASM28425v1_genomic.fna
1434	<i>Moraxella osloensis</i>	GCA_001553955.1_ASM155395v1_genomic.fna
1435	<i>Sphingomonas melonis</i>	GCA_001761345.1_ASM176134v1_genomic.fna
1436	<i>Corallococcus coralloides</i>	GCA_000255295.1_ASM25529v1_genomic.fna
1437	<i>Caldilinea aerophila</i>	GCA_000281175.1_ASM28117v1_genomic.fna
1438	<i>Amycolatopsis methanolica</i>	GCA_000739085.1_ASM73908v1_genomic.fna
1439	<i>Geobacillus thermoleovorans</i>	GCA_001610955.1_ASM161095v1_genomic.fna
1440	<i>Marinovum algicola</i>	GCA_001046955.1_ASM104695v1_genomic.fna
1441	<i>Thermus oshimai</i>	GCA_000309885.1_ASM30988v1_genomic.fna
1442	<i>Anaerotignum propionicum</i>	GCA_001561955.1_ASM156195v1_genomic.fna
1443	<i>Sulfurospirillum barnesii</i>	GCA_000265295.1_ASM26529v1_genomic.fna
1444	<i>Opitutaceae bacterium</i>	GCA_000242935.3_ASM24293v3_genomic.fna
1445	<i>Frateuria aurantia</i>	GCA_000242255.3_ASM24225v3_genomic.fna
1446	<i>Burkholderia seminalis</i>	GCA_001718535.1_ASM171853v1_genomic.fna
1447	<i>Solibacillus silvestris</i>	GCA_001586195.1_ASM158619v1_genomic.fna
1448	<i>Fimbriimonas ginsengisoli</i>	GCA_000724625.1_ASM72462v1_genomic.fna
1449	<i>Photorhabdus temperata</i>	GCA_001010285.1_ASM101028v1_genomic.fna
1450	<i>Pseudomonas chlororaphis</i>	GCA_000698865.1_ASM69886v1_genomic.fna
1451	<i>Campylobacter ureolyticus</i>	GCA_001190755.1_ASM119075v1_genomic.fna
1452	<i>Barnesiella viscericola</i>	GCA_000512915.1_ASM51291v1_genomic.fna
1453	<i>Bernardetia litoralis</i>	GCA_000265505.1_ASM26550v1_genomic.fna
1454	<i>Phycisphaera mikurensis</i>	GCA_000284115.1_ASM28411v1_genomic.fna
1455	<i>Bifidobacterium asteroides</i>	GCA_000304215.1_ASM30421v1_genomic.fna
1456	<i>Blastococcus saxosidens</i>	GCA_000284015.1_ASM28401v1_genomic.fna
1457	<i>Pseudomonas mandelii</i>	GCA_000257545.3_ASM25754v3_genomic.fna
1458	<i>Pelosinus fermentans</i>	GCA_000271665.2_ASM27166v2_genomic.fna
1459	<i>Sulfurospirillum multivorans</i>	GCA_000568815.1_ASM56881v1_genomic.fna

1460	<i>Pararhodospirillum photometricum</i>	GCA_000284415.2_ASM28441v2_genomic.fna
1461	<i>Serratia plymuthica</i>	GCA_000176835.2_ASM17683v2_genomic.fna
1462	<i>Amycolatopsis orientalis</i>	GCA_000400635.2_ASM40063v2_genomic.fna
1463	<i>Methylococcus thermophilus</i>	GCA_000953475.1_MfumSolVChr1_genomic.fna
1464	<i>Alcaligenes faecalis</i>	GCA_000967305.2_ASM96730v2_genomic.fna
1465	<i>Phaeobacter inhibens</i>	GCA_000154745.2_ASM15474v2_genomic.fna
1466	<i>Cronobacter dublinensis</i>	GCA_001277235.1_ASM127723v1_genomic.fna
1467	<i>Cronobacter universalis</i>	GCA_001277175.1_ASM127717v1_genomic.fna
1468	<i>Mycobacterium haemophilum</i>	GCA_000340435.3_ASM34043v3_genomic.fna
1469	<i>Alteromonas stellipolaris</i>	GCA_001562115.1_ASM156211v1_genomic.fna
1470	<i>Staphylococcus equorum</i>	GCA_001432245.1_ASM143224v1_genomic.fna
1471	<i>Paraburkholderia caribensis</i>	GCA_000522545.2_ASM52254v2_genomic.fna
1472	<i>Cronobacter muytjensii</i>	GCA_001277195.1_ASM127719v1_genomic.fna
1473	<i>Cronobacter condimenti</i>	GCA_001277255.1_ASM127725v1_genomic.fna
1474	<i>Helicobacter cetorum</i>	GCA_000259275.1_ASM25927v1_genomic.fna
1475	<i>Desulfovibrio alaskensis</i>	GCA_000012665.1_ASM1266v1_genomic.fna
1476	<i>Pseudomonas knackmussii</i>	GCA_000689415.1_PKB13_genomic.fna
1477	<i>Desulfocapsa sulfexigens</i>	GCA_000341395.1_ASM34139v1_genomic.fna
1478	<i>Actinosynnema pretiosum</i>	GCA_002354875.1_ASM235487v1_genomic.fna
1479	<i>Actinoplanes missouriensis</i>	GCA_000284295.1_ASM28429v1_genomic.fna
1480	<i>Lactococcus piscium</i>	GCA_000981525.1_L_piscium_genomic.fna
1481	<i>Mycobacterium phlei</i>	GCA_001583415.1_ASM158341v1_genomic.fna
1482	<i>Acidipropionibacterium acidipropionici</i>	GCA_001441165.1_ASM144116v1_genomic.fna
1483	<i>Leptolyngbya boryana</i>	GCA_002142495.1_ASM214249v1_genomic.fna
1484	<i>Streptomyces globisporus</i>	GCA_000261345.2_ASM26134v2_genomic.fna
1485	<i>Cyanobium gracile</i>	GCA_000316515.1_ASM31651v1_genomic.fna
1486	<i>Dactylococcopsis salina</i>	GCA_000317615.1_ASM31761v1_genomic.fna
1487	<i>Oscillatoria acuminata</i>	GCA_000317105.1_ASM31710v1_genomic.fna
1488	<i>Crinalium epipsammum</i>	GCA_000317495.1_ASM31749v1_genomic.fna
1489	<i>Staniera cyanosphaera</i>	GCA_000317575.1_ASM31757v1_genomic.fna
1490	<i>Bordetella holmesii</i>	GCA_000612485.1_ASM61248v1_genomic.fna
1491	<i>Kosakonia radicincitans</i>	GCA_000280495.2_ASM28049v2_genomic.fna
1492	<i>Thalassospira xiamenensis</i>	GCA_000300235.2_ASM30023v2_genomic.fna
1493	<i>Bacillus altitudinis</i>	GCA_002443015.1_ASM244301v1_genomic.fna

1494	<i>Bacillus safensis</i>	GCA_001895885.1_ASM189588v1_genomic.fna
1495	<i>Agrobacterium fabrum</i>	GCA_000092025.1_ASM9202v1_genomic.fna
1496	<i>Bdellovibrio exovorus</i>	GCA_000348725.1_ASM34872v1_genomic.fna
1497	<i>Granulicella tundricola</i>	GCA_000178975.2_ASM17897v2_genomic.fna
1498	<i>Planococcus antarcticus</i>	GCA_001687565.2_ASM168756v2_genomic.fna
1499	<i>Mycoplasma arginini</i>	GCA_001547975.1_ASM154797v1_genomic.fna
1500	<i>Vibrio breoganii</i>	GCA_001677275.1_ASM167727v1_genomic.fna
1501	<i>Rhodovulum sulfidophilum</i>	GCA_001633165.1_ASM163316v1_genomic.fna
1502	<i>Myxococcus macrosporus</i>	GCA_002305895.1_ASM230589v1_genomic.fna
1503	<i>Vibrio tasmaniensis</i>	GCA_000091465.1_ASM9146v1_genomic.fna
1504	<i>Melioribacter roseus</i>	GCA_000279145.1_ASM27914v1_genomic.fna
1505	<i>Granulosicoccus antarcticus</i>	GCA_002215215.1_ASM221521v1_genomic.fna
1506	<i>Sulfurospirillum halorespirans</i>	GCA_001723605.1_ASM172360v1_genomic.fna
1507	<i>Pseudomonas alcaliphila</i>	GCA_001941865.1_ASM194186v1_genomic.fna
1508	<i>Mycobacterium vaccae</i>	GCA_001655245.1_ASM165524v1_genomic.fna
1509	<i>Xanthomonas translucens</i>	GCA_001021935.1_ASM102193v1_genomic.fna
1510	<i>Snodgrassella alvi</i>	GCA_000600005.1_ASM60000v1_genomic.fna
1511	<i>Virgibacillus halodenitrificans</i>	GCA_001878675.1_ASM187867v1_genomic.fna
1512	<i>Bacillus endophyticus</i>	GCA_000972245.3_ASM97224v3_genomic.fna
1513	<i>Bacillus oceanisediminis</i>	GCA_000294775.2_ASM29477v2_genomic.fna
1514	<i>Corynebacterium terpenotabidum</i>	GCA_000418365.1_ASM41836v1_genomic.fna
1515	<i>Corynebacterium doosanense</i>	GCA_000767055.1_ASM76705v1_genomic.fna
1516	<i>Nocardiopsis alba</i>	GCA_000294515.1_ASM29451v1_genomic.fna
1517	<i>Rhizobium gallicum</i>	GCA_000816845.1_ASM81684v1_genomic.fna
1518	<i>Martelella mediterranea</i>	GCA_002043005.1_ASM204300v1_genomic.fna
1519	<i>Sulfuricella denitrificans</i>	GCA_000297055.2_ASM29705v2_genomic.fna
1520	<i>Aeromonas media</i>	GCA_000287215.3_ASM28721v3_genomic.fna
1521	<i>Thalassolituus oleivorans</i>	GCA_000355675.1_ASM35567v1_genomic.fna
1522	<i>Clostridium tyrobutyricum</i>	GCA_001642655.1_ASM164265v1_genomic.fna
1523	<i>Burkholderia pyrrocinia</i>	GCA_001028665.1_ASM102866v1_genomic.fna
1524	<i>Nocardia nova</i>	GCA_000523235.1_ASM52323v1_genomic.fna
1525	<i>Nocardia seriolae</i>	GCA_001865855.1_ASM186585v1_genomic.fna
1526	<i>Nocardia soli</i>	GCA_001886715.1_ASM188671v1_genomic.fna
1527	<i>Planococcus halocryophilus</i>	GCA_001687585.2_ASM168758v2_genomic.fna

1528	<i>Mycobacterium fortuitum</i>	GCA_001307545.1_ASM130754v1_genomic.fna
1529	<i>Pseudomonas alcaligenes</i>	GCA_001597285.1_ASM159728v1_genomic.fna
1530	<i>Pseudomonas azotoformans</i>	GCA_001579805.1_ASM157980v1_genomic.fna
1531	<i>Pseudomonas citronellolis</i>	GCA_001654435.1_ASM165443v1_genomic.fna
1532	<i>Pseudomonas cremoricolorata</i>	GCA_000759535.1_ASM75953v1_genomic.fna
1533	<i>Pseudomonas oryzihabitans</i>	GCA_001518815.1_ASM151881v1_genomic.fna
1534	<i>Pseudomonas parafulva</i>	GCA_000800255.1_ASM80025v1_genomic.fna
1535	<i>Pseudomonas plecoglossicida</i>	GCA_000831585.1_ASM83158v1_genomic.fna
1536	<i>Edwardsiella hoshinae</i>	GCA_001761405.1_ASM176140v1_genomic.fna
1537	<i>Elizabethkingia meningoseptica</i>	GCA_002022105.1_ASM202210v1_genomic.fna
1538	<i>Cedecea neteri</i>	GCA_000757825.1_ASM75782v1_genomic.fna
1539	<i>Paraburkholderia fungorum</i>	GCA_000961515.1_ASM96151v1_genomic.fna
1540	<i>Serratia rubidaea</i>	GCA_001572725.1_ASM157272v1_genomic.fna
1541	<i>Kluyvera intermedia</i>	GCA_001022135.1_ASM102213v1_genomic.fna
1542	<i>Sphingopyxis macrogoltabida</i>	GCA_001314325.1_ASM131432v1_genomic.fna
1543	<i>Sphingobium herbicidovorans</i>	GCA_002080435.1_ASM208043v1_genomic.fna
1544	<i>Sphingomonas koreensis</i>	GCA_001922385.1_ASM192238v1_genomic.fna
1545	<i>Sphingopyxis terrae</i>	GCA_001610975.1_ASM161097v1_genomic.fna
1546	<i>Sphingopyxis granuli</i>	GCA_001559015.1_ASM155901v1_genomic.fna
1547	<i>Vibrio natriegens</i>	GCA_001456255.1_ASM145625v1_genomic.fna
1548	<i>Vibrio gazogenes</i>	GCA_002196515.1_ASM219651v1_genomic.fna
1549	<i>Pseudothromotoga elfii</i>	GCA_000504085.1_ASM50408v1_genomic.fna
1550	<i>Pluralibacter gergoviae</i>	GCA_000757785.1_ASM75778v1_genomic.fna
1551	<i>Pseudothromotoga hypogea</i>	GCA_000816145.1_ASM81614v1_genomic.fna
1552	<i>Lelliottia amnigena</i>	GCA_001652505.2_ASM165250v2_genomic.fna
1553	<i>Delftia tsuruhatensis</i>	GCA_001753225.1_ASM175322v1_genomic.fna
1554	<i>Bacillus krulwichiae</i>	GCA_002109385.1_ASM210938v1_genomic.fna
1555	<i>Bacillus sonorensis</i>	GCA_002202015.1_ASM220201v1_genomic.fna
1556	<i>Acinetobacter schindleri</i>	GCA_001971565.1_ASM197156v1_genomic.fna
1557	<i>Legionella fallonii</i>	GCA_000953135.1_LFA_genomic.fna
1558	<i>Corynebacterium marinum</i>	GCA_000835165.1_ASM83516v1_genomic.fna
1559	<i>Corynebacterium maris</i>	GCA_000442645.1_ASM44264v1_genomic.fna
1560	<i>Corynebacterium humireducens</i>	GCA_000819445.1_ASM81944v1_genomic.fna
1561	<i>Corynebacterium vitaeruminis</i>	GCA_000550805.1_ASM55080v1_genomic.fna

1562	<i>Dickeya solani</i>	GCA_001644705.1_ASM164470v1_genomic.fna
1563	<i>Thioalkalivibrio versutus</i>	GCA_001020955.1_ASM102095v1_genomic.fna
1564	<i>Paraburkholderia phenoliruptrix</i>	GCA_000300095.1_ASM30009v1_genomic.fna
1565	<i>Paraglaciecola psychrophila</i>	GCA_000347635.1_ASM34763v1_genomic.fna
1566	<i>Kocuria palustris</i>	GCA_001275345.1_ASM127534v1_genomic.fna
1567	<i>Pseudomonas protegens</i>	GCA_000397205.1_ASM39720v1_genomic.fna
1568	<i>Leptospira alstonii</i>	GCA_001729245.1_ASM172924v1_genomic.fna
1569	<i>Octadecabacter arcticus</i>	GCA_000155735.2_ASM15573v2_genomic.fna
1570	<i>Staphylococcus pettenkoferi</i>	GCA_002208805.1_ASM220880v1_genomic.fna
1571	<i>Moorea producens</i>	GCA_001767235.1_ASM176723v1_genomic.fna
1572	<i>Pseudomonas resinovorans</i>	GCA_000412695.1_ASM41269v1_genomic.fna
1573	<i>Actinoplanes friuliensis</i>	GCA_000494755.1_ASM49475v1_genomic.fna
1574	<i>Streptomyces collinus</i>	GCA_000444875.1_ASM44487v1_genomic.fna
1575	<i>Thioalkalivibrio nitratireducens</i>	GCA_000321415.2_ASM32141v2_genomic.fna
1576	<i>Achromobacter denitrificans</i>	GCA_001514355.1_ASM151435v1_genomic.fna
1577	<i>Clostridium stercorarium</i>	GCA_000331995.1_ASM33199v1_genomic.fna
1578	<i>Citrobacter amalonaticus</i>	GCA_000981805.1_ASM98180v1_genomic.fna
1579	<i>Bibersteinia trehalosi</i>	GCA_000347595.1_ASM34759v1_genomic.fna
1580	<i>Herbaspirillum hiltneri</i>	GCA_001267925.1_ASM126792v1_genomic.fna
1581	<i>Mycobacterium neoaurum</i>	GCA_000317305.3_ASM31730v3_genomic.fna
1582	<i>Oscillatoria nigro-viridis</i>	GCA_000317475.1_ASM31747v1_genomic.fna
1583	<i>Nitrosospora briensis</i>	GCA_000619905.2_ASM61990v2_genomic.fna
1584	<i>Cyanobacterium aponinum</i>	GCA_000317675.1_ASM31767v1_genomic.fna
1585	<i>Streptococcus oralis</i>	GCA_002356415.1_ASM235641v1_genomic.fna
1586	<i>Lactococcus raffinolactis</i>	GCA_002310475.1_ASM231047v1_genomic.fna
1587	<i>Acinetobacter soli</i>	GCA_001953195.1_ASM195319v1_genomic.fna
1588	<i>Mycoplasma cynos</i>	GCA_000328725.1_ASM32872v1_genomic.fna
1589	<i>Rickettsia monacensis</i>	GCA_000499665.2_RMONA_1_genomic.fna
1590	<i>Tepidanaerobacter acetatoxydans</i>	GCA_000328765.2_ASM32876v2_genomic.fna
1591	<i>Liberibacter crescens</i>	GCA_000325745.1_ASM32574v1_genomic.fna
1592	<i>Saccharothrix espanaensis</i>	GCA_000328705.1_ASM32870v1_genomic.fna
1593	<i>Serratia liquefaciens</i>	GCA_000422085.1_ASM42208v1_genomic.fna
1594	<i>Raoultella ornithinolytica</i>	GCA_000367425.1_ASM36742v1_genomic.fna
1595	<i>Corynebacterium flavesens</i>	GCA_001941465.1_ASM194146v1_genomic.fna

1596	<i>Stenotrophomonas rhizophila</i>	GCA_001704155.1_ASM170415v1_genomic.fna
1597	<i>Corynebacterium stationis</i>	GCA_001941345.1_ASM194134v1_genomic.fna
1598	<i>Lactobacillus crustorum</i>	GCA_001951175.1_ASM195117v1_genomic.fna
1599	<i>Weissella ceti</i>	GCA_000750535.1_ASM75053v1_genomic.fna
1600	<i>Spiroplasma taiwanense</i>	GCA_000439435.1_ASM43943v1_genomic.fna
1601	<i>Spiroplasma diminutum</i>	GCA_000439455.1_ASM43945v1_genomic.fna
1602	<i>Spiroplasma chrysopicola</i>	GCA_000400935.1_ASM40093v1_genomic.fna
1603	<i>Spiroplasma syrphidicola</i>	GCA_000400955.1_ASM40095v1_genomic.fna
1604	<i>Spiroplasma culicicola</i>	GCA_000565175.1_ASM56517v1_genomic.fna
1605	<i>Spiroplasma sabaudiense</i>	GCA_000565215.1_ASM56521v1_genomic.fna
1606	<i>Spiroplasma apis</i>	GCA_000500935.1_ASM50093v1_genomic.fna
1607	<i>Ruegeria mobilis</i>	GCA_000376545.2_ASM37654v2_genomic.fna
1608	<i>Myxococcus stipitatus</i>	GCA_000331735.1_ASM33173v1_genomic.fna
1609	<i>Corynebacterium callunae</i>	GCA_000344785.1_ASM34478v1_genomic.fna
1610	<i>Bifidobacterium pseudolongum</i>	GCA_000800475.2_ASM80047v2_genomic.fna
1611	<i>Pannonibacter phragmitetus</i>	GCA_001484065.1_ASM148406v1_genomic.fna
1612	<i>Neorickettsia helminthoeca</i>	GCA_000632985.1_ASM63298v1_genomic.fna
1613	<i>Lysobacter antibioticus</i>	GCA_001442535.1_ASM144253v1_genomic.fna
1614	<i>Streptomyces albulus</i>	GCA_000695235.1_ASM69523v1_genomic.fna
1615	<i>Mannheimia varigena</i>	GCA_000521655.1_ASM52165v1_genomic.fna
1616	<i>Staphylococcus pasteurii</i>	GCA_000494875.1_ASM49487v1_genomic.fna
1617	<i>Trueperella pyogenes</i>	GCA_000612055.1_ASM61205v1_genomic.fna
1618	<i>Streptomyces violaceoruber</i>	GCA_002082175.1_ASM208217v1_genomic.fna
1619	<i>Streptomyces laurentii</i>	GCA_002355495.1_ASM235549v1_genomic.fna
1620	<i>Sporosarcina ureae</i>	GCA_002082015.1_ASM208201v1_genomic.fna
1621	<i>Roseovarius mucosus</i>	GCA_002080415.1_ASM208041v1_genomic.fna
1622	<i>Pseudomonas poae</i>	GCA_000336465.1_ASM33646v1_genomic.fna
1623	<i>Aerococcus urinaeequi</i>	GCA_001518795.1_ASM151879v1_genomic.fna
1624	<i>Brevundimonas naejangsanensis</i>	GCA_000635915.2_ASM63591v2_genomic.fna
1625	<i>Rathayibacter toxicus</i>	GCA_001465855.1_ASM146585v1_genomic.fna
1626	<i>Treponema pedis</i>	GCA_000447675.1_ASM44767v1_genomic.fna
1627	<i>Borrelia miyamotoi</i>	GCA_000445425.4_ASM44542v4_genomic.fna
1628	<i>Photobacterium gaetbulicola</i>	GCA_000940995.1_ASM94099v1_genomic.fna
1629	<i>Melittangium boletus</i>	GCA_002305855.1_ASM230585v1_genomic.fna

1630	<i>Mycobacterium yongonense</i>	GCA_000418535.2_ASM41853v2_genomic.fna
1631	<i>Dokdonella koreensis</i>	GCA_001632775.1_ASM163277v1_genomic.fna
1632	<i>Isoptericola dokdonensis</i>	GCA_001636295.1_ASM163629v1_genomic.fna
1633	<i>Bradyrhizobium oligotrophicum</i>	GCA_000344805.1_ASM34480v1_genomic.fna
1634	<i>Nocardioides dokdonensis</i>	GCA_001653335.1_ASM165333v1_genomic.fna
1635	<i>Streptomyces fulvissimus</i>	GCA_000385945.1_ASM38594v1_genomic.fna
1636	<i>Pseudoalteromonas agarivorans</i>	GCA_002310855.1_ASM231085v1_genomic.fna
1637	<i>Ilumatobacter coccineus</i>	GCA_000348785.1_ASM34878v1_genomic.fna
1638	<i>Pseudomonas veronii</i>	GCA_002028325.1_ASM202832v1_genomic.fna
1639	<i>Bacillus flexus</i>	GCA_002024265.1_ASM202426v1_genomic.fna
1640	<i>Cupriavidus gilardii</i>	GCA_001281465.1_ASM128146v1_genomic.fna
1641	<i>Plesiomonas shigelloides</i>	GCA_900087055.1_31289_E01_genomic.fna
1642	<i>Variovorax boronicumulus</i>	GCA_002291405.1_ASM229140v1_genomic.fna
1643	<i>Rathayibacter tritici</i>	GCA_001641005.1_ASM164100v1_genomic.fna
1644	<i>Azotobacter chroococcum</i>	GCA_000817975.1_ASM81797v1_genomic.fna
1645	<i>Cycloclasticus zancles</i>	GCA_000442595.1_ASM44259v1_genomic.fna
1646	<i>Bordetella hinzii</i>	GCA_001078275.1_ASM107827v1_genomic.fna
1647	<i>Serratia fonticola</i>	GCA_001006005.1_ASM100600v1_genomic.fna
1648	<i>Paenibacillus durus</i>	GCA_000756615.1_ASM75661v1_genomic.fna
1649	<i>Vibrio owensii</i>	GCA_002021755.1_ASM202175v1_genomic.fna
1650	<i>Paenibacillus graminis</i>	GCA_000758705.1_ASM75870v1_genomic.fna
1651	<i>Enterobacter lignolyticus</i>	GCA_000164865.1_ASM16486v1_genomic.fna
1652	<i>Burkholderia contaminans</i>	GCA_001029145.1_ASM102914v1_genomic.fna
1653	<i>Spiribacter salinus</i>	GCA_000319575.2_ASM31957v2_genomic.fna
1654	<i>Thermodesulfobacterium geofontis</i>	GCA_000215975.1_ASM21597v1_genomic.fna
1655	<i>Clostridium autoethanogenum</i>	GCA_000484505.1_ASM48450v1_genomic.fna
1656	<i>Clostridium saccharobutylicum</i>	GCA_000473995.1_ASM47399v1_genomic.fna
1657	<i>Roseomonas gilardii</i>	GCA_001941945.1_ASM194194v1_genomic.fna
1658	<i>Sphingobium baderi</i>	GCA_001456115.1_ASM145611v1_genomic.fna
1659	<i>Corynebacterium argentoratense</i>	GCA_000590555.1_ASM59055v1_genomic.fna
1660	<i>Cellulophaga baltica</i>	GCA_000468615.2_ASM46861v2_genomic.fna
1661	<i>Microbulbifer agarilyticus</i>	GCA_001999945.1_ASM199994v1_genomic.fna
1662	<i>Bradyrhizobium diazoefficiens</i>	GCA_000011365.1_ASM1136v1_genomic.fna
1663	<i>Clostridium chauvoei</i>	GCA_900168365.1_JF4335_genomic.fna

1664	<i>Campylobacter subantarcticus</i>	GCA_000816265.1_ASM81626v1_genomic.fna
1665	<i>Adlercreutzia equolifaciens</i>	GCA_000478885.1_ASM47888v1_genomic.fna
1666	<i>Desulfococcus multivorans</i>	GCA_001854245.1_ASM185424v1_genomic.fna
1667	<i>Pragia fontium</i>	GCA_001026985.1_ASM102698v1_genomic.fna
1668	<i>Pseudomonas mosselii</i>	GCA_000498975.2_ASM49897v2_genomic.fna
1669	<i>Yersinia similis</i>	GCA_000582515.1_ASM58251v1_genomic.fna
1670	<i>Streptomyces lydicus</i>	GCA_001729485.1_ASM172948v1_genomic.fna
1671	<i>Bacillus infantis</i>	GCA_000473245.1_ASM47324v1_genomic.fna
1672	<i>Acholeplasma brassicae</i>	GCA_000967915.1_ASM96791v1_genomic.fna
1673	<i>Acholeplasma palmae</i>	GCA_000968055.1_ASM96805v1_genomic.fna
1674	<i>Mycoplasma parvum</i>	GCA_000477415.1_ASM47741v1_genomic.fna
1675	<i>Bacillus toyonensis</i>	GCA_000496285.1_ASM49628v1_genomic.fna
1676	<i>Capnocytophaga haemolytica</i>	GCA_001553545.1_ASM155354v1_genomic.fna
1677	<i>Streptomyces niveus</i>	GCA_002009175.1_ASM200917v1_genomic.fna
1678	<i>Hyphomicrobium nitrativorans</i>	GCA_000503895.1_ASM50389v1_genomic.fna
1679	<i>Pandoraea pnumenusa</i>	GCA_000767615.3_ASM76761v3_genomic.fna
1680	<i>Ehrlichia muris</i>	GCA_000508225.1_ASM50822v1_genomic.fna
1681	<i>Mycoplasma ovis</i>	GCA_000508245.1_ASM50824v1_genomic.fna
1682	<i>Legionella oakridgensis</i>	GCA_000512355.1_ASM51235v1_genomic.fna
1683	<i>Sphingomonas sanxanigenens</i>	GCA_000512205.2_ASM51220v2_genomic.fna
1684	<i>Bifidobacterium kashiwanohense</i>	GCA_000800455.1_ASM80045v1_genomic.fna
1685	<i>Kosakonia sacchari</i>	GCA_000300455.4_ASM30045v4_genomic.fna
1686	<i>Aeromonas dhakensis</i>	GCA_002285935.1_ASM228593v1_genomic.fna
1687	<i>Chlamydia gallinacea</i>	GCA_000471025.2_ASM47102v2_genomic.fna
1688	<i>Borrelia anserina</i>	GCA_001936255.1_ASM193625v1_genomic.fna
1689	<i>Borrelia parkeri</i>	GCA_000512145.2_ASM51214v2_genomic.fna
1690	<i>Komagataeibacter medellinensis</i>	GCA_000182745.1_ASM18274v1_genomic.fna
1691	<i>Cardinium endosymbiont</i>	GCA_000304455.1_CCh_cEper1_genomic.fna
1692	<i>Modestobacter marinus</i>	GCA_000306785.1_ASM30678v1_genomic.fna
1693	<i>Enterobacteriaceae bacterium</i>	GCA_000330845.1_ASM33084v1_genomic.fna
1694	<i>beta proteobacterium</i>	GCA_000342265.1_ASM34226v1_genomic.fna
1695	<i>Burkholderia lata</i>	GCA_000012945.1_ASM1294v1_genomic.fna
1696	<i>Magnetococcus marinus</i>	GCA_000014865.1_ASM1486v1_genomic.fna
1697	<i>Mycobacterium gilvum</i>	GCA_000016365.1_ASM1636v1_genomic.fna

1698	<i>Geobacter daltonii</i>	GCA_000022265.1_ASM2226v1_genomic.fna
1699	<i>Bordetella trematum</i>	GCA_900078695.1_H044680328_genomic.fna
1700	<i>Paraburkholderia sprentiae</i>	GCA_001865575.1_ASM186557v1_genomic.fna
1701	<i>Gloeobacter kilauensis</i>	GCA_000484535.1_ASM48453v1_genomic.fna
1702	<i>Alcanivorax pacificus</i>	GCA_000299335.2_ASM29933v2_genomic.fna
1703	<i>Bacteroides bacterium</i>	GCA_000473305.1_ASM47330v1_genomic.fna
1704	<i>Methylophaga frappieri</i>	GCA_000260965.1_ASM26096v1_genomic.fna
1705	<i>Methylophaga nitratireducens</i>	GCA_000260985.3_ASM26098v3_genomic.fna
1706	<i>Rhodanobacter denitrificans</i>	GCA_000230695.3_ASM23069v3_genomic.fna
1707	<i>Bacillus velezensis</i>	GCA_000015785.1_ASM1578v1_genomic.fna
1708	<i>Pseudomonas cichorii</i>	GCA_000517305.1_ASM51730v1_genomic.fna
1709	<i>Pseudomonas corrugata</i>	GCA_001708425.1_ASM170842v1_genomic.fna
1710	<i>Gemmatirosa kalamazoonesis</i>	GCA_000522985.1_ASM52298v1_genomic.fna
1711	<i>Kutzneria albida</i>	GCA_000525635.1_ASM52563v1_genomic.fna
1712	<i>Corynebacterium falsenii</i>	GCA_000525655.1_ASM52565v1_genomic.fna
1713	<i>Hymenobacter swuensis</i>	GCA_000576555.1_ASM57655v1_genomic.fna
1714	<i>Clostridium cellulosi</i>	GCA_000953215.1_DG5_genomic.fna
1715	<i>Ensifer adhaerens</i>	GCA_000697965.2_ASM69796v2_genomic.fna
1716	<i>Chlamydia avium</i>	GCA_000583875.1_ASM58387v1_genomic.fna
1717	<i>Roseibacterium elongatum</i>	GCA_000590925.1_ASM59092v1_genomic.fna
1718	<i>Peptoclostridium acidaminophilum</i>	GCA_000597865.1_ASM59786v1_genomic.fna
1719	<i>Flammeovirgaceae bacterium</i>	GCA_000597885.1_ASM59788v1_genomic.fna
1720	<i>Gilliamella apicola</i>	GCA_000599985.1_ASM59998v1_genomic.fna
1721	<i>Pseudomonas protegens</i>	GCA_000012265.1_ASM1226v1_genomic.fna
1722	<i>Lysobacter capsici</i>	GCA_001442785.1_ASM144278v1_genomic.fna
1723	<i>Paenibacillus sabiniae</i>	GCA_000612505.1_ASM61250v1_genomic.fna
1724	<i>Lactobacillus gallinarum</i>	GCA_001314245.2_ASM131424v2_genomic.fna
1725	<i>Halotalea alkalilenta</i>	GCA_001648175.1_ASM164817v1_genomic.fna
1726	<i>Paracoccus yeei</i>	GCA_002073635.1_ASM207363v1_genomic.fna
1727	<i>Castellaniella defragrans</i>	GCA_000612685.1_scf7180000000004_genomic.fna
1728	<i>Prevotella enoeca</i>	GCA_001444445.1_ASM144444v1_genomic.fna
1729	<i>Prevotella fusca</i>	GCA_001262015.1_ASM126201v1_genomic.fna
1730	<i>Geobacillus thermocatenulatus</i>	GCA_002243665.1_ASM224366v1_genomic.fna
1731	<i>Draconibacterium orientale</i>	GCA_000626635.1_ASM62663v1_genomic.fna

1732	<i>Corynebacterium glyciniphilum</i>	GCA_000626675.1_ASM62667v1_genomic.fna
1733	<i>Novosphingobium resinovorum</i>	GCA_001742225.1_ASM174222v1_genomic.fna
1734	<i>Chlamydia suis</i>	GCA_900169085.1_SWA-2_genomic.fna
1735	<i>Clostridium scatologenes</i>	GCA_000968375.1_ASM96837v1_genomic.fna
1736	<i>Dyella jiangningensis</i>	GCA_000632805.1_ASM63280v1_genomic.fna
1737	<i>Acetobacter persici</i>	GCA_002006565.1_ASM200656v1_genomic.fna
1738	<i>Streptomyces pratensis</i>	GCA_000176115.2_ASM17611v2_genomic.fna
1739	<i>Lactobacillus kunkeei</i>	GCA_001314945.1_ASM131494v1_genomic.fna
1740	<i>Edwardsiella piscicida</i>	GCA_000348565.1_ASM34856v1_genomic.fna
1741	<i>Mycoplasma californicum</i>	GCA_000695835.1_ASM69583v1_genomic.fna
1742	<i>Halomonas campaniensis</i>	GCA_000696485.1_ASM69648v1_genomic.fna
1743	<i>Kozakia baliensis</i>	GCA_001787335.1_ASM178733v1_genomic.fna
1744	<i>Rhodoluna laticola</i>	GCA_000699505.1_ASM69950v1_genomic.fna
1745	<i>Sinorhizobium americanum</i>	GCA_000705595.2_ASM70559v2_genomic.fna
1746	<i>Bifidobacterium indicum</i>	GCA_000706765.1_ASM70676v1_genomic.fna
1747	<i>Bacillus lehensis</i>	GCA_000706725.1_ASM70672v1_genomic.fna
1748	<i>Streptomyces alboflavus</i>	GCA_002189675.1_ASM218967v1_genomic.fna
1749	<i>Kitasatospora aureofaciens</i>	GCA_002082605.1_ASM208260v1_genomic.fna
1750	<i>Janthinobacterium agaricidamnosum</i>	GCA_000723165.1_JAG1_genomic.fna
1751	<i>Mucivorans hirudinis</i>	GCA_000723505.1_Mucivorans_M3_Nelson-Bomar-Fixed_genomic.fna
1752	<i>Terribacillus aidingensis</i>	GCA_000725365.1_ASM72536v1_genomic.fna
1753	<i>Dermacoccus nishinomiyaensis</i>	GCA_000725405.1_ASM72540v1_genomic.fna
1754	<i>Alteromonas australica</i>	GCA_000730385.1_ASM73038v1_genomic.fna
1755	<i>Arenibacter algicola</i>	GCA_002234495.1_ASM223449v1_genomic.fna
1756	<i>Amycolatopsis japonica</i>	GCA_000732925.1_ASM73292v1_genomic.fna
1757	<i>Corynebacterium atypicum</i>	GCA_000732945.1_ASM73294v1_genomic.fna
1758	<i>Sandaracinus amylolyticus</i>	GCA_000737325.2_ASM73732v2_genomic.fna
1759	<i>Staphylococcus agnetis</i>	GCA_001442815.1_ASM144281v1_genomic.fna
1760	<i>Bifidobacterium coryneforme</i>	GCA_000737865.1_ASM73786v1_genomic.fna
1761	<i>Corynebacterium imitans</i>	GCA_000739455.1_ASM73945v1_genomic.fna
1762	<i>Bifidobacterium actinocoloniiforme</i>	GCA_001263395.1_ASM126339v1_genomic.fna
1763	<i>Bifidobacterium scardovii</i>	GCA_001042635.1_ASM104263v1_genomic.fna
1764	<i>Geobacillus subterraneus</i>	GCA_001618685.1_ASM161868v1_genomic.fna
1765	<i>Pseudomonas alkylphenolica</i>	GCA_000746525.1_ASM74652v1_genomic.fna

1766	<i>Rickettsiales bacterium</i>	GCA_000746585.2_ASM74658v2_genomic.fna
1767	<i>Corynebacterium ureicelerivorans</i>	GCA_000747315.1_ASM74731v1_genomic.fna
1768	<i>Carnobacterium inhibens</i>	GCA_000493735.1_ASM49373v1_genomic.fna
1769	<i>Ruminococcus bicirculans</i>	GCA_000723465.1_Rb803_genomic.fna
1770	<i>Streptomyces leeuwenhoekii</i>	GCA_001013905.1_sleC34_genomic.fna
1771	<i>Cobetia marina</i>	GCA_001720485.1_ASM172048v1_genomic.fna
1772	<i>Klebsiella michiganensis</i>	GCA_000240325.1_ASM24032v1_genomic.fna
1773	<i>Treponema putidum</i>	GCA_000755145.1_ASM75514v1_genomic.fna
1774	<i>Nonlabens sediminis</i>	GCA_002117085.1_ASM211708v1_genomic.fna
1775	<i>Paenibacillus stellifer</i>	GCA_000758685.1_ASM75868v1_genomic.fna
1776	<i>Paenibacillus odorifer</i>	GCA_000758725.1_ASM75872v1_genomic.fna
1777	<i>Lactobacillus paraplantarum</i>	GCA_001443645.1_ASM144364v1_genomic.fna
1778	<i>Lysinibacillus varians</i>	GCA_000600105.1_ASM60010v1_genomic.fna
1779	<i>Paenibacillus borealis</i>	GCA_000758665.1_ASM75866v1_genomic.fna
1780	<i>Pseudomonas rhizosphaerae</i>	GCA_000761155.1_ASM76115v1_genomic.fna
1781	<i>Streptomyces glaucescens</i>	GCA_000761215.1_ASM76121v1_genomic.fna
1782	<i>Actinopolyspora erythraea</i>	GCA_002263515.1_ASM226351v1_genomic.fna
1783	<i>Thermoanaerobacter kivui</i>	GCA_000763575.1_ASM76357v1_genomic.fna
1784	<i>Sphingomonas taxi</i>	GCA_000764535.1_ASM76453v1_genomic.fna
1785	<i>Intestinimonas butyriciproducens</i>	GCA_001454945.1_ASM145494v1_genomic.fna
1786	<i>Helicobacter typhlonius</i>	GCA_001460635.1_hytyphlonius_mit97-6810_genomic.fna
1787	<i>Pantoea rwandensis</i>	GCA_000759475.1_ASM75947v1_genomic.fna
1788	<i>Corynebacterium camporealensis</i>	GCA_000980815.1_ASM98081v1_genomic.fna
1789	<i>Fervidobacterium islandicum</i>	GCA_000767275.3_ASM76727v3_genomic.fna
1790	<i>Anoxybacillus gonensis</i>	GCA_001187595.1_ASM118759v1_genomic.fna
1791	<i>Elizabethkingia miricola</i>	GCA_000955665.1_ASM95566v1_genomic.fna
1792	<i>Bacillus xiamenensis</i>	GCA_001857925.1_ASM185792v1_genomic.fna
1793	<i>Lactobacillus curieae</i>	GCA_000785105.2_ASM78510v2_genomic.fna
1794	<i>Pimelobacter simplex</i>	GCA_000785495.1_ASM78549v1_genomic.fna
1795	<i>Citrobacter braakii</i>	GCA_002073755.1_ASM207375v1_genomic.fna
1796	<i>Clostridium baratii</i>	GCA_000789395.1_ASM78939v1_genomic.fna
1797	<i>Collimonas arenae</i>	GCA_000786695.1_ASM78669v1_genomic.fna
1798	<i>Halomonas hydrothermalis</i>	GCA_002442575.1_ASM244257v1_genomic.fna
1799	<i>Deinococcus swuensis</i>	GCA_000800395.1_ASM80039v1_genomic.fna

1800	<i>Fusobacterium hwasookii</i>	GCA_001455085.1_ASM145508v1_genomic.fna
1801	<i>Actinobacillus equuli</i>	GCA_000801145.1_ASM80114v1_genomic.fna
1802	<i>Pseudomonas frederiksbergensis</i>	GCA_001874645.1_ASM187464v1_genomic.fna
1803	<i>Streptomyces pluripotens</i>	GCA_000802245.2_ASM80224v2_genomic.fna
1804	<i>Borrelia burgdorferi</i>	GCA_000808095.1_ASM80809v1_genomic.fna
1805	<i>Frischella perrara</i>	GCA_000807275.1_ASM80727v1_genomic.fna
1806	<i>Sulfurospirillum cavolei</i>	GCA_001548055.1_ASM154805v1_genomic.fna
1807	<i>Coriobacteriaceae bacterium</i>	GCA_000814825.1_ASM81482v1_genomic.fna
1808	<i>Pandoraea sputorum</i>	GCA_000814845.2_ASM81484v2_genomic.fna
1809	<i>Coxiella endosymbiont</i>	GCA_000815025.1_ASM81502v1_genomic.fna
1810	<i>Pandoraea pulmonicola</i>	GCA_000815105.2_ASM81510v2_genomic.fna
1811	<i>Allofrancisella guangzhouensis</i>	GCA_000815225.1_ASM81522v1_genomic.fna
1812	<i>Methylobacterium denitrificans</i>	GCA_000785705.2_ASM78570v2_genomic.fna
1813	<i>Campylobacter peloridis</i>	GCA_000816785.1_ASM81678v1_genomic.fna
1814	<i>Geobacter pickeringii</i>	GCA_000817955.1_ASM81795v1_genomic.fna
1815	<i>Pseudomonas balearica</i>	GCA_000818015.1_ASM81801v1_genomic.fna
1816	<i>Clostridium argentinense</i>	GCA_002074155.1_ASM207415v1_genomic.fna
1817	<i>Celeribacter indicus</i>	GCA_000819565.1_ASM81956v1_genomic.fna
1818	<i>Enterobacter ludwigii</i>	GCA_001750725.1_ASM175072v1_genomic.fna
1819	<i>Aeromonas schubertii</i>	GCA_001447335.1_ASM144733v1_genomic.fna
1820	<i>Pandoraea apista</i>	GCA_000826965.3_ASM82696v3_genomic.fna
1821	<i>Geoalkalibacter subterraneus</i>	GCA_000827125.1_ASM82712v1_genomic.fna
1822	<i>Methyloceanibacter caenitepidi</i>	GCA_000828475.1_ASM82847v1_genomic.fna
1823	<i>Thiobacillus thioautotrophicus</i>	GCA_000828615.1_ASM82861v1_genomic.fna
1824	<i>Sulfuritalea hydrogenivorans</i>	GCA_000828635.1_ASM82863v1_genomic.fna
1825	<i>Thermotoga caldiformis</i>	GCA_000828655.1_ASM82865v1_genomic.fna
1826	<i>Thermotoga profunda</i>	GCA_000828675.1_ASM82867v1_genomic.fna
1827	<i>Streptomyces vietnamensis</i>	GCA_000830005.1_ASM83000v1_genomic.fna
1828	<i>Bacillus bombysepticus</i>	GCA_000831065.1_ASM83106v1_genomic.fna
1829	<i>Marinobacter similis</i>	GCA_000830985.1_ASM83098v1_genomic.fna
1830	<i>Marinobacter salarius</i>	GCA_000831005.1_ASM83100v1_genomic.fna
1831	<i>Thioplaca ingrica</i>	GCA_000828835.1_ASM82883v1_genomic.fna
1832	<i>Mycoplasma canadense</i>	GCA_000828855.1_ASM82885v1_genomic.fna
1833	<i>Comamonadaceae bacterium</i>	GCA_000828895.1_ASM82889v1_genomic.fna

1834	Comamonadaceae bacterium	GCA_000828915.1_ASM82891v1_genomic.fna
1835	Burkholderiales bacterium	GCA_000828975.1_ASM82897v1_genomic.fna
1836	cyanobacterium endosymbiont	GCA_000829235.1_ASM82923v1_genomic.fna
1837	Wolbachia endosymbiont	GCA_000829315.1_ASM82931v1_genomic.fna
1838	Lactobacillus hokkaidonensis	GCA_000829395.1_ASM82939v1_genomic.fna
1839	Lactobacillus heilongjiangensis	GCA_000831645.3_ASM83164v3_genomic.fna
1840	Corynebacterium singulare	GCA_000833575.1_ASM83357v1_genomic.fna
1841	Salinispira pacifica	GCA_000507245.1_ASM50724v1_genomic.fna
1842	Myroides profundus	GCA_000833025.1_ASM83302v1_genomic.fna
1843	Mycobacterium immunogenum	GCA_001605725.1_ASM160572v1_genomic.fna
1844	Campylobacter iguaniorum	GCA_000736415.1_ASM73641v1_genomic.fna
1845	Streptomyces cyaneogriseus	GCA_000931445.1_ASM93144v1_genomic.fna
1846	Rugosibacter aromaticivorans	GCA_000934545.1_ASM93454v1_genomic.fna
1847	Pandoraella vermicularis	GCA_000934605.2_ASM93460v2_genomic.fna
1848	Sulfitobacter pseudonitzschiae	GCA_002222635.1_ASM222263v1_genomic.fna
1849	Siansivirga zeaxanthinifaciens	GCA_000941055.1_ASM94105v1_genomic.fna
1850	Mycoplasma dispar	GCA_000941075.1_ASM94107v1_genomic.fna
1851	Clostridium aceticum	GCA_001042715.1_ASM104271v1_genomic.fna
1852	Gyneria sunshinyi	GCA_000940805.1_ASM94080v1_genomic.fna
1853	Acholeplasma oculi	GCA_000953195.1_Acholeplasma_oculi_strain_19L_genomic.fna
1854	Fermentimonas caenicola	GCA_000953535.1_E5B_genomic.fna
1855	Tatlockia micdadei	GCA_000953635.1_LMI_genomic.fna
1856	Aliivibrio wodanis	GCA_000953695.1_AWOD1_genomic.fna
1857	Defluviitoga tunisiensis	GCA_000953715.1_DTL3_genomic.fna
1858	Moritella viscosa	GCA_000953735.1_MVIS1_genomic.fna
1859	Ralstonia mannitolilytica	GCA_000954135.2_ASM95413v2_genomic.fna
1860	Azospirillum thiophilum	GCA_001305595.1_ASM130559v1_genomic.fna
1861	Kosakonia oryzae	GCA_001658025.1_ASM165802v1_genomic.fna
1862	Martella endophytica	GCA_000960975.1_ASM96097v1_genomic.fna
1863	Paenibacillus beijingensis	GCA_000961095.1_ASM96109v1_genomic.fna
1864	Muricauda lutea	GCA_000963865.1_ASM96386v1_genomic.fna
1865	Mageebacillus indolicus	GCA_000025225.2_ASM2522v1_genomic.fna
1866	Oleispira antarctica	GCA_000967895.1_ASM96789v1_genomic.fna
1867	Xenorhabdus poinarii	GCA_000968175.1_ASM96817v1_genomic.fna

1868	<i>Xenorhabdus doucetiae</i>	GCA_000968195.1_ASM96819v1_genomic.fna
1869	<i>Chania multitudinisentens</i>	GCA_000520015.2_ASM52001v2_genomic.fna
1870	<i>Chromobacterium vaccinii</i>	GCA_001855275.1_ASM185527v1_genomic.fna
1871	<i>Verrucomicrobia bacterium</i>	GCA_000972765.1_ASM97276v1_genomic.fna
1872	<i>Pandoraea oxalativorans</i>	GCA_000972785.3_ASM97278v3_genomic.fna
1873	<i>Sodalis praecaptivus</i>	GCA_000517425.1_ASM51742v1_genomic.fna
1874	<i>Blochmannia endosymbiont</i>	GCA_000973505.1_ASM97350v1_genomic.fna
1875	<i>Blochmannia endosymbiont</i>	GCA_000973545.1_ASM97354v1_genomic.fna
1876	<i>Pontibacter korlensis</i>	GCA_000973725.1_ASM97372v1_genomic.fna
1877	<i>Spirosoma radiotolerans</i>	GCA_000974425.1_ASM97442v1_genomic.fna
1878	<i>Corynebacterium kutscheri</i>	GCA_000980835.1_ASM98083v1_genomic.fna
1879	<i>Salimicrobium jeotgali</i>	GCA_001685435.3_ASM168543v3_genomic.fna
1880	<i>Kangiella geojedonensis</i>	GCA_000981765.1_ASM98176v1_genomic.fna
1881	<i>Sulfurovum lithotrophicum</i>	GCA_000987835.1_ASM98783v1_genomic.fna
1882	<i>Brevibacterium flavum</i>	GCA_000987865.1_ASM98786v1_genomic.fna
1883	<i>Halomonas huangheensis</i>	GCA_001431725.1_ASM143172v1_genomic.fna
1884	<i>Clostridium bornimense</i>	GCA_000577895.1_M2_40_genomic.fna
1885	<i>Salinicoccus halodurans</i>	GCA_001005905.1_ASM100590v1_genomic.fna
1886	<i>Staphylococcus argenteus</i>	GCA_000236925.1_ASM23692v1_genomic.fna
1887	<i>Nitrosospira lacus</i>	GCA_000355765.4_ASM35576v4_genomic.fna
1888	<i>Gemmatimonas phototrophica</i>	GCA_000695095.2_ASM69509v2_genomic.fna
1889	<i>Nitrosomonas communis</i>	GCA_001007935.1_ASM100793v1_genomic.fna
1890	<i>Deinococcus soli</i>	GCA_001007995.1_ASM100799v1_genomic.fna
1891	<i>Altererythrobacter atlanticus</i>	GCA_001008165.2_ASM100816v2_genomic.fna
1892	<i>Staphylococcus succinus</i>	GCA_001902315.1_ASM190231v1_genomic.fna
1893	<i>Erythrobacter gangjinensis</i>	GCA_001886695.1_ASM188669v1_genomic.fna
1894	<i>Vibrio antiquarius</i>	GCA_000024825.1_ASM2482v1_genomic.fna
1895	<i>Brevibacillus formosus</i>	GCA_002215075.1_ASM221507v1_genomic.fna
1896	<i>Mycoplasma gallinaceum</i>	GCA_000965765.1_ASM96576v1_genomic.fna
1897	<i>Polyangium brachysporum</i>	GCA_001017435.1_ASM101743v1_genomic.fna
1898	<i>Staphylococcus condimenti</i>	GCA_001618885.1_ASM161888v1_genomic.fna
1899	<i>Pandoraea thiooxydans</i>	GCA_001931675.1_ASM193167v1_genomic.fna
1900	<i>Klebsiella quasipneumoniae</i>	GCA_001596075.2_ASM159607v2_genomic.fna
1901	<i>Aeromonas aquatica</i>	GCA_001895965.1_ASM189596v1_genomic.fna

1902	<i>Sphingopyxis fribergensis</i>	GCA_000803645.1_ASM80364v1_genomic.fna
1903	<i>Corynebacterium mustelae</i>	GCA_001020985.1_ASM102098v1_genomic.fna
1904	<i>Corynebacterium epidermidicanis</i>	GCA_001021025.1_ASM102102v1_genomic.fna
1905	<i>Corynebacterium testudinatoris</i>	GCA_001021045.1_ASM102104v1_genomic.fna
1906	<i>Corynebacterium uterequi</i>	GCA_001021065.1_ASM102106v1_genomic.fna
1907	<i>Chryseobacterium gallinarum</i>	GCA_001021975.1_ASM102197v1_genomic.fna
1908	<i>Actinobacteria bacterium</i>	GCA_001023575.1_ASM102357v1_genomic.fna
1909	<i>Kosmotoga pacifica</i>	GCA_001027025.1_ASM102702v1_genomic.fna
1910	<i>Archangium gephyra</i>	GCA_001027285.1_ASM102728v1_genomic.fna
1911	<i>Endomicrobium proavitum</i>	GCA_001027545.1_ASM102754v1_genomic.fna
1912	<i>Croceicoccus naphthovorans</i>	GCA_001028705.1_ASM102870v1_genomic.fna
1913	<i>Pandoraea faecigallinarum</i>	GCA_001029105.3_ASM102910v3_genomic.fna
1914	<i>Spiroplasma atrichopogonis</i>	GCA_001029245.1_ASM102924v1_genomic.fna
1915	<i>Berkelbacteria bacterium</i>	GCA_001029735.1_ASM102973v1_genomic.fna
1916	<i>Altererythrobacter marensis</i>	GCA_001028625.1_ASM102862v1_genomic.fna
1917	<i>Mycobacterium sinense</i>	GCA_000214155.1_ASM21415v1_genomic.fna
1918	<i>Lactobacillus acetotolerans</i>	GCA_001042405.1_ASM104240v1_genomic.fna
1919	<i>Marinobacter psychrophilus</i>	GCA_001043175.1_ASM104317v1_genomic.fna
1920	<i>Methylobacterium aquaticum</i>	GCA_001548015.1_ASM154801v1_genomic.fna
1921	<i>Yersinia aleksiciae</i>	GCA_001047675.1_ASM104767v1_genomic.fna
1922	<i>Cyclobacterium amurskyense</i>	GCA_001050135.1_ASM105013v1_genomic.fna
1923	<i>Lactobacillus koreensis</i>	GCA_001050435.1_ASM105043v1_genomic.fna
1924	<i>Lactobacillus ginsenosidimutans</i>	GCA_001050475.1_ASM105047v1_genomic.fna
1925	<i>Thauera humireducens</i>	GCA_001051995.2_ASM105199v2_genomic.fna
1926	<i>Coxiella-like endosymbiont</i>	GCA_001077715.1_ASM107771v1_genomic.fna
1927	<i>Pseudomonas trivialis</i>	GCA_001186335.1_ASM118633v1_genomic.fna
1928	<i>Mycobacterium goodii</i>	GCA_001187505.1_ASM118750v1_genomic.fna
1929	<i>Wenzhouxiangella marina</i>	GCA_001187785.1_ASM118778v1_genomic.fna
1930	<i>Octadecabacter temperatus</i>	GCA_001187845.1_ASM118784v1_genomic.fna
1931	<i>Staphylococcus schleiferi</i>	GCA_001188855.1_ASM118885v1_genomic.fna
1932	<i>Chondromyces crocatus</i>	GCA_001189295.1_ASM118929v1_genomic.fna
1933	<i>Luteipulveratus mongoliensis</i>	GCA_001190945.1_ASM119094v1_genomic.fna
1934	<i>Jeotgalibaca dankookensis</i>	GCA_002005405.1_ASM200540v1_genomic.fna
1935	<i>Lactobacillus agilis</i>	GCA_002240375.1_ASM224037v1_genomic.fna

1936	<i>Spiroplasma tauronicum</i>	GCA_001262715.1_ASM126271v1_genomic.fna
1937	<i>Vulgatibacter incomptus</i>	GCA_001263175.1_ASM126317v1_genomic.fna
1938	<i>Labilithrix luteola</i>	GCA_001263205.1_ASM126320v1_genomic.fna
1939	<i>Microcystis panniformis</i>	GCA_001264245.1_ASM126424v1_genomic.fna
1940	<i>Actinomyces meyeri</i>	GCA_001262055.1_ASM126205v1_genomic.fna
1941	<i>Spiroplasma litorale</i>	GCA_001267155.1_ASM126715v1_genomic.fna
1942	<i>Oblitimonas alkaliphila</i>	GCA_001267175.1_ASM126717v1_genomic.fna
1943	<i>Nitrospira moscoviensis</i>	GCA_001273775.1_ASM127377v1_genomic.fna
1944	<i>Corynebacterium lactis</i>	GCA_001274895.1_ASM127489v1_genomic.fna
1945	<i>Corynebacterium deserti</i>	GCA_001277995.1_ASM127799v1_genomic.fna
1946	<i>Microbacterium chocolatum</i>	GCA_001652465.1_ASM165246v1_genomic.fna
1947	<i>Bartonella ancashensis</i>	GCA_001281405.1_ASM128140v1_genomic.fna
1948	<i>Altererythrobacter epoxidivorans</i>	GCA_001281485.1_ASM128148v1_genomic.fna
1949	<i>Spiroplasma cantharicola</i>	GCA_001281045.1_ASM128104v1_genomic.fna
1950	<i>Lawsonella clevelandensis</i>	GCA_001293125.1_ASM129312v1_genomic.fna
1951	<i>Comamonas kerstersii</i>	GCA_002056725.1_ASM205672v1_genomic.fna
1952	<i>Arthrobacter alpinus</i>	GCA_001294625.1_ASM129462v1_genomic.fna
1953	<i>Pseudoalteromonas tetraodonis</i>	GCA_002310835.1_ASM231083v1_genomic.fna
1954	<i>Psychrobacter urativorans</i>	GCA_001298525.1_ASM129852v1_genomic.fna
1955	<i>Kibdelosporangium phytohabitans</i>	GCA_001302585.1_ASM130258v1_genomic.fna
1956	<i>Beggiatoa leptomitiformis</i>	GCA_001305575.2_ASM130557v2_genomic.fna
1957	<i>Sphingomonas hengshuiensis</i>	GCA_000935025.1_ASM93502v1_genomic.fna
1958	<i>Rufibacter tibetensis</i>	GCA_001310085.1_ASM131008v1_genomic.fna
1959	<i>Mycobacterium chimaera</i>	GCA_001750065.2_ASM175006v2_genomic.fna
1960	<i>Celeribacter marinus</i>	GCA_001308265.1_ASM130826v1_genomic.fna
1961	<i>Lactobacillus lindneri</i>	GCA_001702135.1_ASM170213v1_genomic.fna
1962	<i>Lactobacillus paracollinoides</i>	GCA_001702175.1_ASM170217v1_genomic.fna
1963	<i>Lactobacillus amylophilus</i>	GCA_001936335.1_ASM193633v1_genomic.fna
1964	<i>Methylobacterium phyllosphaerae</i>	GCA_001936175.1_ASM193617v1_genomic.fna
1965	<i>Kosakonia cowanii</i>	GCA_001975225.1_ASM197522v1_genomic.fna
1966	<i>Stenotrophomonas acidaminiphila</i>	GCA_001314305.1_ASM131430v1_genomic.fna
1967	<i>Mycobacterium pallens</i>	GCA_002335685.1_ASM233568v1_genomic.fna
1968	<i>Blastochloris viridis</i>	GCA_001402875.1_ASM140287v1_genomic.fna
1969	<i>Streptomyces pactum</i>	GCA_001767375.1_ASM176737v1_genomic.fna

1970	<i>Streptomyces puniscabiei</i>	GCA_001735805.1_ASM173580v1_genomic.fna
1971	<i>Streptomyces silaceus</i>	GCA_001975025.1_ASM197502v1_genomic.fna
1972	<i>Agarivorans gilvus</i>	GCA_001420915.1_ASM142091v1_genomic.fna
1973	<i>Bordetella pseudohinzii</i>	GCA_001698185.1_ASM169818v1_genomic.fna
1974	<i>Stenotrophomonas nitritireducens</i>	GCA_001700965.1_ASM170096v1_genomic.fna
1975	<i>Lactobacillus parabuchneri</i>	GCA_001922025.1_ASM192202v1_genomic.fna
1976	<i>Lactobacillus zymae</i>	GCA_900183405.1_ASM90018340v1_genomic.fna
1977	<i>Bacillus paralicheniformis</i>	GCA_000408885.1_ASM40888v1_genomic.fna
1978	<i>Bacillus muralis</i>	GCA_001645685.2_ASM164568v2_genomic.fna
1979	<i>Sneathia amnii</i>	GCA_000973085.1_ASM97308v1_genomic.fna
1980	<i>Lentibacillus amyloliquefaciens</i>	GCA_001307805.2_ASM130780v2_genomic.fna
1981	<i>Bacillus glycinifermentans</i>	GCA_900093775.1_EVONIK_BGLY_genomic.fna
1982	<i>Lysobacter gummosus</i>	GCA_001442805.1_ASM144280v1_genomic.fna
1983	<i>Salinivirga cyanobacteriivorans</i>	GCA_001443605.1_ASM144360v1_genomic.fna
1984	<i>Pseudoalteromonas phenolica</i>	GCA_001444405.1_ASM144440v1_genomic.fna
1985	<i>Pseudohongiella spirulinae</i>	GCA_001444425.1_ASM144442v1_genomic.fna
1986	<i>Halocynthiibacter arcticus</i>	GCA_000812665.2_ASM81266v2_genomic.fna
1987	<i>Acinetobacter equi</i>	GCA_001307195.1_ASM130719v1_genomic.fna
1988	<i>Nitrosomonas ureae</i>	GCA_001455205.1_ASM145520v1_genomic.fna
1989	<i>Pseudoalteromonas issachenkonii</i>	GCA_001455325.1_ASM145532v1_genomic.fna
1990	<i>Mycobacterium saopaulense</i>	GCA_001456355.1_ASM145635v1_genomic.fna
1991	<i>Devriesea agamarum</i>	GCA_900070355.1_S2_rcS3_S1_rcS3_genomic.fna
1992	<i>Pseudoalteromonas translucida</i>	GCA_001465295.1_ASM146529v1_genomic.fna
1993	<i>Pandoraea norimbergensis</i>	GCA_001465545.3_ASM146554v3_genomic.fna
1994	<i>Planococcus rifietoensis</i>	GCA_001465795.2_ASM146579v2_genomic.fna
1995	<i>Planococcus kocurii</i>	GCA_001465835.2_ASM146583v2_genomic.fna
1996	<i>Lacimicrobium alkaliphilum</i>	GCA_001466725.1_ASM146672v1_genomic.fna
1997	<i>Paenibacillus naphthalenovorans</i>	GCA_001465255.1_ASM146525v1_genomic.fna
1998	<i>Alteromonas mediterranea</i>	GCA_000020585.3_ASM2058v3_genomic.fna
1999	<i>Enterobacter xiangfangensis</i>	GCA_001729785.1_ASM172978v1_genomic.fna
2000	<i>Kocuria flava</i>	GCA_001482365.1_ASM148236v1_genomic.fna
2001	<i>Roseateles depolymerans</i>	GCA_001483865.1_ASM148386v1_genomic.fna
2002	<i>Pseudarthrobacter sulfonivorans</i>	GCA_001484605.1_ASM148460v1_genomic.fna
2003	<i>Tenacibaculum dicentrarchi</i>	GCA_001483385.1_ASM148338v1_genomic.fna

2004	<i>Acetobacter senegalensis</i>	GCA_001499615.1_Acetobacter_senegalensis_108B_genomic.fna
2005	<i>Thermus parvatiensis</i>	GCA_001535545.1_ASM153554v1_genomic.fna
2006	<i>Deinococcus actinosclerus</i>	GCA_001507665.1_ASM150766v1_genomic.fna
2007	<i>Aeromicrobium erythreum</i>	GCA_001509405.1_ASM150940v1_genomic.fna
2008	<i>Streptomyces reticuli</i>	GCA_001511815.1_TUE45_genomic.fna
2009	<i>Paenibacillus bovis</i>	GCA_001421015.2_ASM142101v2_genomic.fna
2010	<i>Rhodothermaceae bacterium</i>	GCA_001518995.2_ASM151899v2_genomic.fna
2011	<i>Burkholderia pseudomultivorans</i>	GCA_001718415.1_ASM171841v1_genomic.fna
2012	<i>Erwinia gerundensis</i>	GCA_001517405.1_EM595_genomic.fna
2013	<i>Burkholderia territorii</i>	GCA_001718335.1_ASM171833v1_genomic.fna
2014	<i>Burkholderia diffusa</i>	GCA_001718315.1_ASM171831v1_genomic.fna
2015	<i>Burkholderia stagnalis</i>	GCA_001718955.1_ASM171895v1_genomic.fna
2016	<i>Burkholderia latens</i>	GCA_001718795.1_ASM171879v1_genomic.fna
2017	<i>Arsenophonus symbiont</i>	GCA_001534665.1_ASM153466v1_genomic.fna
2018	<i>Streptomyces griseochromogenes</i>	GCA_001542625.2_ASM154262v2_genomic.fna
2019	<i>Microterricola viridarii</i>	GCA_001542775.1_ASM154277v1_genomic.fna
2020	<i>Aerococcus sanguinicola</i>	GCA_001543145.1_ASM154314v1_genomic.fna
2021	<i>Aerococcus urinaehominis</i>	GCA_001543245.1_ASM154324v1_genomic.fna
2022	<i>Caldimicrobium thiodismutans</i>	GCA_001548275.1_ASM154827v1_genomic.fna
2023	<i>Actinomyces radidentis</i>	GCA_001553565.1_ASM155356v1_genomic.fna
2024	<i>Desulfovibrio fairfieldensis</i>	GCA_001553605.1_ASM155360v1_genomic.fna
2025	<i>Limnochorda pilosa</i>	GCA_001544015.1_ASM154401v1_genomic.fna
2026	<i>Halomonas chromatireducens</i>	GCA_001545155.1_ASM154515v1_genomic.fna
2027	<i>Thermosulfidibacter takaii</i>	GCA_001547735.1_ASM154773v1_genomic.fna
2028	<i>Vibrio tritonius</i>	GCA_001547935.1_ASM154793v1_genomic.fna
2029	<i>Asaia bogorensis</i>	GCA_001547995.1_ASM154799v1_genomic.fna
2030	<i>Faecalibaculum rodentium</i>	GCA_001564455.1_ASM156445v1_genomic.fna
2031	<i>Myxococcus hansupus</i>	GCA_000280925.3_ASM28092v3_genomic.fna
2032	<i>Alteromonas addita</i>	GCA_001562195.1_ASM156219v1_genomic.fna
2033	<i>Sinomonas atrocyanea</i>	GCA_001577305.1_ASM157730v1_genomic.fna
2034	<i>Steroidobacter denitrificans</i>	GCA_001579945.1_ASM157994v1_genomic.fna
2035	<i>Corynebacterium simulans</i>	GCA_001586215.1_ASM158621v1_genomic.fna
2036	<i>Brucella vulpis</i>	GCA_900000005.1_BVF60_genomic.fna
2037	<i>Enterobacter cloacae</i>	GCA_001729805.1_ASM172980v1_genomic.fna

2038	<i>Enterobacter cloacae</i>	GCA_000750225.1_ASM75022v1_genomic.fna
2039	<i>Gluconobacter albidus</i>	GCA_002005485.1_ASM200548v1_genomic.fna
2040	<i>Collimonas pratensis</i>	GCA_001584185.1_ASM158418v1_genomic.fna
2041	<i>Obesumbacterium proteus</i>	GCA_001586165.1_ASM158616v1_genomic.fna
2042	<i>Zhongshania aliphaticivorans</i>	GCA_001586255.1_ASM158625v1_genomic.fna
2043	<i>Pedobacter cryoconitis</i>	GCA_001590605.1_ASM159060v1_genomic.fna
2044	<i>Sporosarcina psychrophila</i>	GCA_001590685.1_ASM159068v1_genomic.fna
2045	<i>Serratia ficaria</i>	GCA_900187015.1_50465_F01_genomic.fna
2046	<i>Brevundimonas vesicularis</i>	GCA_002208825.1_ASM220882v1_genomic.fna
2047	<i>Planococcus maritimus</i>	GCA_001999905.1_ASM199990v1_genomic.fna
2048	<i>Edwardsiella anguillarum</i>	GCA_000264765.2_ASM26476v2_genomic.fna
2049	<i>Aminobacter aminovorans</i>	GCA_001605015.1_ASM160501v1_genomic.fna
2050	<i>Helicobacter himalayensis</i>	GCA_001602095.1_ASM160209v1_genomic.fna
2051	<i>Pseudomonas koreensis</i>	GCA_001605965.1_ASM160596v1_genomic.fna
2052	<i>Psychrobacter alimentarius</i>	GCA_001606025.1_ASM160602v1_genomic.fna
2053	<i>Bacteroidetes bacterium</i>	GCA_001602415.1_ASM160241v1_genomic.fna
2054	<i>Hyphomonadaceae bacterium</i>	GCA_001602435.1_ASM160243v1_genomic.fna
2055	<i>Betaproteobacteria bacterium</i>	GCA_001602455.1_ASM160245v1_genomic.fna
2056	<i>Pontibacter akesuensis</i>	GCA_001611675.1_ASM161167v1_genomic.fna
2057	<i>Haematospirillum jordaniae</i>	GCA_001611975.1_ASM161197v1_genomic.fna
2058	<i>Jeotgalibacillus malaysiensis</i>	GCA_000818095.1_ASM81809v1_genomic.fna
2059	<i>Rummeliibacillus stabekisii</i>	GCA_001617605.1_ASM161760v1_genomic.fna
2060	<i>Sedimenticola thiotaurini</i>	GCA_001007875.1_ASM100787v1_genomic.fna
2061	<i>Microbulbifer thermotolerans</i>	GCA_001617625.1_ASM161762v1_genomic.fna
2062	<i>Fictibacillus phosphorivorans</i>	GCA_001629705.2_ASM162970v2_genomic.fna
2063	<i>Polynucleobacter duraquae</i>	GCA_000973625.1_ASM97362v1_genomic.fna
2064	<i>Defluviimonas alba</i>	GCA_001620265.1_ASM162026v1_genomic.fna
2065	<i>Chelatococcus daeguensis</i>	GCA_001887265.1_ASM188726v1_genomic.fna
2066	<i>Geobacter anodireducens</i>	GCA_001628815.1_ASM162881v1_genomic.fna
2067	<i>Anoxybacillus amylolyticus</i>	GCA_001634285.1_ASM163428v1_genomic.fna
2068	<i>Erythrobacter atlanticus</i>	GCA_001077815.2_ASM107781v2_genomic.fna
2069	<i>Algibacter alginicilyticus</i>	GCA_001310225.1_ASM131022v1_genomic.fna
2070	<i>Moraxella ovis</i>	GCA_001636015.1_ASM163601v1_genomic.fna
2071	<i>Azospirillum humicireducens</i>	GCA_001639105.1_ASM163910v1_genomic.fna

2072	<i>Fictibacillus arsenicus</i>	GCA_001642935.2_ASM164293v2_genomic.fna
2073	<i>Deinococcus puniceus</i>	GCA_001644565.1_ASM164456v1_genomic.fna
2074	<i>Paenibacillus swuensis</i>	GCA_001644605.1_ASM164460v1_genomic.fna
2075	<i>Dyella thiooxydans</i>	GCA_001641285.1_ASM164128v1_genomic.fna
2076	<i>Pseudomonas antarctica</i>	GCA_001647715.1_ASM164771v1_genomic.fna
2077	<i>Denitrobacterium detoxificans</i>	GCA_001643775.1_ASM164377v1_genomic.fna
2078	<i>Polynucleobacter asymbioticus</i>	GCA_000016345.1_ASM1634v1_genomic.fna
2079	<i>Dietzia timorensis</i>	GCA_001659785.1_ASM165978v1_genomic.fna
2080	<i>Ochrobactrum pseudogrignonense</i>	GCA_001652485.1_ASM165248v1_genomic.fna
2081	<i>Streptococcus pantholopis</i>	GCA_001642085.1_ASM164208v1_genomic.fna
2082	<i>Ralstonia insidiosa</i>	GCA_001653935.1_ASM165393v1_genomic.fna
2083	<i>Streptomyces parvulus</i>	GCA_001660045.1_ASM166004v1_genomic.fna
2084	<i>Croceicoccus marinus</i>	GCA_001661675.2_ASM166167v2_genomic.fna
2085	<i>Altererythrobacter ishigakiensis</i>	GCA_001663155.1_ASM166315v1_genomic.fna
2086	<i>Porphyrobacter neustonensis</i>	GCA_001663175.1_ASM166317v1_genomic.fna
2087	<i>Lactobacillus backii</i>	GCA_001663675.1_ASM166367v1_genomic.fna
2088	<i>Rhizobiales bacterium</i>	GCA_001664005.1_ASM166400v1_genomic.fna
2089	<i>Acinetobacter lactucae</i>	GCA_002076935.1_ASM207693v1_genomic.fna
2090	<i>Bordetella flabilis</i>	GCA_001676725.1_ASM167672v1_genomic.fna
2091	<i>Woeseia oceani</i>	GCA_001677435.1_ASM167743v1_genomic.fna
2092	<i>Dermabacter vaginalis</i>	GCA_001678905.1_ASM167890v1_genomic.fna
2093	<i>Pseudomonas cerasi</i>	GCA_900074915.1_PCPL58T_genomic.fna
2094	<i>Alteromonas naphthalenivorans</i>	GCA_000213655.1_ASM21365v1_genomic.fna
2095	<i>Bordetella bronchialis</i>	GCA_001676705.1_ASM167670v1_genomic.fna
2096	<i>Caulobacteraceae bacterium</i>	GCA_001679665.1_ASM167966v1_genomic.fna
2097	<i>Cryobacterium arcticum</i>	GCA_001679725.1_ASM167972v1_genomic.fna
2098	<i>Polaribacter reichenbachii</i>	GCA_001975665.1_ASM197566v1_genomic.fna
2099	<i>Azoarcus olearius</i>	GCA_001682385.1_ASM168238v1_genomic.fna
2100	<i>Streptomyces lincolnensis</i>	GCA_001685355.1_ASM168535v1_genomic.fna
2101	<i>Burkholderia stabilis</i>	GCA_001742165.1_ASM174216v1_genomic.fna
2102	<i>Altererythrobacter namhicola</i>	GCA_001687545.1_ASM168754v1_genomic.fna
2103	<i>Planococcus plakortidis</i>	GCA_001687605.2_ASM168760v2_genomic.fna
2104	<i>Burkholderiales bacterium</i>	GCA_001688905.2_ASM168890v2_genomic.fna
2105	<i>Erysipelotrichaceae bacterium</i>	GCA_001688965.2_ASM168896v2_genomic.fna

2106	<i>Bradyrhizobium icense</i>	GCA_001693385.1_ASM169338v1_genomic.fna
2107	<i>Desulfuromonas soudanensis</i>	GCA_001278055.1_ASM127805v1_genomic.fna
2108	<i>Streptococcus halotolerans</i>	GCA_001598035.1_ASM159803v1_genomic.fna
2109	<i>Streptococcus marmotae</i>	GCA_001623565.1_ASM162356v1_genomic.fna
2110	<i>Wenyingzhuangia fucanilytica</i>	GCA_001697185.1_ASM169718v1_genomic.fna
2111	<i>Immundisolibacter cernigliae</i>	GCA_001697225.1_ASM169722v1_genomic.fna
2112	<i>Altererythrobacter dongtanensis</i>	GCA_001698205.1_ASM169820v1_genomic.fna
2113	<i>Akkermansia glycaniphila</i>	GCA_900097105.1_WK001_genomic.fna
2114	<i>Cloacibacillus porcorum</i>	GCA_001701045.1_ASM170104v1_genomic.fna
2115	<i>Streptomyces sampsonii</i>	GCA_001704195.1_ASM170419v1_genomic.fna
2116	<i>Streptomyces noursei</i>	GCA_001704275.1_ASM170427v1_genomic.fna
2117	<i>Paenibacillus kribbensis</i>	GCA_002240415.1_ASM224041v1_genomic.fna
2118	<i>Paenibacillus yonginensis</i>	GCA_001685395.1_ASM168539v1_genomic.fna
2119	<i>Kangiella sediminilitoris</i>	GCA_001708405.1_ASM170840v1_genomic.fna
2120	<i>Spiroplasma helicoides</i>	GCA_001715535.1_ASM171553v1_genomic.fna
2121	<i>Dialister pneumosintes</i>	GCA_001717505.1_ASM171750v1_genomic.fna
2122	<i>Anaerolineaceae bacterium</i>	GCA_001717545.1_ASM171754v1_genomic.fna
2123	<i>Sphingomonas panacis</i>	GCA_001717955.1_ASM171795v1_genomic.fna
2124	<i>Burkholderia metallica</i>	GCA_001718555.1_ASM171855v1_genomic.fna
2125	<i>Bacillus gibsonii</i>	GCA_001719185.1_ASM171918v1_genomic.fna
2126	<i>Xenorhabdus hominickii</i>	GCA_001721185.1_ASM172118v1_genomic.fna
2127	<i>Pedobacter steynii</i>	GCA_001721645.1_ASM172164v1_genomic.fna
2128	<i>Bacillus beveridgei</i>	GCA_001721685.1_ASM172168v1_genomic.fna
2129	<i>Frankia casuarinae</i>	GCA_000013345.1_ASM1334v1_genomic.fna
2130	<i>Clostridium taeniosporum</i>	GCA_001735765.1_ASM173576v1_genomic.fna
2131	<i>bacterium AB1</i>	GCA_001729625.1_ASM172962v1_genomic.fna
2132	<i>Lacunisphaera limnophila</i>	GCA_001746835.1_ASM174683v1_genomic.fna
2133	<i>Chlorobaculum limnaeum</i>	GCA_001747405.1_ASM174740v1_genomic.fna
2134	<i>Actinoalloteichus hymeniacidonis</i>	GCA_001747425.1_ASM174742v1_genomic.fna
2135	<i>Pectobacterium parmentieri</i>	GCA_000024645.1_ASM2464v1_genomic.fna
2136	<i>Geosporobacter ferrireducens</i>	GCA_001750685.1_ASM175068v1_genomic.fna
2137	<i>Streptomyces rubrolavendulae</i>	GCA_001750785.1_ASM175078v1_genomic.fna
2138	<i>Flavobacterium gilvum</i>	GCA_001761465.1_ASM176146v1_genomic.fna
2139	<i>Streptococcus himalayensis</i>	GCA_001708305.1_ASM170830v1_genomic.fna

2140	<i>Clostridium formicaceticum</i>	GCA_001854185.1_ASM185418v1_genomic.fna
2141	<i>Prauserella marina</i>	GCA_002240355.1_ASM224035v1_genomic.fna
2142	<i>Tessaracoccus flavus</i>	GCA_001997295.1_ASM199729v1_genomic.fna
2143	<i>Petrimonas mucosa</i>	GCA_900095795.1_E5A_genomic.fna
2144	<i>Niabella ginsenosidivorans</i>	GCA_001654455.1_ASM165445v1_genomic.fna
2145	<i>Frankia inefficax</i>	GCA_000166135.1_ASM16613v1_genomic.fna
2146	<i>Planococcus faecalis</i>	GCA_002009235.1_ASM200923v1_genomic.fna
2147	<i>Polaribacter vadi</i>	GCA_001761365.1_ASM176136v1_genomic.fna
2148	<i>Vagococcus teuberi</i>	GCA_001870205.1_ASM187020v1_genomic.fna
2149	<i>Lentzea guizhouensis</i>	GCA_001701025.1_ASM170102v1_genomic.fna
2150	<i>Clostridium estertheticum</i>	GCA_001877035.1_ASM187703v1_genomic.fna
2151	<i>Flavobacteriaceae bacterium</i>	GCA_001880285.1_ASM188028v1_genomic.fna
2152	<i>Thermus brockianus</i>	GCA_001880325.1_ASM188032v1_genomic.fna
2153	<i>Corynebacterium crudilactis</i>	GCA_001643015.1_ASM164301v1_genomic.fna
2154	<i>Neomicrococcus aestuarii</i>	GCA_001887245.1_ASM188724v1_genomic.fna
2155	<i>Microbacterium paludicola</i>	GCA_001887285.1_ASM188728v1_genomic.fna
2156	<i>Agromyces aureus</i>	GCA_001660485.1_ASM166048v1_genomic.fna
2157	<i>Pelobacter acetylenicus</i>	GCA_001888165.1_ASM188816v1_genomic.fna
2158	<i>Bacteroides caecimuris</i>	GCA_001688725.2_ASM168872v2_genomic.fna
2159	<i>Mycoplasma pullorum</i>	GCA_001900245.1_ASM190024v1_genomic.fna
2160	<i>Paenibacillus xylanexedens</i>	GCA_001908275.1_ASM190827v1_genomic.fna
2161	<i>Kiritimatiella glycovorans</i>	GCA_001017655.1_ASM101765v1_genomic.fna
2162	<i>Minicystis rosea</i>	GCA_001931535.1_ASM193153v1_genomic.fna
2163	<i>Weissella jogaejeotgali</i>	GCA_001932615.1_ASM193261v1_genomic.fna
2164	<i>Borrelia mayonii</i>	GCA_001945665.1_ASM194566v1_genomic.fna
2165	<i>Streptococcus acidominimus</i>	GCA_900187245.1_51470_D02_genomic.fna
2166	<i>Thauera chlorobenzoica</i>	GCA_001922305.1_ASM192230v1_genomic.fna
2167	<i>Ndongobacter massiliensis</i>	GCA_900120375.1_PRJEB18029_genomic.fna
2168	<i>Corynebacterium aquilae</i>	GCA_001941445.1_ASM194144v1_genomic.fna
2169	<i>Corynebacterium frankenforstense</i>	GCA_001941485.1_ASM194148v1_genomic.fna
2170	<i>Corynebacterium sphenisci</i>	GCA_001941505.1_ASM194150v1_genomic.fna
2171	<i>Corynebacterium phocae</i>	GCA_001941565.1_ASM194156v1_genomic.fna
2172	<i>Massilia putida</i>	GCA_001941825.1_ASM194182v1_genomic.fna
2173	<i>Gramella flava</i>	GCA_001951155.1_ASM195115v1_genomic.fna

2174	<i>Paludisphaera borealis</i>	GCA_001956985.1_ASM195698v1_genomic.fna
2175	<i>Bartonella apis</i>	GCA_002007565.1_ASM200756v1_genomic.fna
2176	<i>Ezakiella massiliensis</i>	GCA_900120165.1_PRJEB15652_genomic.fna
2177	<i>Lachnoclostridium phocaeense</i>	GCA_900120345.1_PRJEB18024_genomic.fna
2178	<i>Halioglobus pacificus</i>	GCA_001953075.1_ASM195307v1_genomic.fna
2179	<i>Betaproteobacteria bacterium</i>	GCA_001953215.1_ASM195321v1_genomic.fna
2180	<i>Negativicoccus massiliensis</i>	GCA_900155405.1_PRJEB18760_genomic.fna
2181	<i>Rhodoferrax saidenbachensis</i>	GCA_001955715.1_ASM195571v1_genomic.fna
2182	<i>Tateyamaria omphalii</i>	GCA_001969365.1_ASM196936v1_genomic.fna
2183	<i>Thiobacimonas profunda</i>	GCA_001969385.1_ASM196938v1_genomic.fna
2184	<i>Spiribacter curvatus</i>	GCA_000485905.1_ASM48590v1_genomic.fna
2185	<i>Hymenobacter sedentarius</i>	GCA_001507645.1_ASM150764v1_genomic.fna
2186	<i>Dehalogenimonas formicexedens</i>	GCA_001953175.1_ASM195317v1_genomic.fna
2187	<i>Bacillus weihaiensis</i>	GCA_001889165.1_ASM188916v1_genomic.fna
2188	<i>Achromobacter insolitus</i>	GCA_001971645.1_ASM197164v1_genomic.fna
2189	<i>Lutibacter profundus</i>	GCA_001543325.1_ASM154332v1_genomic.fna
2190	<i>Fuerstia marisgermanicae</i>	GCA_001983935.1_ASM198393v1_genomic.fna
2191	<i>Streptomyces autolyticus</i>	GCA_001983975.1_ASM198397v1_genomic.fna
2192	<i>Halioglobus japonicus</i>	GCA_001983995.1_ASM198399v1_genomic.fna
2193	<i>Lacinutrix venerupis</i>	GCA_001971745.1_ASM197174v1_genomic.fna
2194	<i>Proteiniphilum saccharofermentans</i>	GCA_900095135.1_M36_genomic.fna
2195	<i>Microbacterium aurum</i>	GCA_001974985.1_ASM197498v1_genomic.fna
2196	<i>Pelagibaca abyssi</i>	GCA_001975705.1_ASM197570v1_genomic.fna
2197	<i>Pseudodesulfovibrio indicus</i>	GCA_001563225.1_ASM156322v1_genomic.fna
2198	<i>Flavobacterium crassostreae</i>	GCA_001831475.1_ASM183147v1_genomic.fna
2199	<i>Acinetobacter larvae</i>	GCA_001704115.1_ASM170411v1_genomic.fna
2200	<i>Spirosoma montaniterrae</i>	GCA_001988955.1_ASM198895v1_genomic.fna
2201	<i>Auricoccus indicus</i>	GCA_001989575.1_ASM198957v1_genomic.fna
2202	<i>Phycisphaerae bacterium</i>	GCA_001997385.1_ASM199738v1_genomic.fna
2203	<i>Erysipelothrix larvae</i>	GCA_001545095.1_ASM154509v1_genomic.fna
2204	<i>Marinobacter salinus</i>	GCA_001854125.1_ASM185412v1_genomic.fna
2205	<i>Leuconostoc garlicum</i>	GCA_001998805.1_ASM199880v1_genomic.fna
2206	<i>Tessaracoccus flavescens</i>	GCA_001998865.1_ASM199886v1_genomic.fna
2207	<i>Vagococcus penaei</i>	GCA_001998885.1_ASM199888v1_genomic.fna

2208	<i>Pseudoalteromonas aliena</i>	GCA_001999225.1_ASM199922v1_genomic.fna
2209	<i>Phycisphaerae bacterium</i>	GCA_001999965.1_ASM199996v1_genomic.fna
2210	<i>Desulfotomaculum ferrireducens</i>	GCA_002005145.1_ASM200514v1_genomic.fna
2211	<i>Novibacillus thermophilus</i>	GCA_002005165.1_ASM200516v1_genomic.fna
2212	<i>Shewanella psychrophila</i>	GCA_002005305.1_ASM200530v1_genomic.fna
2213	<i>Paenalcogenes hominis</i>	GCA_002005365.1_ASM200536v1_genomic.fna
2214	<i>Phycisphaerae bacterium</i>	GCA_002007645.1_ASM200764v1_genomic.fna
2215	<i>Mycobacterium litorale</i>	GCA_002007745.1_ASM200774v1_genomic.fna
2216	<i>Komagataeibacter nataicola</i>	GCA_002009295.1_ASM200929v1_genomic.fna
2217	<i>Neosasaia chiangmaiensis</i>	GCA_002005465.1_ASM200546v1_genomic.fna
2218	<i>Anaerococcus mediterraneensis</i>	GCA_900128415.1_PRJEB15655_genomic.fna
2219	<i>Campylobacter pinnipediorum</i>	GCA_002021925.1_ASM202192v1_genomic.fna
2220	<i>Elizabethkingia endophytica</i>	GCA_002022045.1_ASM202204v1_genomic.fna
2221	<i>Ochrobactrum pituitosum</i>	GCA_002025625.1_ASM202562v1_genomic.fna
2222	<i>Curtobacterium pusillum</i>	GCA_002025645.1_ASM202564v1_genomic.fna
2223	<i>Alkalitalea saponilacus</i>	GCA_002201795.1_ASM220179v1_genomic.fna
2224	<i>Phoenicibacter massiliensis</i>	GCA_900169485.1_PRJEB19959_genomic.fna
2225	<i>Spirosoma aerolatum</i>	GCA_002056795.1_ASM205679v1_genomic.fna
2226	<i>Nitrospira japonica</i>	GCA_900169565.1_NSJP_Ch1_genomic.fna
2227	<i>Halomicronema hongdechloris</i>	GCA_002075285.2_ASM207528v2_genomic.fna
2228	<i>Shewanella japonica</i>	GCA_002075795.1_ASM207579v1_genomic.fna
2229	<i>Mycobacterium paraintracellulare</i>	GCA_000276825.1_ASM27682v1_genomic.fna
2230	<i>Parasaccharibacter apium</i>	GCA_002079945.1_ASM207994v1_genomic.fna
2231	<i>Streptomyces gilvosporeus</i>	GCA_002082195.1_ASM208219v1_genomic.fna
2232	<i>Kitasatospora albolonga</i>	GCA_002082585.1_ASM208258v1_genomic.fna
2233	<i>Christensenella massiliensis</i>	GCA_900155415.1_PRJEB13909b_genomic.fna
2234	<i>Spirosoma rigui</i>	GCA_002067135.1_ASM206713v1_genomic.fna
2235	<i>Blattabacterium cuenoti</i>	GCA_000348805.1_ASM34880v1_genomic.fna
2236	<i>Chromatiaceae bacterium</i>	GCA_002009425.1_ASM200942v1_genomic.fna
2237	<i>Mycobacterium marseillense</i>	GCA_002285715.1_ASM228571v1_genomic.fna
2238	<i>Pseudomonas versuta</i>	GCA_001294575.1_ASM129457v1_genomic.fna
2239	<i>Cnuibacter physcomitrellae</i>	GCA_002096055.1_ASM209605v1_genomic.fna
2240	<i>Halobacillus mangrovi</i>	GCA_002097535.1_ASM209753v1_genomic.fna
2241	<i>Pseudomonas mesoacidophila</i>	GCA_002097715.1_ASM209771v1_genomic.fna

2242	<i>Staphylococcus lutrae</i>	GCA_002101335.1_ASM210133v1_genomic.fna
2243	<i>Pantoea alhagi</i>	GCA_002101395.1_ASM210139v1_genomic.fna
2244	<i>Alcanivorax xenomutans</i>	GCA_002072815.1_ASM207281v1_genomic.fna
2245	<i>Paracoccus contaminans</i>	GCA_002105555.1_ASM210555v1_genomic.fna
2246	<i>Rhizobacter gummiphilus</i>	GCA_002116905.1_ASM211690v1_genomic.fna
2247	<i>Phycisphaerae bacterium</i>	GCA_002117005.1_ASM211700v1_genomic.fna
2248	<i>Oceanicoccus sagamiensis</i>	GCA_002117105.1_ASM211710v1_genomic.fna
2249	<i>Methylocystis bryophila</i>	GCA_002117405.1_ASM211740v1_genomic.fna
2250	<i>Ketogulonicigenium robustum</i>	GCA_002117445.1_ASM211744v1_genomic.fna
2251	<i>Methylobacterium zatmanii</i>	GCA_002117815.1_ASM211781v1_genomic.fna
2252	<i>Ruminococcaceae bacterium</i>	GCA_002119605.1_ASM211960v1_genomic.fna
2253	<i>Pseudorhodoplanes sinuspersici</i>	GCA_002119765.1_ASM211976v1_genomic.fna
2254	<i>Macrococcus canis</i>	GCA_002119805.1_ASM211980v1_genomic.fna
2255	<i>Sphingobacteriaceae bacterium</i>	GCA_002151545.1_ASM215154v1_genomic.fna
2256	<i>Kushneria marisflavi</i>	GCA_002157205.1_ASM215720v1_genomic.fna
2257	<i>Agarilytica rhodophyticola</i>	GCA_002157225.1_ASM215722v1_genomic.fna
2258	<i>Halomonas aestuarii</i>	GCA_001886615.1_ASM188661v1_genomic.fna
2259	<i>Gordonibacter massiliensis</i>	GCA_900170005.1_PRJEB19975_genomic.fna
2260	<i>Glutamicibacter halophytocola</i>	GCA_001302565.1_ASM130256v1_genomic.fna
2261	<i>Comamonas serinivorans</i>	GCA_002158865.1_ASM215886v1_genomic.fna
2262	<i>Oceanisphaera profunda</i>	GCA_002157895.1_ASM215789v1_genomic.fna
2263	<i>Gordonibacter urolithinfaciens</i>	GCA_900199375.1_G142160_polished_assembly_ID17483_genomic.fna
2264	<i>Spiroplasma clarkii</i>	GCA_002163565.1_ASM216356v1_genomic.fna
2265	<i>Nostocales cyanobacterium</i>	GCA_002163975.1_ASM216397v1_genomic.fna
2266	<i>Luteitalea pratensis</i>	GCA_001618865.1_ASM161886v1_genomic.fna
2267	<i>Herbinix luporum</i>	GCA_900070325.1_SD1D_genomic.fna
2268	<i>Oleiphilus messinensis</i>	GCA_002162375.1_ASM216237v1_genomic.fna
2269	<i>Thioclava nitratreducens</i>	GCA_001940525.2_ASM194052v2_genomic.fna
2270	<i>Brevefilum fermentans</i>	GCA_900184705.1_CAMBI-1_genomic.fna
2271	<i>Paenibacillus donghaensis</i>	GCA_002192415.1_ASM219241v1_genomic.fna
2272	<i>Streptomyces albireticuli</i>	GCA_002192455.1_ASM219245v1_genomic.fna
2273	<i>Methylovulum psychrotolerans</i>	GCA_002209385.1_ASM220938v1_genomic.fna
2274	<i>Idiomarina piscisalsi</i>	GCA_002211765.1_ASM221176v1_genomic.fna
2275	<i>Francisella haliotida</i>	GCA_002211785.1_ASM221178v1_genomic.fna

2276	<i>Diaphorobacter polyhydroxybutyrativorans</i>	GCA_002214645.1_ASM221464v1_genomic.fna
2277	<i>Shewanella marisflavi</i>	GCA_002215585.1_ASM221558v1_genomic.fna
2278	<i>Thalassotalea crassostreae</i>	GCA_001831495.1_ASM183149v1_genomic.fna
2279	<i>Phaeobacter porticola</i>	GCA_001888185.1_ASM188818v1_genomic.fna
2280	<i>Paraphotobacterium marinum</i>	GCA_002216855.1_ASM221685v1_genomic.fna
2281	<i>Shewanella bicestria</i>	GCA_002216875.1_ASM221687v1_genomic.fna
2282	<i>Sphingorhabdus flavimaris</i>	GCA_002218195.1_ASM221819v1_genomic.fna
2283	<i>Pseudoalteromonas nigrifaciens</i>	GCA_002221505.1_ASM222150v1_genomic.fna
2284	<i>Pseudoalteromonas espejiana</i>	GCA_002221525.1_ASM222152v1_genomic.fna
2285	<i>Vitreoscilla filiformis</i>	GCA_002222655.1_ASM222265v1_genomic.fna
2286	<i>Virgibacillus necropolis</i>	GCA_002224365.1_ASM222436v1_genomic.fna
2287	<i>Dehalobacterium formicoaceticum</i>	GCA_002224645.1_ASM222464v1_genomic.fna
2288	<i>Legionella clemsonensis</i>	GCA_002240035.1_ASM224003v1_genomic.fna
2289	<i>Flavobacterium communis</i>	GCA_001857965.1_ASM185796v1_genomic.fna
2290	<i>Herminiimonas arsenitoxidans</i>	GCA_900130075.1_Herminiimonas_arsenitoxidans_genomic.fna
2291	<i>Pseudoalteromonas piratica</i>	GCA_000788395.1_ASM78839v1_genomic.fna
2292	<i>Geobacillus lituanicus</i>	GCA_002243605.1_ASM224360v1_genomic.fna
2293	<i>Tumebacillus algifacis</i>	GCA_002243515.1_ASM224351v1_genomic.fna
2294	<i>Actinoalloteichus hoggarensis</i>	GCA_002234535.1_ASM223453v1_genomic.fna
2295	<i>Zobellella denitrificans</i>	GCA_002407485.1_ASM240748v1_genomic.fna
2296	<i>Bacterioplanes sanyensis</i>	GCA_002237535.1_ASM223753v1_genomic.fna
2297	<i>Spiroplasma corruscae</i>	GCA_002237575.1_ASM223757v1_genomic.fna
2298	<i>Erythrobacter flavus</i>	GCA_002237615.1_ASM223761v1_genomic.fna
2299	<i>Marinobacterium aestuarii</i>	GCA_001651805.1_ASM165180v1_genomic.fna
2300	<i>Staphylococcus muscae</i>	GCA_900187005.1_50569_B01_genomic.fna
2301	<i>Staphylococcus stepanovicii</i>	GCA_900187075.1_50432_F01_genomic.fna
2302	<i>Chryseobacterium taklimakanense</i>	GCA_900187185.1_50618_E01_genomic.fna
2303	<i>Veillonella rodentium</i>	GCA_900187285.1_51342_C02_genomic.fna
2304	<i>Staphylococcus piscifermentans</i>	GCA_900186985.1_50377_C01_genomic.fna
2305	<i>Tenacibaculum jejuense</i>	GCA_900198195.1_Tjejuense_V1_genomic.fna
2306	<i>Bacillus kochii</i>	GCA_002276165.1_ASM227616v1_genomic.fna
2307	<i>Actinobacteria bacterium</i>	GCA_002284855.1_ASM228485v1_genomic.fna
2308	<i>Actinobacteria bacterium</i>	GCA_002284875.1_ASM228487v1_genomic.fna
2309	<i>Actinobacteria bacterium</i>	GCA_002284895.1_ASM228489v1_genomic.fna

2310	<i>Actinobacteria bacterium</i>	GCA_002284915.1_ASM228491v1_genomic.fna
2311	<i>Actinomyces gaoshouyui</i>	GCA_002076915.1_ASM207691v1_genomic.fna
2312	<i>Thermogutta terrifontis</i>	GCA_002277955.1_ASM227795v1_genomic.fna
2313	<i>Mycobacterium dioxanotrophicus</i>	GCA_002157835.1_ASM215783v1_genomic.fna
2314	<i>Corynebacterium glaucum</i>	GCA_002287505.1_ASM228750v1_genomic.fna
2315	<i>Kushneria konosiri</i>	GCA_002155145.1_ASM215514v1_genomic.fna
2316	<i>Gibbsiella quercinecans</i>	GCA_002291425.1_ASM229142v1_genomic.fna
2317	<i>Mycobacterium lepraemurium</i>	GCA_002291465.1_ASM229146v1_genomic.fna
2318	<i>Capnocytophaga leadbetteri</i>	GCA_002302615.1_ASM230261v1_genomic.fna
2319	<i>Capnocytophaga stomatis</i>	GCA_002302635.1_ASM230263v1_genomic.fna
2320	<i>Verrucomicrobia bacterium</i>	GCA_002310495.1_ASM231049v1_genomic.fna
2321	<i>Microbulbifer aggregans</i>	GCA_001750105.1_ASM175010v1_genomic.fna
2322	<i>Janthinobacterium svalbardensis</i>	GCA_002327145.1_ASM232714v1_genomic.fna
2323	<i>Trichormus variabilis</i>	GCA_000204075.1_ASM20407v1_genomic.fna
2324	<i>Hydrogenophaga crassostreae</i>	GCA_001761385.1_ASM176138v1_genomic.fna
2325	<i>Streptococcus troglodytae</i>	GCA_002355215.1_ASM235521v1_genomic.fna
2326	<i>Rhizorhabdus dicambivorans</i>	GCA_002355275.1_ASM235527v1_genomic.fna
2327	<i>Variibacter gotjawalensis</i>	GCA_002355335.1_ASM235533v1_genomic.fna
2328	<i>Aneurinibacillus soli</i>	GCA_002355375.1_ASM235537v1_genomic.fna
2329	<i>Microcella alkaliphila</i>	GCA_002355395.1_Microcella_alkaliphila_JAM_AC0309_assembly_01_genomic.fna
2330	<i>Sulfurifustis variabilis</i>	GCA_002355415.1_ASM235541v1_genomic.fna
2331	<i>Mucilaginibacter gotjawali</i>	GCA_002355435.1_ASM235543v1_genomic.fna
2332	<i>Aurantimicrobium minutum</i>	GCA_002355535.1_ASM235553v1_genomic.fna
2333	<i>Sulfuricaulis limicola</i>	GCA_002355735.1_ASM235573v1_genomic.fna
2334	<i>Marinifilaceae bacterium</i>	GCA_002356295.1_ASM235629v1_genomic.fna
2335	<i>Mycobacterium shigaense</i>	GCA_002356315.1_ASM235631v1_genomic.fna
2336	<i>Mycobacterium stephanolepidis</i>	GCA_002356335.1_ASM235633v1_genomic.fna
2337	<i>Thiohalobacter thiocyanaticus</i>	GCA_002356355.1_ASM235635v1_genomic.fna
2338	<i>Rhodobacteraceae bacterium</i>	GCA_002356635.1_ASM235663v1_genomic.fna
2339	<i>Ichthyobacterium seriolicida</i>	GCA_002369955.1_ASM236995v1_genomic.fna
2340	<i>Murdochiella vaginalis</i>	GCA_900119705.1_PRJEB14245_genomic.fna
2341	<i>Mesoplasma lactucaae</i>	GCA_002441935.1_ASM244193v1_genomic.fna
2342	<i>Staphylococcus nepalensis</i>	GCA_002442895.1_ASM244289v1_genomic.fna
2343	<i>Pseudodesulfovibrio profundus</i>	GCA_900217235.1_DPRO_PRJEB22548_v1_genomic.fna

2344	<i>Sodalis endosymbiont</i>	GCA_900161835.1_HBAv1_genomic.fna
2345	<i>Celeribacter manganoxidans</i>	GCA_002504165.1_ASM250416v1_genomic.fna
2346	<i>Altererythrobacter mangrovi</i>	GCA_002269345.1_ASM226934v1_genomic.fna
2347	<i>Brachybacterium ginsengisoli</i>	GCA_002407065.1_ASM240706v1_genomic.fna
2348	<i>Phaeobacter piscinae</i>	GCA_002407245.1_ASM240724v1_genomic.fna
2349	<i>Phaeobacter piscinae</i>	GCA_002412025.1_ASM241202v1_genomic.fna
2350	<i>Staphylococcus nepalensis</i>	GCA_002442935.1_ASM244293v1_genomic.fna
2351	<i>Antarctobacter heliothermus</i>	GCA_002237555.1_ASM223755v1_genomic.fna
2352	<i>Neisseria zoodegmatis</i>	GCA_900187305.1_51470_F02_genomic.fna
2353	<i>Mycobacterium terrae</i>	GCA_900187145.1_50818_H01_genomic.fna
2354	<i>Janibacter indicus</i>	GCA_001889125.1_ASM188912v1_genomic.fna
2355	<i>Blattabacterium cuenoti</i>	GCA_002355135.1_ASM235513v1_genomic.fna
2356	<i>Celeribacter ethanolicus</i>	GCA_002407265.1_ASM240726v1_genomic.fna
2357	<i>Elizabethkingia endophytica</i>	GCA_002022085.1_ASM202208v1_genomic.fna
2358	<i>Campylobacter pinnipediorum</i>	GCA_002021945.1_ASM202194v1_genomic.fna
2359	<i>Filimonas lacunae</i>	GCA_002355595.1_F._lacunae_YT21-2_genomic.fna
2360	<i>Bartonella apis</i>	GCA_002007485.1_ASM200748v1_genomic.fna
2361	<i>Borrelia mayonii</i>	GCA_001936295.1_ASM193629v1_genomic.fna
2362	<i>Corynebacterium cystitidis</i>	GCA_900187295.1_52191_E01_genomic.fna
2363	<i>Clostridium cochlearium</i>	GCA_900187165.1_52121_G02_genomic.fna
2364	<i>Clostridium formicaceticum</i>	GCA_002080475.1_ASM208047v1_genomic.fna
2365	<i>Pectobacterium parmentieri</i>	GCA_001742145.1_ASM174214v1_genomic.fna
2366	<i>Burkholderia stabilis</i>	GCA_002356275.1_ASM235627v1_genomic.fna
2367	<i>Bordetella bronchialis</i>	GCA_001676745.1_ASM167674v1_genomic.fna
2368	<i>Lactobacillus backii</i>	GCA_001663655.1_ASM166365v1_genomic.fna
2369	<i>Enterococcus thailandicus</i>	GCA_002290025.1_ASM229002v1_genomic.fna
2370	<i>Kluyvera georgiana</i>	GCA_002211745.1_ASM221174v1_genomic.fna
2371	<i>Ralstonia insidiosa</i>	GCA_001663855.1_ASM166385v1_genomic.fna
2372	<i>Polynucleobacter asymbioticus</i>	GCA_001874545.1_ASM187454v1_genomic.fna
2373	<i>Pseudomonas koreensis</i>	GCA_001654515.1_ASM165451v1_genomic.fna
2374	<i>Planococcus maritimus</i>	GCA_001687625.2_ASM168762v2_genomic.fna
2375	<i>Collimonas pratensis</i>	GCA_001584225.1_ASM158422v1_genomic.fna
2376	<i>Enterobacter cloacae</i>	GCA_000750275.1_ASM75027v1_genomic.fna
2377	<i>Corynebacterium simulans</i>	GCA_001586235.1_ASM158623v1_genomic.fna

2378	<i>Paracoccus aminovorans</i>	GCA_900005615.1_JCM7685_genomic.fna
2379	<i>Enterobacter kobei</i>	GCA_001729765.1_ASM172976v1_genomic.fna
2380	<i>Alteromonas mediterranea</i>	GCA_000310085.1_ASM31008v1_genomic.fna
2381	<i>Legionella spiritensis</i>	GCA_900186965.1_50592_C01_genomic.fna
2382	<i>Legionella waltersii</i>	GCA_900187095.1_51699_A01_genomic.fna
2383	<i>Enterococcus silesiacus</i>	GCA_001465115.1_ASM146511v1_genomic.fna
2384	<i>Pseudoalteromonas issachenkonii</i>	GCA_002310795.1_ASM231079v1_genomic.fna
2385	<i>Bacillus glycinifermentans</i>	GCA_002443095.1_ASM244309v1_genomic.fna
2386	<i>Lysobacter enzymogenes</i>	GCA_002355975.1_ASM235597v1_genomic.fna
2387	<i>Bacillus paralicheniformis</i>	GCA_000876525.1_ASM87652v1_genomic.fna
2388	<i>Streptomyces pactum</i>	GCA_002005225.1_ASM200522v1_genomic.fna
2389	<i>Blastochloris viridis</i>	GCA_001459775.1_Blastochloris_viridis_genome_genomic.fna
2390	<i>Lactobacillus paracollinoides</i>	GCA_001702155.1_ASM170215v1_genomic.fna
2391	<i>Lactobacillus lindneri</i>	GCA_001702115.1_ASM170211v1_genomic.fna
2392	<i>Mycobacterium chimaera</i>	GCA_002166795.1_ASM216679v1_genomic.fna
2393	<i>Bosea vaviloviae</i>	GCA_001741865.1_ASM174186v1_genomic.fna
2394	<i>Arthrobacter alpinus</i>	GCA_001445575.1_ASM144557v1_genomic.fna
2395	<i>Lawsonella clevelandensis</i>	GCA_001281505.1_ASM128150v1_genomic.fna
2396	<i>Oblitimonas alkaliphila</i>	GCA_001267195.1_ASM126719v1_genomic.fna
2397	<i>Spiroplasma tauronicum</i>	GCA_001513715.1_ASM151371v1_genomic.fna
2398	<i>Staphylococcus schleiferi</i>	GCA_001188875.1_ASM118887v1_genomic.fna
2399	<i>Mycobacterium aurum</i>	GCA_900078775.1_ASM90007877v1_genomic.fna
2400	<i>Brenneria goodwinii</i>	GCA_002291445.1_ASM229144v1_genomic.fna
2401	<i>Klebsiella quasipneumoniae</i>	GCA_002240295.1_ASM224029v1_genomic.fna
2402	<i>Staphylococcus condimenti</i>	GCA_001922405.1_ASM192240v1_genomic.fna
2403	<i>Pandoraea thiooxydans</i>	GCA_001017775.3_ASM101777v3_genomic.fna
2404	<i>Brevibacterium flavum</i>	GCA_001683055.1_ASM168305v1_genomic.fna
2405	<i>Ralstonia mannitolilytica</i>	GCA_001628775.1_ASM162877v1_genomic.fna
2406	<i>Tatlockia micdadei</i>	GCA_002085715.1_ASM208571v1_genomic.fna
2407	<i>Campylobacter iguaniorum</i>	GCA_001483985.1_ASM148398v1_genomic.fna
2408	<i>Mycobacterium immunogenum</i>	GCA_001677135.1_ASM167713v1_genomic.fna
2409	<i>Marinobacter salarius</i>	GCA_002116735.1_ASM211673v1_genomic.fna
2410	<i>Pandoraea apista</i>	GCA_001010785.1_ASM101078v1_genomic.fna
2411	<i>Pandoraea sputorum</i>	GCA_900187205.1_52191_D01_genomic.fna

2412	<i>Streptomyces pluripotens</i>	GCA_000816465.4_ASM81646v4_genomic.fna
2413	<i>Pseudomonas frederiksbergensis</i>	GCA_001952935.1_ASM195293v1_genomic.fna
2414	<i>Fusobacterium hwasookii</i>	GCA_001455105.1_ASM145510v1_genomic.fna
2415	<i>Clostridium baratii</i>	GCA_001991075.1_ASM199107v1_genomic.fna
2416	<i>Collimonas arenae</i>	GCA_001584165.1_ASM158416v1_genomic.fna
2417	<i>Citrobacter braakii</i>	GCA_002208845.1_ASM220884v1_genomic.fna
2418	<i>Klebsiella michiganensis</i>	GCA_000276705.2_ASM27670v2_genomic.fna
2419	<i>Amycolatopsis lurida</i>	GCA_000749465.2_ASM74946v2_genomic.fna
2420	<i>Caulobacter henricii</i>	GCA_001414055.1_ASM141405v1_genomic.fna
2421	<i>Corynebacterium imitans</i>	GCA_900187215.1_52295_D01_genomic.fna
2422	<i>Chryseobacterium piperi</i>	GCA_002285635.1_ASM228563v1_genomic.fna
2423	<i>Alteromonas australica</i>	GCA_000934525.1_ASM93452v1_genomic.fna
2424	<i>Sinorhizobium americanum</i>	GCA_001889105.1_ASM188910v1_genomic.fna
2425	<i>Kozakia baliensis</i>	GCA_001787355.1_ASM178735v1_genomic.fna
2426	<i>Edwardsiella piscicida</i>	GCA_001729265.1_ASM172926v1_genomic.fna
2427	<i>Mycoplasma californicum</i>	GCA_000829335.1_ASM82933v1_genomic.fna
2428	<i>Legionella lansingensis</i>	GCA_900187355.1_51342_E02_genomic.fna
2429	<i>Lysobacter capsici</i>	GCA_002355295.1_ASM235529v1_genomic.fna
2430	<i>Bacillus velezensis</i>	GCA_000283695.1_ASM28369v1_genomic.fna
2431	<i>Ensifer sojae</i>	GCA_002288525.1_ASM228852v1_genomic.fna
2432	<i>Burkholderia lata</i>	GCA_001718575.1_ASM171857v1_genomic.fna
2433	<i>Chlamydia gallinacea</i>	GCA_002007725.1_ASM200772v1_genomic.fna
2434	<i>Kosakonia sacchari</i>	GCA_001683395.1_ASM168339v1_genomic.fna
2435	<i>Bifidobacterium kashiwanohense</i>	GCA_001042615.1_ASM104261v1_genomic.fna
2436	<i>Pandoraea pnomenusa</i>	GCA_000504585.2_ASM50458v2_genomic.fna
2437	<i>Pseudomonas mosselii</i>	GCA_002309555.1_ASM230955v1_genomic.fna
2438	<i>Capnocytophaga haemolytica</i>	GCA_900187255.1_51184_F02_genomic.fna
2439	<i>Streptomyces lydicus</i>	GCA_000952035.2_ASM95203v2_genomic.fna
2440	<i>Desulfococcus multivorans</i>	GCA_002009335.2_ASM200933v2_genomic.fna
2441	<i>Campylobacter subantarcticus</i>	GCA_000816305.1_ASM81630v1_genomic.fna
2442	<i>Clostridium chauvoei</i>	GCA_002327185.1_ASM232718v1_genomic.fna
2443	<i>Bradyrhizobium diazoefficiens</i>	GCA_001549695.1_ASM154969v1_genomic.fna
2444	<i>Cellulophaga baltica</i>	GCA_000477035.2_ASM47703v2_genomic.fna
2445	<i>Clostridium saccharobutylicum</i>	GCA_002003285.1_ASM200328v1_genomic.fna

2446	<i>Clostridium autoethanogenum</i>	GCA_001484725.1_ASM148472v1_genomic.fna
2447	<i>Mesoplasma chauliocola</i>	GCA_002290085.1_ASM229008v1_genomic.fna
2448	<i>Enterobacter lignolyticus</i>	GCA_001461805.1_ASM146180v1_genomic.fna
2449	<i>Paenibacillus durus</i>	GCA_000993825.1_ASM99382v1_genomic.fna
2450	<i>Serratia fonticola</i>	GCA_001514455.1_ASM151445v1_genomic.fna
2451	<i>Bordetella hinzii</i>	GCA_001078295.1_ASM107829v1_genomic.fna
2452	<i>Azotobacter chroococcum</i>	GCA_002220155.1_ASM222015v1_genomic.fna
2453	<i>Dyella japonica</i>	GCA_000725385.1_ASM72538v1_genomic.fna
2454	<i>Bacillus cohnii</i>	GCA_002250055.1_ASM225005v1_genomic.fna
2455	<i>Bifidobacterium thermophilum</i>	GCA_000347695.1_ASM34769v1_genomic.fna
2456	<i>Mycobacterium yongonense</i>	GCA_002148175.1_ASM214817v1_genomic.fna
2457	<i>Nocardiopsis gilva</i>	GCA_002263495.1_ASM226349v1_genomic.fna
2458	<i>Borrelia miyamotoi</i>	GCA_000807295.1_ASM80729v1_genomic.fna
2459	<i>Rathayibacter toxicus</i>	GCA_000875675.1_ASM87567v1_genomic.fna
2460	<i>Aerococcus urinaeequi</i>	GCA_001543205.1_ASM154320v1_genomic.fna
2461	<i>Sporosarcina ureae</i>	GCA_002081995.1_ASM208199v1_genomic.fna
2462	<i>Staphylococcus pasteurii</i>	GCA_002442915.1_ASM244291v1_genomic.fna
2463	<i>Mannheimia varigena</i>	GCA_000521685.1_ASM52168v1_genomic.fna
2464	<i>Streptomyces albulus</i>	GCA_000963515.1_ASM96351v1_genomic.fna
2465	<i>Lysobacter antibioticus</i>	GCA_001442745.1_ASM144274v1_genomic.fna
2466	<i>Bifidobacterium pseudolongum</i>	GCA_002282915.1_ASM228291v1_genomic.fna
2467	<i>Butyrivibrio hungatei</i>	GCA_001858005.1_ASM185800v1_genomic.fna
2468	<i>Weissella ceti</i>	GCA_000732905.1_ASM73290v1_genomic.fna
2469	<i>Corynebacterium stationis</i>	GCA_001561975.1_ASM156197v1_genomic.fna
2470	<i>Brochothrix thermosphacta</i>	GCA_002381265.1_ASM238126v1_genomic.fna
2471	<i>Raoultella ornithinolytica</i>	GCA_000829965.1_ASM82996v1_genomic.fna
2472	<i>Serratia liquefaciens</i>	GCA_000975245.1_ASM97524v1_genomic.fna
2473	<i>Tepidanaerobacter acetatoxydans</i>	GCA_000213235.1_ASM21323v1_genomic.fna
2474	<i>Liberibacter crescens</i>	GCA_001543305.1_ASM154330v1_genomic.fna
2475	<i>Desulfovibrio desulfuricans</i>	GCA_000022125.1_ASM2212v1_genomic.fna
2476	<i>Cellulosimicrobium cellulans</i>	GCA_002162335.1_ASM216233v1_genomic.fna
2477	<i>Cystobacter fuscus</i>	GCA_002305875.1_ASM230587v1_genomic.fna
2478	<i>Bibersteinia trehalosi</i>	GCA_000521725.1_ASM52172v1_genomic.fna
2479	<i>Clostridium stercorarium</i>	GCA_000349885.2_ASM34988v2_genomic.fna

2480	<i>Citrobacter amalonaticus</i>	GCA_001558935.1_ASM155893v1_genomic.fna
2481	<i>Achromobacter denitrificans</i>	GCA_002205315.1_ASM220531v1_genomic.fna
2482	<i>Pseudomonas protegens</i>	GCA_000828695.1_ASM82869v1_genomic.fna
2483	<i>Nitratireductor basaltis</i>	GCA_001953055.1_ASM195305v1_genomic.fna
2484	<i>Sphingobium cloacae</i>	GCA_002355855.1_ASM235585v1_genomic.fna
2485	<i>Dickeya solani</i>	GCA_000758345.1_ASM75834v1_genomic.fna
2486	<i>Sphingobacterium mizutaii</i>	GCA_900187125.1_50592_G01_genomic.fna
2487	<i>Lelliottia amnigena</i>	GCA_002393405.1_ASM239340v1_genomic.fna
2488	<i>Pseudothromotoga hypogea</i>	GCA_000504105.1_ASM50410v1_genomic.fna
2489	<i>Vibrio natriegens</i>	GCA_001680025.1_ASM168002v1_genomic.fna
2490	<i>Sphingopyxis macrogoltabida</i>	GCA_001307295.1_ASM130729v1_genomic.fna
2491	<i>Chryseobacterium indologenes</i>	GCA_002025665.1_ASM202566v1_genomic.fna
2492	<i>Cedecea neteri</i>	GCA_000758305.1_ASM75830v1_genomic.fna
2493	<i>Elizabethkingia meningoseptica</i>	GCA_002022145.1_ASM202214v1_genomic.fna
2494	<i>Pseudomonas parafulva</i>	GCA_002021815.1_ASM202181v1_genomic.fna
2495	<i>Pseudomonas citronellolis</i>	GCA_001586155.1_ASM158615v1_genomic.fna
2496	<i>Pseudomonas azotoformans</i>	GCA_002007785.1_ASM200778v1_genomic.fna
2497	<i>Nocardia seriolae</i>	GCA_002356035.1_ASM235603v1_genomic.fna
2498	<i>Thalassolituus oleivorans</i>	GCA_000582555.1_ASM58255v1_genomic.fna
2499	<i>Rhizobium gallicum</i>	GCA_001908615.1_ASM190861v1_genomic.fna
2500	<i>Corynebacterium halotolerans</i>	GCA_000341345.1_ASM34134v1_genomic.fna
2501	<i>Streptococcus merionis</i>	GCA_900187085.1_50624_E01_genomic.fna
2502	<i>Aeribacillus pallidus</i>	GCA_002243625.1_ASM224362v1_genomic.fna
2503	<i>Xanthomonas translucens</i>	GCA_900094325.1_PBas1_genomic.fna
2504	<i>Capnocytophaga cynodegmi</i>	GCA_002302475.1_ASM230247v1_genomic.fna
2505	<i>Mycoplasma bovigenitalium</i>	GCA_002356075.1_ASM235607v1_genomic.fna
2506	<i>Bacillus safensis</i>	GCA_001938665.1_ASM193866v1_genomic.fna
2507	<i>Kosakonia radicincitans</i>	GCA_001887675.1_ASM188767v1_genomic.fna
2508	<i>Bordetella holmesii</i>	GCA_000341465.2_ASM34146v2_genomic.fna
2509	<i>Leptolyngbya boryana</i>	GCA_002142475.1_ASM214247v1_genomic.fna
2510	<i>Acidipropionibacterium acidipropionici</i>	GCA_000310065.1_ASM31006v1_genomic.fna
2511	<i>Helicobacter cetorum</i>	GCA_000259255.1_ASM25925v1_genomic.fna
2512	<i>Paraburkholderia caribensis</i>	GCA_001449005.1_ASM144900v1_genomic.fna
2513	<i>Staphylococcus equorum</i>	GCA_001682235.1_ASM168223v1_genomic.fna

2514	<i>Alteromonas stellipolaris</i>	GCA_001433715.1_ASM143371v1_genomic.fna
2515	<i>Cutibacterium granulosum</i>	GCA_900186975.1_50569_F01_genomic.fna
2516	<i>Phaeobacter inhibens</i>	GCA_000154765.2_ASM15476v2_genomic.fna
2517	<i>Alcaligenes faecalis</i>	GCA_001641975.2_ASM164197v2_genomic.fna
2518	<i>Amycolatopsis orientalis</i>	GCA_000943515.2_ASM94351v2_genomic.fna
2519	<i>Serratia plymuthica</i>	GCA_000214235.1_ASM21423v1_genomic.fna
2520	<i>Dermatophilus congolensis</i>	GCA_900187045.1_51485_B01_genomic.fna
2521	<i>Pseudomonas chlororaphis</i>	GCA_000761195.1_ASM76119v1_genomic.fna
2522	<i>Solibacillus silvestris</i>	GCA_000271325.1_ASM27132v1_genomic.fna
2523	<i>Geobacillus thermoleovorans</i>	GCA_000236605.1_ASM23660v1_genomic.fna
2524	<i>Sphingomonas melonis</i>	GCA_002504265.1_ASM250426v1_genomic.fna
2525	<i>Moraxella osloensis</i>	GCA_002355615.1_ASM235561v1_genomic.fna
2526	<i>Nocardia brasiliensis</i>	GCA_002209125.1_ASM220912v1_genomic.fna
2527	<i>Pseudomonas fragi</i>	GCA_002128325.1_ASM212832v1_genomic.fna
2528	<i>Xanthomonas fragariae</i>	GCA_001705545.1_ASM170554v1_genomic.fna
2529	<i>Pseudoalteromonas luteoviolacea</i>	GCA_001750185.1_ASM175018v1_genomic.fna
2530	<i>Cronobacter malonaticus</i>	GCA_001277215.2_ASM127721v2_genomic.fna
2531	<i>Rhizobium phaseoli</i>	GCA_001664105.1_ASM166410v1_genomic.fna
2532	<i>Citrobacter werkmanii</i>	GCA_002386385.1_ASM238638v1_genomic.fna
2533	<i>Pseudomonas monteilii</i>	GCA_000510285.1_ASM51028v1_genomic.fna
2534	<i>Mycoplasma canis</i>	GCA_000988065.1_ASM98806v1_genomic.fna
2535	<i>Elizabethkingia anophelis</i>	GCA_000240095.3_ASM24009v3_genomic.fna
2536	<i>Rickettsia rhipicephali</i>	GCA_001442475.1_ASM144247v1_genomic.fna
2537	<i>Piscirickettsia salmonis</i>	GCA_000756415.3_ASM75641v3_genomic.fna
2538	<i>Francisella noatunensis</i>	GCA_000505725.1_ASM50572v1_genomic.fna
2539	<i>Francisella persica</i>	GCA_001275365.1_ASM127536v1_genomic.fna
2540	<i>Mycobacterium thermoresistibile</i>	GCA_900187065.1_50465_H02_genomic.fna
2541	<i>Enterococcus mundtii</i>	GCA_002216705.1_ASM221670v1_genomic.fna
2542	<i>Rhodococcus fascians</i>	GCA_001620305.1_ASM162030v1_genomic.fna
2543	<i>Leptospirillum ferriphilum</i>	GCA_000695975.1_ASM69597v1_genomic.fna
2544	<i>Flavobacterium columnare</i>	GCA_001534645.1_ASM153464v1_genomic.fna
2545	<i>Rhodococcus pyridinivorans</i>	GCA_002269365.1_ASM226936v1_genomic.fna
2546	<i>Campylobacter sputorum</i>	GCA_002220755.1_ASM222075v1_genomic.fna
2547	<i>Campylobacter hyointestinalis</i>	GCA_001643975.1_ASM164397v1_genomic.fna

2548	<i>Enterococcus durans</i>	GCA_001267865.1_ASM126786v1_genomic.fna
2549	<i>Neorhizobium galegae</i>	GCA_000731295.1_RG1141_Ch_pA_pB_genomic.fna
2550	<i>Clostridium saccharoperbutylacetonicum</i>	GCA_002003305.1_ASM200330v1_genomic.fna
2551	<i>Streptomyces cattleya</i>	GCA_000237305.1_ASM23730v1_genomic.fna
2552	<i>Staphylococcus simiae</i>	GCA_900187055.1_50377_D01_genomic.fna
2553	<i>Halobacillus halophilus</i>	GCA_002209425.1_ASM220942v1_genomic.fna
2554	<i>Azospirillum lipoferum</i>	GCA_000283655.1_ASM28365v1_genomic.fna
2555	<i>Mesorhizobium australicum</i>	GCA_000230995.3_ASM23099v3_genomic.fna
2556	<i>Spiroplasma mirum</i>	GCA_000517365.1_ASM51736v1_genomic.fna
2557	<i>Moraxella bovoculi</i>	GCA_000988615.1_ASM98861v1_genomic.fna
2558	<i>Spiroplasma eriocheiris</i>	GCA_002028345.1_ASM202834v1_genomic.fna
2559	<i>Actinobacillus suis</i>	GCA_900187155.1_51726_C01_genomic.fna
2560	<i>Pediococcus clausenii</i>	GCA_001702215.1_ASM170221v1_genomic.fna
2561	<i>Bacillus simplex</i>	GCA_002243645.1_ASM224364v1_genomic.fna
2562	<i>Rickettsia japonica</i>	GCA_002356695.1_ASM235669v1_genomic.fna
2563	<i>Pseudomonas pseudoalcaligenes</i>	GCA_000953455.1_Ppseudo_Pac_genomic.fna
2564	<i>Staphylococcus xylosus</i>	GCA_000709415.1_ASM70941v1_genomic.fna
2565	<i>Rickettsia slovaca</i>	GCA_000252365.1_ASM25236v1_genomic.fna
2566	<i>Vibrio campbellii</i>	GCA_000464435.1_ASM46443v1_genomic.fna
2567	<i>Azospirillum brasilense</i>	GCA_000632475.2_ASM63247v2_genomic.fna
2568	<i>Streptomyces ambofaciens</i>	GCA_001632865.1_ASM163286v1_genomic.fna
2569	<i>Clostridium pasteurianum</i>	GCA_000389635.1_ASM38963v1_genomic.fna
2570	<i>Tannerella forsythia</i>	GCA_001547855.1_ASM154785v1_genomic.fna
2571	<i>Prevotella intermedia</i>	GCA_000261025.1_ASM26102v1_genomic.fna
2572	<i>Cutibacterium avidum</i>	GCA_001714705.1_ASM171470v1_genomic.fna
2573	<i>Morganella morganii</i>	GCA_001558895.1_ASM155889v1_genomic.fna
2574	<i>Pediococcus damnosus</i>	GCA_001611035.1_ASM161103v1_genomic.fna
2575	<i>Micavibrio aeruginosavorus</i>	GCA_000348745.1_ASM34874v1_genomic.fna
2576	<i>Tatumella citrea</i>	GCA_002163605.1_ASM216360v1_genomic.fna
2577	<i>Lactobacillus curvatus</i>	GCA_001663835.1_ASM166383v1_genomic.fna
2578	<i>Streptomyces venezuelae</i>	GCA_001406115.1_Streptomyces_venezuelae_ATCC_15439_genomic.fna
2579	<i>Hafnia alvei</i>	GCA_001559255.1_ASM155925v1_genomic.fna
2580	<i>Selenomonas ruminantium</i>	GCA_000284095.1_ASM28409v1_genomic.fna
2581	<i>Ornithobacterium rhinotracheale</i>	GCA_000756505.1_ASM75650v1_genomic.fna

2582	<i>Tetragenococcus halophilus</i>	GCA_001712815.1_ASM171281v1_genomic.fna
2583	<i>Enterococcus hirae</i>	GCA_001641305.1_ASM164130v1_genomic.fna
2584	<i>Burkholderia cepacia</i>	GCA_000292915.1_ASM29291v1_genomic.fna
2585	<i>Fervidobacterium pennivorans</i>	GCA_001644665.1_ASM164466v1_genomic.fna
2586	<i>Pantoea agglomerans</i>	GCA_001558735.1_ASM155873v1_genomic.fna
2587	<i>Melissococcus plutonius</i>	GCA_000283975.1_ASM28397v1_genomic.fna
2588	<i>Rickettsia amblyommatis</i>	GCA_000284055.1_ASM28405v1_genomic.fna
2589	<i>Pseudomonas brassicacearum</i>	GCA_000585995.1_ASM58599v1_genomic.fna
2590	<i>Mycobacterium abscessus</i>	GCA_000758405.1_ASM75840v1_genomic.fna
2591	<i>Paenibacillus mucilaginosus</i>	GCA_000218915.1_ASM21891v1_genomic.fna
2592	<i>Burkholderia gladioli</i>	GCA_000194745.1_ASM19474v1_genomic.fna
2593	<i>Aeromonas veronii</i>	GCA_001593245.1_ASM159324v1_genomic.fna
2594	<i>Chlamydia pecorum</i>	GCA_000470765.1_ASM47076v1_genomic.fna
2595	<i>Xanthomonas gardneri</i>	GCA_001908755.1_ASM190875v1_genomic.fna
2596	<i>Corynebacterium ulcerans</i>	GCA_000215665.1_ASM21566v1_genomic.fna
2597	<i>Staphylococcus pseudintermedius</i>	GCA_000189495.1_ASM18949v1_genomic.fna
2598	<i>Lactobacillus farciminis</i>	GCA_002706745.1_ASM270674v1_genomic.fna
2599	<i>Klebsiella aerogenes</i>	GCA_000334515.1_ASM33451v1_genomic.fna
2600	<i>Jonesia denitrificans</i>	GCA_002209145.1_ASM220914v1_genomic.fna
2601	<i>Nocardiopsis dassonvillei</i>	GCA_001877055.1_ASM187705v1_genomic.fna
2602	<i>Conexibacter woesei</i>	GCA_000025265.1_ASM2526v1_genomic.fna
2603	<i>Lactobacillus coryniformis</i>	GCA_002706425.1_ASM270642v1_genomic.fna
2604	<i>Leuconostoc gelidum</i>	GCA_000298875.1_ASM29887v1_genomic.fna
2605	<i>Xanthomonas perforans</i>	GCA_001908855.1_ASM190885v1_genomic.fna
2606	<i>Xanthomonas vesicatoria</i>	GCA_001908815.1_ASM190881v1_genomic.fna
2607	<i>Weissella cibaria</i>	GCA_001932695.1_ASM193269v1_genomic.fna
2608	<i>Prevotella dentalis</i>	GCA_000242335.3_ASM24233v3_genomic.fna
2609	<i>Enterobacter hormaechei</i>	GCA_000807405.4_ASM80740v4_genomic.fna
2610	<i>Rhodothermus marinus</i>	GCA_000224745.1_ASM22474v1_genomic.fna
2611	<i>Halomonas elongata</i>	GCA_000196875.1_ASM19687v1_genomic.fna
2612	<i>Pseudoxanthomonas suwonensis</i>	GCA_000185965.1_ASM18596v1_genomic.fna
2613	<i>Sphingobium yanoikuyae</i>	GCA_002504085.1_ASM250408v1_genomic.fna
2614	<i>Eubacterium limosum</i>	GCA_000152245.2_ASM15224v2_genomic.fna
2615	<i>Staphylococcus simulans</i>	GCA_002386185.1_ASM238618v1_genomic.fna

2616	<i>Mycoplasma hominis</i>	GCA_000767725.1_ASM76772v1_genomic.fna
2617	<i>Vibrio anguillarum</i>	GCA_000462975.1_ASM46297v1_genomic.fna
2618	<i>Vibrio scophthalmi</i>	GCA_001687805.1_ASM168780v1_genomic.fna
2619	<i>Aerococcus urinae</i>	GCA_000193205.1_ASM19320v1_genomic.fna
2620	<i>Cellulophaga lytica</i>	GCA_000750195.1_ASM75019v1_genomic.fna
2621	<i>Capnocytophaga canimorsus</i>	GCA_002302445.1_ASM230244v1_genomic.fna
2622	<i>Corynebacterium variabile</i>	GCA_000179395.2_ASM17939v2_genomic.fna
2623	<i>Pseudomonas fulva</i>	GCA_002688705.1_ASM268870v1_genomic.fna
2624	<i>Streptococcus parasanguinis</i>	GCA_000262145.1_ASM26214v1_genomic.fna
2625	<i>Brachyspira pilosicoli</i>	GCA_000143725.1_ASM14372v1_genomic.fna
2626	<i>Eggerthella lenta</i>	GCA_002148255.1_ASM214825v1_genomic.fna
2627	<i>Citrobacter freundii</i>	GCA_001022155.1_ASM102215v1_genomic.fna
2628	<i>Ketogulonicigenium vulgare</i>	GCA_000164885.1_ASM16488v1_genomic.fna
2629	<i>Taylorella equigenitalis</i>	GCA_000185745.1_ASM18574v1_genomic.fna
2630	<i>Mycoplasma putrefaciens</i>	GCA_000376625.1_ASM37662v1_genomic.fna
2631	<i>Streptococcus gallolyticus</i>	GCA_000027185.1_ASM2718v1_genomic.fna
2632	<i>Pantoea vagans</i>	GCA_001506165.1_ASM150616v1_genomic.fna
2633	<i>Odoribacter splanchnicus</i>	GCA_900187175.1_51342_A02_genomic.fna
2634	<i>Amycolatopsis mediterranei</i>	GCA_000220945.1_ASM22094v1_genomic.fna
2635	<i>Mycoplasma suis</i>	GCA_000203215.1_ASM20321v1_genomic.fna
2636	<i>Streptococcus anginosus</i>	GCA_000463465.1_ASM46346v1_genomic.fna
2637	<i>Pantoea ananatis</i>	GCA_000233595.1_ASM23359v1_genomic.fna
2638	<i>Streptococcus constellatus</i>	GCA_000463425.1_ASM46342v1_genomic.fna
2639	<i>Staphylococcus lugdunensis</i>	GCA_000270465.1_ASM27046v1_genomic.fna
2640	<i>Lactobacillus amylovorus</i>	GCA_000194115.1_ASM19411v1_genomic.fna
2641	<i>Riemerella anatipestifer</i>	GCA_000183155.1_ASM18315v1_genomic.fna
2642	<i>Acinetobacter pittii</i>	GCA_001577285.1_ASM157728v1_genomic.fna
2643	<i>Xanthomonas campestris</i>	GCA_001854165.1_ASM185416v1_genomic.fna
2644	<i>Mesorhizobium ciceri</i>	GCA_000185905.1_ASM18590v1_genomic.fna
2645	<i>Ralstonia eutropha</i>	GCA_000009285.2_ASM928v2_genomic.fna
2646	<i>Alicyclophilus denitrificans</i>	GCA_000179015.2_ASM17901v2_genomic.fna
2647	<i>Veillonella parvula</i>	GCA_002005185.1_ASM200518v1_genomic.fna
2648	<i>Enterobacter asburiae</i>	GCA_000632395.1_ASM63239v1_genomic.fna
2649	<i>Corynebacterium pseudotuberculosis</i>	GCA_000143705.1_ASM14370v1_genomic.fna

2650	<i>Parageobacillus thermoglucosidasius</i>	GCA_000178395.2_ASM17839v2_genomic.fna
2651	<i>Sulfobacillus acidophilus</i>	GCA_000237975.1_ASM23797v1_genomic.fna
2652	<i>Vibrio coralliilyticus</i>	GCA_000772065.1_ASM77206v1_genomic.fna
2653	<i>Pediococcus acidilactici</i>	GCA_001922325.1_ASM192232v1_genomic.fna
2654	<i>Vibrio mimicus</i>	GCA_001767355.1_ASM176735v1_genomic.fna
2655	<i>Vibrio fluvialis</i>	GCA_001952955.1_ASM195295v1_genomic.fna
2656	<i>Spirochaeta thermophila</i>	GCA_000147075.1_ASM14707v1_genomic.fna
2657	<i>Acinetobacter calcoaceticus</i>	GCA_900093475.1_36734_D01_2_genomic.fna
2658	<i>Corynebacterium ammoniagenes</i>	GCA_002005245.1_ASM200524v1_genomic.fna
2659	<i>Pseudomonas savastanoi</i>	GCA_000164015.3_ASM16401v3_genomic.fna
2660	<i>Xanthomonas fuscans</i>	GCA_001610795.1_ASM161079v1_genomic.fna
2661	<i>Acidovorax citrulli</i>	GCA_002441975.1_ASM244197v1_genomic.fna
2662	<i>Megamonas hypermegale</i>	GCA_900187035.1_50279_G02_genomic.fna
2663	<i>Achromobacter xylosoxidans</i>	GCA_000165835.1_ASM16583v1_genomic.fna
2664	<i>Streptococcus oralis</i>	GCA_001983955.1_ASM198395v1_genomic.fna
2665	<i>Acinetobacter nosocomialis</i>	GCA_002082665.1_ASM208266v1_genomic.fna
2666	<i>Klebsiella variicola</i>	GCA_000812205.2_ASM81220v2_genomic.fna
2667	<i>Bacillus atrophaeus</i>	GCA_000165925.1_ASM16592v1_genomic.fna
2668	<i>Erysipelothrix rhusiopathiae</i>	GCA_000404205.1_ASM40420v1_genomic.fna
2669	<i>Oxalobacter formigenes</i>	GCA_002127965.1_ASM212796v1_genomic.fna
2670	<i>Eikenella corrodens</i>	GCA_900187105.1_50618_F01_genomic.fna
2671	<i>Staphylococcus capitis</i>	GCA_002356175.1_ASM235617v1_genomic.fna
2672	<i>Helicobacter cinaedi</i>	GCA_000284635.1_ASM28463v1_genomic.fna
2673	<i>Blautia hansenii</i>	GCA_002222595.2_ASM222259v2_genomic.fna
2674	<i>Lactobacillus paracasei</i>	GCA_000829035.1_ASM82903v1_genomic.fna
2675	<i>Capnocytophaga sputigena</i>	GCA_002302495.1_ASM230249v1_genomic.fna
2676	<i>Weissella paramesenteroides</i>	GCA_002386265.1_ASM238626v1_genomic.fna
2677	<i>Bifidobacterium angulatum</i>	GCA_000966445.2_ASM96644v2_genomic.fna
2678	<i>Providencia alcalifaciens</i>	GCA_002393505.1_ASM239350v1_genomic.fna
2679	<i>Capnocytophaga gingivalis</i>	GCA_002302415.1_ASM230241v1_genomic.fna
2680	<i>Prevotella melaninogenica</i>	GCA_002208725.1_ASM220872v1_genomic.fna
2681	<i>Gardnerella vaginalis</i>	GCA_000159155.2_ASM15915v2_genomic.fna
2682	<i>Acidithiobacillus caldus</i>	GCA_000221025.1_ASM22102v1_genomic.fna
2683	<i>Staphylococcus carnosus</i>	GCA_001701005.1_ASM170100v1_genomic.fna

2684	<i>Aggregatibacter aphrophilus</i>	GCA_001188835.1_ASM118883v1_genomic.fna
2685	<i>Mycoplasma hyorhinis</i>	GCA_000145705.1_ASM14570v1_genomic.fna
2686	<i>Hydrogenobacter thermophilus</i>	GCA_000164905.1_ASM16490v1_genomic.fna
2687	<i>Thiomonas intermedia</i>	GCA_000092605.1_ASM9260v1_genomic.fna
2688	<i>Streptomyces hygroscopicus</i>	GCA_000340845.1_ASM34084v1_genomic.fna
2689	<i>Streptococcus intermedius</i>	GCA_000306805.1_ASM30680v1_genomic.fna
2690	<i>Hyphomicrobium denitrificans</i>	GCA_000230975.3_ASM23097v3_genomic.fna
2691	<i>Thermoanaerobacterium thermosaccharolyticum</i>	GCA_000328545.1_ASM32854v1_genomic.fna
2692	<i>Aggregatibacter actinomycetemcomitans</i>	GCA_000146265.4_ASM14626v4_genomic.fna
2693	<i>Rothia mucilaginosa</i>	GCA_001548235.1_ASM154823v1_genomic.fna
2694	<i>Dickeya zeae</i>	GCA_000816045.1_ASM81604v1_genomic.fna
2695	<i>Brachyspira hyodysenteriae</i>	GCA_000022105.1_ASM2210v1_genomic.fna
2696	<i>Pectobacterium carotovorum</i>	GCA_000294535.1_ASM29453v1_genomic.fna
2697	<i>Mycobacterium kansasii</i>	GCA_000831305.1_ASM83130v1_genomic.fna
2698	<i>Laribacter hongkongensis</i>	GCA_002215055.1_ASM221505v1_genomic.fna
2699	<i>Rhodococcus opacus</i>	GCA_000599545.1_ASM59954v1_genomic.fna
2700	<i>Alicyclobacillus acidocaldarius</i>	GCA_000219875.1_ASM21987v1_genomic.fna
2701	<i>Yersinia ruckeri</i>	GCA_000834255.1_ASM83425v1_genomic.fna
2702	<i>Borrelia hermsii</i>	GCA_000956315.1_ASM95631v1_genomic.fna
2703	<i>Strawberry lethal</i>	GCA_000397185.1_ASM39718v1_genomic.fna
2704	<i>Corynebacterium urealyticum</i>	GCA_000338095.1_ASM33809v1_genomic.fna
2705	<i>Butyrivibrio proteoclasticus</i>	GCA_000145035.1_ASM14503v1_genomic.fna
2706	<i>Lactobacillus buchneri</i>	GCA_000211375.1_ASM21137v1_genomic.fna
2707	<i>Oligotropha carboxidovorans</i>	GCA_000021365.1_ASM2136v1_genomic.fna
2708	<i>Escherichia albertii</i>	GCA_001549955.1_ASM154995v1_genomic.fna
2709	<i>Anoxybacillus flavithermus</i>	GCA_002197485.1_ASM219748v1_genomic.fna
2710	<i>Edwardsiella tarda</i>	GCA_000146305.1_ASM14630v1_genomic.fna
2711	<i>Sorangium cellulosum</i>	GCA_000418325.1_ASM41832v1_genomic.fna
2712	<i>Mycobacterium intracellulare</i>	GCA_000277145.1_ASM27714v1_genomic.fna
2713	<i>Myxococcus fulvus</i>	GCA_000988565.1_ASM98856v1_genomic.fna
2714	<i>Kocuria rhizophila</i>	GCA_002208685.1_ASM220868v1_genomic.fna
2715	<i>Arcobacter butzleri</i>	GCA_000215345.3_ASM21534v3_genomic.fna
2716	<i>Paenibacillus larvae</i>	GCA_000511405.1_ASM51140v1_genomic.fna
2717	<i>Mycoplasma haemofelis</i>	GCA_000200735.1_ASM20073v1_genomic.fna

2718	<i>Lactobacillus sakei</i>	GCA_000026065.1_ASM2606v1_genomic.fna
2719	<i>Idiomarina loihiensis</i>	GCA_000401175.1_ASM40117v1_genomic.fna
2720	<i>Mycoplasma synoviae</i>	GCA_000008245.1_ASM824v1_genomic.fna
2721	<i>Rickettsia typhi</i>	GCA_000277285.1_ASM27728v1_genomic.fna
2722	<i>Bdellovibrio bacteriovorus</i>	GCA_000196175.1_ASM19617v1_genomic.fna
2723	<i>Lactobacillus johnsonii</i>	GCA_000091405.1_ASM9140v1_genomic.fna
2724	<i>Rhodococcus erythropolis</i>	GCA_000010105.1_ASM1010v1_genomic.fna
2725	<i>Macrococcus caseolyticus</i>	GCA_002119825.1_ASM211982v1_genomic.fna
2726	<i>Akkermansia muciniphila</i>	GCA_001688765.2_ASM168876v2_genomic.fna
2727	<i>Clostridium butyricum</i>	GCA_001465175.1_ASM146517v1_genomic.fna
2728	<i>Flavobacterium psychrophilum</i>	GCA_000739395.1_ASM73939v1_genomic.fna
2729	<i>Lysinibacillus sphaericus</i>	GCA_001581875.1_ASM158187v1_genomic.fna
2730	<i>Methylobacterium populi</i>	GCA_002355515.1_ASM235551v1_genomic.fna
2731	<i>Burkholderia ubonensis</i>	GCA_001718355.1_ASM171835v1_genomic.fna
2732	<i>Geobacillus thermodenitrificans</i>	GCA_002072065.1_ASM207206v1_genomic.fna
2733	<i>Pseudomonas mendocina</i>	GCA_000204295.1_ASM20429v1_genomic.fna
2734	<i>Thermosiphon melanesiensis</i>	GCA_001941385.1_ASM194138v1_genomic.fna
2735	<i>Campylobacter concisus</i>	GCA_000017725.2_ASM1772v2_genomic.fna
2736	<i>Streptococcus iniae</i>	GCA_001885145.1_ASM188514v1_genomic.fna
2737	<i>Granulibacter bethesdensis</i>	GCA_000576085.2_ASM57608v2_genomic.fna
2738	<i>Pseudomonas stutzeri</i>	GCA_000219605.1_ASM21960v1_genomic.fna
2739	<i>Propionibacterium freudenreichii</i>	GCA_000091725.1_ASM9172v1_genomic.fna
2740	<i>Salinibacter ruber</i>	GCA_000090405.1_ASM9040v2_genomic.fna
2741	<i>Aeromonas hydrophila</i>	GCA_000401555.1_ASM40155v1_genomic.fna
2742	<i>Ramlibacter tataouinensis</i>	GCA_001580455.1_ASM158045v1_genomic.fna
2743	<i>Legionella longbeachae</i>	GCA_002073455.1_ASM207345v1_genomic.fna
2744	<i>Collimonas fungivorans</i>	GCA_001584145.1_ASM158414v1_genomic.fna
2745	<i>Flavobacterium johnsoniae</i>	GCA_001705175.1_ASM170517v1_genomic.fna
2746	<i>Paenibacillus polymyxa</i>	GCA_000146875.2_ASM14687v2_genomic.fna
2747	<i>Herbaspirillum seropedicae</i>	GCA_000143225.1_ASM14322v1_genomic.fna
2748	<i>Mycobacterium abscessus</i>	GCA_000277775.2_ASM27777v2_genomic.fna
2749	<i>Bacillus coagulans</i>	GCA_000169195.2_ASM16919v2_genomic.fna
2750	<i>Psychrobacter cryohalolentis</i>	GCA_002208765.1_ASM220876v1_genomic.fna
2751	<i>Erythrobacter litoralis</i>	GCA_001719165.1_ASM171916v1_genomic.fna

2752	<i>Bifidobacterium breve</i>	GCA_000213865.1_ASM21386v1_genomic.fna
2753	<i>Neisseria lactamica</i>	GCA_002022745.1_ASM202274v1_genomic.fna
2754	<i>Edwardsiella ictaluri</i>	GCA_002076875.1_ASM207687v1_genomic.fna
2755	<i>Pseudoalteromonas tunicata</i>	GCA_002310815.1_ASM231081v1_genomic.fna
2756	<i>Pseudoalteromonas atlantica</i>	GCA_002374815.1_ASM237481v1_genomic.fna
2757	<i>Listeria welshimeri</i>	GCA_900187315.1_52087_C01_genomic.fna
2758	<i>Listeria ivanovii</i>	GCA_000565155.1_ASM56515v1_genomic.fna
2759	<i>Mycoplasma fermentans</i>	GCA_000148625.1_ASM14862v1_genomic.fna
2760	<i>Moraxella catarrhalis</i>	GCA_000740455.1_ASM74045v1_genomic.fna
2761	<i>Xenorhabdus bovienii</i>	GCA_000973125.1_ASM97312v1_genomic.fna
2762	<i>Enterobacter cloacae</i>	GCA_000235765.3_ASM23576v3_genomic.fna
2763	<i>Wolbachia endosymbiont</i>	GCA_000376605.1_ASM37660v1_genomic.fna
2764	<i>Gluconobacter oxydans</i>	GCA_000311765.1_ASM31176v1_genomic.fna
2765	<i>Bacillus clausii</i>	GCA_000737305.2_ASM73730v2_genomic.fna
2766	<i>Lactobacillus salivarius</i>	GCA_000143435.1_ASM14343v1_genomic.fna
2767	<i>Marinobacter hydrocarbonoclasticus</i>	GCA_000015365.1_ASM1536v1_genomic.fna
2768	<i>Nocardia farcinica</i>	GCA_000009805.1_ASM980v1_genomic.fna
2769	<i>Rickettsia canadensis</i>	GCA_000283915.1_ASM28391v1_genomic.fna
2770	<i>Cronobacter sakazakii</i>	GCA_000017665.1_ASM1766v1_genomic.fna
2771	<i>Clostridium beijerinckii</i>	GCA_000016965.1_ASM1696v1_genomic.fna
2772	<i>Citrobacter koseri</i>	GCA_002393245.1_ASM239324v1_genomic.fna
2773	<i>Klebsiella oxytoca</i>	GCA_000714655.1_ASM71465v1_genomic.fna
2774	<i>Proteus mirabilis</i>	GCA_000444425.1_ASM44442v1_genomic.fna
2775	<i>Erwinia amylovora</i>	GCA_000027205.1_ASM2720v1_genomic.fna
2776	<i>Halobacteriovorax marinus</i>	GCA_002442875.1_ASM244287v1_genomic.fna
2777	<i>Mycoplasma bovis</i>	GCA_000219375.1_ASM21937v1_genomic.fna
2778	<i>Campylobacter lari</i>	GCA_000816225.1_ASM81622v1_genomic.fna
2779	<i>Campylobacter coli</i>	GCA_000465235.1_ASM46523v1_genomic.fna
2780	<i>Staphylococcus haemolyticus</i>	GCA_001611955.1_ASM161195v1_genomic.fna
2781	<i>Propionibacterium acnes</i>	GCA_000025765.1_ASM2576v1_genomic.fna
2782	<i>Burkholderia vietnamiensis</i>	GCA_001718495.1_ASM171849v1_genomic.fna
2783	<i>Mesoplasma florum</i>	GCA_000479355.1_ASM47935v1_genomic.fna
2784	<i>Moorella thermoacetica</i>	GCA_001267405.1_ASM126740v1_genomic.fna
2785	<i>Chromobacterium violaceum</i>	GCA_002735945.1_ASM273594v1_genomic.fna

2786	<i>Mycoplasma gallisepticum</i>	GCA_000025365.1_ASM2536v1_genomic.fna
2787	<i>Serratia marcescens</i>	GCA_000330865.1_ASM33086v1_genomic.fna
2788	<i>Brevibacterium linens</i>	GCA_001729525.1_ASM172952v1_genomic.fna
2789	<i>Pediococcus pentosaceus</i>	GCA_000496265.1_ASM49626v1_genomic.fna
2790	<i>Lactobacillus brevis</i>	GCA_000359625.1_ASM35962v1_genomic.fna
2791	<i>Mannheimia haemolytica</i>	GCA_000349765.2_ASM34976v2_genomic.fna
2792	<i>Bartonella henselae</i>	GCA_000612765.1_PRJEB5998_assembly_1_genomic.fna
2793	<i>Lawsonia intracellularis</i>	GCA_000331715.1_ASM33171v1_genomic.fna
2794	<i>Lactobacillus acidophilus</i>	GCA_000389675.2_ASM38967v2_genomic.fna
2795	<i>Clostridium tetani</i>	GCA_000967115.1_CT1_genomic.fna
2796	<i>Bacteroides thetaiotaomicron</i>	GCA_001314975.1_ASM131497v1_genomic.fna
2797	<i>Chlamydia abortus</i>	GCA_000952935.1_CAAB7_genomic.fna
2798	<i>Pectobacterium atrosepticum</i>	GCA_000696465.1_ASM69646v1_genomic.fna
2799	<i>Salmonella bongori</i>	GCA_000439255.1_ASM43925v1_genomic.fna
2800	<i>Anaplasma phagocytophilum</i>	GCA_000439755.1_ASM43975v1_genomic.fna
2801	<i>Lactobacillus plantarum</i>	GCA_000023085.1_ASM2308v1_genomic.fna
2802	<i>Leuconostoc mesenteroides</i>	GCA_000234825.3_ASM23482v3_genomic.fna
2803	<i>Wigglesworthia glossinidia</i>	GCA_000247565.1_ASM24756v1_genomic.fna
2804	<i>Paraburkholderia xenovorans</i>	GCA_000756045.1_ASM75604v1_genomic.fna
2805	<i>Chlamydia muridarum</i>	GCA_000709455.1_ASM70945v1_genomic.fna
2806	<i>Dehalococcoides mccartyi</i>	GCA_000830885.1_ASM83088v1_genomic.fna
2807	<i>Geobacter sulfurreducens</i>	GCA_000210155.1_ASM21015v1_genomic.fna
2808	<i>Yersinia enterocolitica</i>	GCA_000192105.1_ASM19210v1_genomic.fna
2809	<i>Thermotoga maritima</i>	GCA_000230655.3_ASM23065v3_genomic.fna
2810	<i>Mycoplasma pneumoniae</i>	GCA_000143945.1_ASM14394v1_genomic.fna
2811	<i>Mycobacterium smegmatis</i>	GCA_000283295.1_ASM28329v1_genomic.fna
2812	<i>Corynebacterium diphtheriae</i>	GCA_000195815.1_ASM19581v1_genomic.fna
2813	<i>Lactobacillus gasseri</i>	GCA_002158885.1_ASM215888v1_genomic.fna
2814	<i>Streptococcus gordonii</i>	GCA_000970665.2_ASM97066v2_genomic.fna
2815	<i>Clostridium acetobutylicum</i>	GCA_000191905.1_ASM19190v1_genomic.fna
2816	<i>Deinococcus radiodurans</i>	GCA_001638825.1_ASM163882v1_genomic.fna
2817	<i>Rhodospirillum rubrum</i>	GCA_000225955.1_ASM22595v1_genomic.fna
2818	<i>Acidithiobacillus ferrooxidans</i>	GCA_000020825.1_ASM2082v1_genomic.fna
2819	<i>Haemophilus ducreyi</i>	GCA_001647655.1_ASM164765v1_genomic.fna

2820	<i>Bordetella pertussis</i>	GCA_000193595.3_ASM19359v3_genomic.fna
2821	<i>Bordetella parapertussis</i>	GCA_000195695.1_ASM19569v1_genomic.fna
2822	<i>Azotobacter vinelandii</i>	GCA_000021045.1_ASM2104v1_genomic.fna
2823	<i>Mesorhizobium loti</i>	GCA_001676765.1_ASM167676v1_genomic.fna
2824	<i>Bordetella bronchiseptica</i>	GCA_000195675.1_ASM19567v1_genomic.fna
2825	<i>Sinorhizobium meliloti</i>	GCA_000147775.3_ASM14777v3_genomic.fna
2826	<i>Clostridium bolteae</i>	GCA_002234575.2_ASM223457v2_genomic.fna
2827	<i>Collinsella aerofaciens</i>	GCA_002736145.1_ASM273614v1_genomic.fna
2828	<i>Bacteroides ovatus</i>	GCA_900095495.1_B_ovatus_V975_genomic.fna
2829	<i>Eubacterium hallii</i>	GCA_900209925.1_EH1_genomic.fna
2830	<i>Providencia stuartii</i>	GCA_000754345.1_ASM75434v1_genomic.fna
2831	<i>Clostridium sporogenes</i>	GCA_001020205.1_ASM102020v1_genomic.fna
2832	<i>Streptococcus infantarius</i>	GCA_001477615.1_ASM147761v1_genomic.fna
2833	<i>Burkholderia glumae</i>	GCA_000835205.1_ASM83520v1_genomic.fna
2834	<i>Bacillus megaterium</i>	GCA_000832985.1_ASM83298v1_genomic.fna
2835	<i>Brucella melitensis</i>	GCA_000022625.1_ASM2262v1_genomic.fna
2836	<i>Caulobacter crescentus</i>	GCA_000022005.1_ASM2200v1_genomic.fna
2837	<i>Enterococcus gallinarum</i>	GCA_002393265.1_ASM239326v1_genomic.fna
2838	<i>Brucella pinnipedialis</i>	GCA_000740275.1_ASM74027v1_genomic.fna
2839	<i>Fibrobacter succinogenes</i>	GCA_000024665.1_ASM2466v1_genomic.fna
2840	<i>Francisella philomiragia</i>	GCA_000833195.1_ASM83319v1_genomic.fna
2841	<i>Pasteurella multocida</i>	GCA_000006825.1_ASM682v1_genomic.fna
2842	<i>Lactobacillus rhamnosus</i>	GCA_000011045.1_ASM1104v1_genomic.fna
2843	<i>Francisella tularensis</i>	GCA_001880205.1_ASM188020v1_genomic.fna
2844	<i>Acetobacter pasteurianus</i>	GCA_000010825.1_ASM1082v1_genomic.fna
2845	<i>Mycobacterium leprae</i>	GCA_000026685.1_ASM2668v1_genomic.fna
2846	<i>Haemophilus parasuis</i>	GCA_000740985.1_ASM74098v1_genomic.fna
2847	<i>Streptococcus equi</i>	GCA_000020765.1_ASM2076v1_genomic.fna
2848	<i>Zymomonas mobilis</i>	GCA_000175255.2_ASM17525v2_genomic.fna
2849	<i>Bifidobacterium bifidum</i>	GCA_000164965.1_ASM16496v1_genomic.fna
2850	<i>Stenotrophomonas maltophilia</i>	GCA_000020665.1_ASM2066v1_genomic.fna
2851	<i>Alteromonas macleodii</i>	GCA_000299955.1_ASM29995v1_genomic.fna
2852	<i>Yersinia frederiksenii</i>	GCA_002591095.1_ASM259109v1_genomic.fna
2853	<i>Bacillus mycoides</i>	GCA_000018825.1_ASM1882v1_genomic.fna

2854	<i>Neisseria gonorrhoeae</i>	GCA_000020105.1_ASM2010v1_genomic.fna
2855	<i>Enterococcus faecium</i>	GCA_000250945.1_ASM25094v1_genomic.fna
2856	<i>Comamonas testosteroni</i>	GCA_000093145.2_ASM9314v2_genomic.fna
2857	<i>Streptococcus mutans</i>	GCA_000091645.1_ASM9164v1_genomic.fna
2858	<i>Bifidobacterium animalis</i>	GCA_000021425.1_ASM2142v1_genomic.fna
2859	<i>Bacillus amyloliquefaciens</i>	GCA_000195515.1_ASM19551v1_genomic.fna
2860	<i>Chlamydia psittaci</i>	GCA_000191925.1_ASM19192v1_genomic.fna
2861	<i>Borrelia garinii</i>	GCA_000239475.1_ASM23947v1_genomic.fna
2862	<i>Bartonella tribocorum</i>	GCA_000689355.1_PRJEB5999_assembly_1_genomic.fna
2863	<i>Ruminiclostridium thermocellum</i>	GCA_000184925.1_ASM18492v1_genomic.fna
2864	<i>Rhizobium etli</i>	GCA_000020265.1_ASM2026v1_genomic.fna
2865	<i>Streptococcus dysgalactiae</i>	GCA_000010705.1_ASM1070v1_genomic.fna
2866	<i>Gluconacetobacter diazotrophicus</i>	GCA_000067045.1_ASM6704v1_genomic.fna
2867	<i>Microcystis aeruginosa</i>	GCA_000981785.1_ASM98178v1_genomic.fna
2868	<i>Bradyrhizobium japonicum</i>	GCA_000807315.1_ASM80731v1_genomic.fna
2869	<i>Bifidobacterium dentium</i>	GCA_000024445.1_ASM2444v1_genomic.fna
2870	<i>Brucella suis</i>	GCA_000018905.1_ASM1890v1_genomic.fna
2871	<i>Burkholderia ambifaria</i>	GCA_000203915.1_ASM20391v1_genomic.fna
2872	<i>Mycobacterium marinum</i>	GCA_000018345.1_ASM1834v1_genomic.fna
2873	<i>Leptospira biflexa</i>	GCA_000017605.1_ASM1760v1_genomic.fna
2874	<i>Brucella canis</i>	GCA_000238195.1_ASM23819v1_genomic.fna
2875	<i>Anaeromyxobacter dehalogenans</i>	GCA_000013385.1_ASM1338v1_genomic.fna
2876	<i>Clavibacter michiganensis</i>	GCA_000063485.1_ASM6348v1_genomic.fna
2877	<i>Borrelia burgdorferi</i>	GCA_000021405.1_ASM2140v1_genomic.fna
2878	<i>Rhizobium leguminosarum</i>	GCA_000517605.1_ASM51760v1_genomic.fna
2879	<i>Klebsiella pneumoniae</i>	GCA_000009885.1_ASM988v1_genomic.fna
2880	<i>Rickettsia prowazekii</i>	GCA_000022785.1_ASM2278v1_genomic.fna
2881	<i>Ochrobactrum anthropi</i>	GCA_000742955.1_ASM74295v1_genomic.fna
2882	<i>Burkholderia multivorans</i>	GCA_000018505.1_ASM1850v1_genomic.fna
2883	<i>Clostridium botulinum</i>	GCA_000020165.1_ASM2016v1_genomic.fna
2884	<i>Burkholderia oklahomensis</i>	GCA_000959365.1_ASM95936v1_genomic.fna
2885	<i>Phaeobacter gallaeciensis</i>	GCA_001678945.1_ASM167894v1_genomic.fna
2886	<i>Mycoplasma mycoides</i>	GCA_000023165.1_ASM2316v1_genomic.fna
2887	<i>Burkholderia thailandensis</i>	GCA_000385525.1_ASM38552v1_genomic.fna

2888	<i>Ureaplasma parvum</i>	GCA_000006625.1_ASM662v1_genomic.fna
2889	<i>Porphyromonas gingivalis</i>	GCA_000007585.1_ASM758v1_genomic.fna
2890	<i>Clostridium kluyveri</i>	GCA_000010265.1_ASM1026v1_genomic.fna
2891	<i>Orientia tsutsugamushi</i>	GCA_000010205.1_ASM1020v1_genomic.fna
2892	<i>Lactobacillus fermentum</i>	GCA_000210515.1_ASM21051v1_genomic.fna
2893	<i>Methylobacterium extorquens</i>	GCA_000021845.1_ASM2184v1_genomic.fna
2894	<i>Lactococcus garvieae</i>	GCA_000269945.1_ASM26994v1_genomic.fna
2895	<i>Vibrio parahaemolyticus</i>	GCA_000328405.1_ASM32840v1_genomic.fna
2896	<i>Vibrio harveyi</i>	GCA_001558435.1_ASM155843v1_genomic.fna
2897	<i>Borrelia afzelii</i>	GCA_000222835.1_ASM22283v1_genomic.fna
2898	<i>Photobacterium damsela</i>	GCA_002356235.1_ASM235623v1_genomic.fna
2899	<i>Faecalibacterium prausnitzii</i>	GCA_002586945.1_ASM258694v1_genomic.fna
2900	<i>Bifidobacterium adolescentis</i>	GCA_000737885.1_ASM73788v1_genomic.fna
2901	<i>Rickettsia rickettsii</i>	GCA_000018225.1_ASM1822v1_genomic.fna
2902	<i>Geobacillus stearothermophilus</i>	GCA_002300135.1_ASM230013v1_genomic.fna
2903	<i>Lactobacillus helveticus</i>	GCA_000015385.1_ASM1538v1_genomic.fna
2904	<i>Ralstonia pickettii</i>	GCA_000023425.1_ASM2342v1_genomic.fna
2905	<i>Rickettsia bellii</i>	GCA_000018245.1_ASM1824v1_genomic.fna
2906	<i>Desulfovibrio vulgaris</i>	GCA_000195755.1_ASM19575v1_genomic.fna
2907	<i>Bacillus subtilis</i>	GCA_000146565.1_ASM14656v1_genomic.fna
2908	<i>Lactobacillus casei</i>	GCA_000026485.1_ASM2648v1_genomic.fna
2909	<i>Coxiella burnetii</i>	GCA_000017105.1_ASM1710v1_genomic.fna
2910	<i>Desulfotobacterium hafniense</i>	GCA_000010045.1_ASM1004v1_genomic.fna
2911	<i>Aeromonas salmonicida</i>	GCA_002214245.1_ASM221424v1_genomic.fna
2912	<i>Clostridioides difficile</i>	GCA_000085225.1_ASM8522v1_genomic.fna
2913	<i>Xanthomonas oryzae</i>	GCA_000010025.1_ASM1002v1_genomic.fna
2914	<i>Streptococcus mitis</i>	GCA_001281025.1_ASM128102v1_genomic.fna
2915	<i>Xanthomonas axonopodis</i>	GCA_000007165.1_ASM716v1_genomic.fna
2916	<i>Mycoplasma capricolum</i>	GCA_000192395.2_ASM19239v2_genomic.fna
2917	<i>Brucella abortus</i>	GCA_000018725.1_ASM1872v1_genomic.fna
2918	<i>Leptospira borgpetersenii</i>	GCA_000013965.1_ASM1396v1_genomic.fna
2919	<i>Lactobacillus delbrueckii</i>	GCA_000014405.1_ASM1440v1_genomic.fna
2920	<i>Mycoplasma agalactiae</i>	GCA_000089865.1_ASM8986v1_genomic.fna
2921	<i>Francisella tularensis</i>	GCA_000009245.1_ASM924v1_genomic.fna

2922	<i>Yersinia pseudotuberculosis</i>	GCA_000019465.1_ASM1946v1_genomic.fna
2923	<i>Rhodopseudomonas palustris</i>	GCA_000013745.1_ASM1374v1_genomic.fna
2924	<i>Streptococcus salivarius</i>	GCA_000253315.1_ASM25331v1_genomic.fna
2925	<i>Vibrio cholerae</i>	GCA_000016245.1_ASM1624v1_genomic.fna
2926	<i>Mycobacterium ulcerans</i>	GCA_002355775.1_ASM235577v1_genomic.fna
2927	<i>Shigella boydii</i>	GCA_000020185.1_ASM2018v1_genomic.fna
2928	<i>Ralstonia solanacearum</i>	GCA_000215325.1_ASM21532v1_genomic.fna
2929	<i>Corynebacterium jeikeium</i>	GCA_002209185.1_ASM220918v1_genomic.fna
2930	<i>Bacillus thuringiensis</i>	GCA_000497525.2_ASM49752v2_genomic.fna
2931	<i>Ehrlichia chaffeensis</i>	GCA_000632815.1_ASM63281v1_genomic.fna
2932	<i>Burkholderia mallei</i>	GCA_000015465.1_ASM1546v1_genomic.fna
2933	<i>Burkholderia pseudomallei</i>	GCA_000012785.1_ASM1278v1_genomic.fna
2934	<i>Burkholderia cenocepacia</i>	GCA_000014085.1_ASM1408v1_genomic.fna
2935	<i>Mycoplasma genitalium</i>	GCA_000292405.1_ASM29240v1_genomic.fna
2936	<i>Chlamydia trachomatis</i>	GCA_000068585.1_ASM6858v1_genomic.fna
2937	<i>Corynebacterium glutamicum</i>	GCA_000010225.1_ASM1022v1_genomic.fna
2938	<i>Thermus thermophilus</i>	GCA_000008125.1_ASM812v1_genomic.fna
2939	<i>Bacillus pumilus</i>	GCA_000017885.4_ASM1788v4_genomic.fna
2940	<i>Lactobacillus reuteri</i>	GCA_000010005.1_ASM1000v1_genomic.fna
2941	<i>Ehrlichia ruminantium</i>	GCA_000050405.1_ASM5040v1_genomic.fna
2942	<i>Synechococcus elongatus</i>	GCA_000012525.1_ASM1252v1_genomic.fna
2943	<i>Shewanella putrefaciens</i>	GCA_000169215.2_ASM16921v2_genomic.fna
2944	<i>Shewanella baltica</i>	GCA_000015845.1_ASM1584v1_genomic.fna
2945	<i>Streptococcus thermophilus</i>	GCA_000011825.1_ASM1182v1_genomic.fna
2946	<i>Shigella sonnei</i>	GCA_000283715.1_ASM28371v1_genomic.fna
2947	<i>Legionella pneumophila</i>	GCA_000048645.1_ASM4864v1_genomic.fna
2948	<i>Bacteroides fragilis</i>	GCA_000025985.1_ASM2598v1_genomic.fna
2949	<i>Bacillus licheniformis</i>	GCA_000008425.1_ASM842v1_genomic.fna
2950	<i>Anaplasma marginale</i>	GCA_000011945.1_ASM1194v1_genomic.fna
2951	<i>Acinetobacter baumannii</i>	GCA_000018445.1_ASM1844v1_genomic.fna
2952	<i>Chlorobium phaeobacteroides</i>	GCA_000020545.1_ASM2054v1_genomic.fna
2953	<i>Streptococcus suis</i>	GCA_000018185.1_ASM1818v1_genomic.fna
2954	<i>Mycoplasma hyopneumoniae</i>	GCA_000008225.1_ASM822v1_genomic.fna
2955	<i>Vibrio vulnificus</i>	GCA_000009745.1_ASM974v1_genomic.fna

2956	<i>Pseudomonas aeruginosa</i>	GCA_000014625.1_ASM1462v1_genomic.fna
2957	<i>Streptococcus agalactiae</i>	GCA_000012705.1_ASM1270v1_genomic.fna
2958	<i>Haemophilus somnus</i>	GCA_000011785.1_ASM1178v1_genomic.fna
2959	<i>Bifidobacterium longum</i>	GCA_000008945.1_ASM894v1_genomic.fna
2960	<i>Shigella flexneri</i>	GCA_000007405.1_ASM740v1_genomic.fna
2961	<i>Bacillus anthracis</i>	GCA_000008165.1_ASM816v1_genomic.fna
2962	<i>Pseudomonas syringae</i>	GCA_000344335.2_ASM34433v2_genomic.fna
2963	<i>Fusobacterium nucleatum</i>	GCA_000158275.2_ASM15827v2_genomic.fna
2964	<i>Leptospira interrogans</i>	GCA_000007685.1_ASM768v1_genomic.fna
2965	<i>Agrobacterium tumefaciens</i>	GCA_000971565.1_ASM97156v1_genomic.fna
2966	<i>Streptococcus pneumoniae</i>	GCA_000006885.1_ASM688v1_genomic.fna
2967	<i>Streptococcus pyogenes</i>	GCA_000007285.1_ASM728v1_genomic.fna
2968	<i>Pseudomonas putida</i>	GCA_000007565.2_ASM756v2_genomic.fna
2969	<i>Xylella fastidiosa</i>	GCA_000007245.1_ASM724v1_genomic.fna
2970	<i>Neisseria meningitidis</i>	GCA_000009105.1_ASM910v1_genomic.fna
2971	<i>Buchnera aphidicola</i>	GCA_000007725.1_ASM772v1_genomic.fna
2972	<i>Chlamydophila pneumoniae</i>	GCA_000007205.1_ASM720v1_genomic.fna
2973	<i>Helicobacter pylori</i>	GCA_000008785.1_ASM878v1_genomic.fna
2974	<i>Escherichia coli</i>	GCA_000026345.1_ASM2634v1_genomic.fna
2975	<i>Haemophilus influenzae</i>	GCA_000012185.1_ASM1218v1_genomic.fna
2976	<i>Prochlorococcus marinus</i>	GCA_000011465.1_ASM1146v1_genomic.fna
2977	<i>Actinobacillus pleuropneumoniae</i>	GCA_000016685.1_ASM1668v1_genomic.fna
2978	<i>Tropheryma whippelii</i>	GCA_000196075.1_ASM19607v1_genomic.fna
2979	<i>Mycobacterium bovis</i>	GCA_000009445.1_ASM944v1_genomic.fna
2980	<i>Mycobacterium tuberculosis</i>	GCA_000008585.1_ASM858v1_genomic.fna
2981	<i>Clostridium perfringens</i>	GCA_000009685.1_ASM968v1_genomic.fna
2982	<i>Bacillus cereus</i>	GCA_000008005.1_ASM800v1_genomic.fna
2983	<i>Listeria monocytogenes</i>	GCA_000008285.1_ASM828v1_genomic.fna
2984	<i>Lactococcus lactis</i>	GCA_000009425.1_ASM942v1_genomic.fna
2985	<i>Staphylococcus epidermidis</i>	GCA_000011925.1_ASM1192v1_genomic.fna
2986	<i>Staphylococcus aureus</i>	GCA_000009005.1_ASM900v1_genomic.fna
2987	<i>Yersinia pestis</i>	GCA_000006645.1_ASM664v1_genomic.fna
2988	<i>Xanthomonas campestris</i>	GCA_000012105.1_ASM1210v1_genomic.fna
2989	<i>Pseudomonas fluorescens</i>	GCA_000009225.1_ASM922v1_genomic.fna

2990	<i>Salmonella enterica</i>	GCA_000006945.2_ASM694v2_genomic.fna
2991	<i>Salmonella enterica</i>	GCA_000007545.1_ASM754v1_genomic.fna
2992	<i>Staphylococcus aureus</i>	GCA_000009585.1_ASM958v1_genomic.fna
2993	<i>Pseudomonas fluorescens</i>	GCA_000012445.1_ASM1244v1_genomic.fna
2994	<i>Xanthomonas campestris</i>	GCA_000070605.1_ASM7060v1_genomic.fna
2995	<i>Campylobacter jejuni</i>	GCA_000011865.1_ASM1186v1_genomic.fna
2996	<i>Yersinia pestis</i>	GCA_000007885.1_ASM788v1_genomic.fna
2997	<i>Staphylococcus epidermidis</i>	GCA_000751035.1_PM221_genomic.fna
2998	<i>Lactococcus lactis</i>	GCA_000014545.1_ASM1454v1_genomic.fna
2999	<i>Listeria monocytogenes</i>	GCA_000021185.1_ASM2118v1_genomic.fna
3000	<i>Bacillus cereus</i>	GCA_000011625.1_ASM1162v1_genomic.fna
3001	<i>Clostridium perfringens</i>	GCA_000013845.2_ASM1384v2_genomic.fna
3002	<i>Mycobacterium tuberculosis</i>	GCA_000016145.1_ASM1614v1_genomic.fna
3003	<i>Mycobacterium bovis</i>	GCA_000010685.1_ASM1068v1_genomic.fna
3004	<i>Mycobacterium avium</i>	GCA_000014985.1_ASM1498v1_genomic.fna
3005	<i>Actinobacillus pleuropneumoniae</i>	GCA_000020405.1_ASM2040v1_genomic.fna
3006	<i>Prochlorococcus marinus</i>	GCA_000011485.1_ASM1148v1_genomic.fna
3007	<i>Haemophilus influenzae</i>	GCA_000165525.1_ASM16552v1_genomic.fna
3008	<i>Escherichia coli</i>	GCA_000005845.2_ASM584v2_genomic.fna
3009	<i>Chlamydomonas pneumoniae</i>	GCA_000011165.1_ASM1116v1_genomic.fna
3010	<i>Buchnera aphidicola</i>	GCA_000009605.1_ASM960v1_genomic.fna
3011	<i>Helicobacter pylori</i>	GCA_000011725.1_ASM1172v1_genomic.fna
3012	<i>Neisseria meningitidis</i>	GCA_000009465.1_ASM946v1_genomic.fna
3013	<i>Xylella fastidiosa</i>	GCA_000019325.1_ASM1932v1_genomic.fna
3014	<i>Pseudomonas putida</i>	GCA_000016865.1_ASM1686v1_genomic.fna
3015	<i>Streptococcus pyogenes</i>	GCA_000007425.1_ASM742v1_genomic.fna
3016	<i>Streptococcus pneumoniae</i>	GCA_000014365.1_ASM1436v1_genomic.fna
3017	<i>Agrobacterium tumefaciens</i>	GCA_001551895.1_ASM155189v1_genomic.fna
3018	<i>Leptospira interrogans</i>	GCA_000231175.1_ASM23117v1_genomic.fna
3019	<i>Fusobacterium nucleatum</i>	GCA_000162235.2_ASM16223v2_genomic.fna
3020	<i>Streptococcus agalactiae</i>	GCA_000196055.1_ASM19605v1_genomic.fna
3021	<i>Bacillus anthracis</i>	GCA_000008445.1_ASM844v1_genomic.fna
3022	<i>Shigella flexneri</i>	GCA_000013585.1_ASM1358v1_genomic.fna
3023	<i>Bifidobacterium longum</i>	GCA_000020425.1_ASM2042v1_genomic.fna

3024	<i>Histophilus somni</i>	GCA_002162175.1_ASM216217v1_genomic.fna
3025	<i>Pseudomonas syringae</i>	GCA_000344355.2_ASM34435v2_genomic.fna
3026	<i>Pseudomonas aeruginosa</i>	GCA_000017205.1_ASM1720v1_genomic.fna
3027	<i>Vibrio vulnificus</i>	GCA_000039765.1_ASM3976v1_genomic.fna
3028	<i>Mycoplasma hyopneumoniae</i>	GCA_000008405.1_ASM840v1_genomic.fna
3029	<i>Streptococcus suis</i>	GCA_000026725.1_ASM2672v1_genomic.fna
3030	<i>Acinetobacter baumannii</i>	GCA_000021145.1_ASM2114v1_genomic.fna
3031	<i>Bacillus licheniformis</i>	GCA_001596055.1_ASM159605v1_genomic.fna
3032	<i>Bacteroides fragilis</i>	GCA_000210835.1_ASM21083v1_genomic.fna
3033	<i>Legionella pneumophila</i>	GCA_000048665.1_ASM4866v1_genomic.fna
3034	<i>Streptococcus thermophilus</i>	GCA_000011845.1_ASM1184v1_genomic.fna
3035	<i>Shewanella baltica</i>	GCA_000017325.1_ASM1732v1_genomic.fna
3036	<i>Ehrlichia ruminantium</i>	GCA_000050425.1_ASM5042v1_genomic.fna
3037	<i>Lactobacillus reuteri</i>	GCA_000159455.2_ASM15945v2_genomic.fna
3038	<i>Bacillus pumilus</i>	GCA_000590455.1_ASM59045v1_genomic.fna
3039	<i>Thermus thermophilus</i>	GCA_000214845.1_ASM21484v1_genomic.fna
3040	<i>Corynebacterium glutamicum</i>	GCA_000196335.1_ASM19633v1_genomic.fna
3041	<i>Mycoplasma genitalium</i>	GCA_000292445.1_ASM29244v1_genomic.fna
3042	<i>Chlamydia trachomatis</i>	GCA_000012125.1_ASM1212v1_genomic.fna
3043	<i>Burkholderia cenocepacia</i>	GCA_000019505.1_ASM1950v1_genomic.fna
3044	<i>Shigella sonnei</i>	GCA_001518855.1_ASM151885v1_genomic.fna
3045	<i>Burkholderia pseudomallei</i>	GCA_000015905.1_ASM1590v1_genomic.fna
3046	<i>Burkholderia mallei</i>	GCA_000015605.1_ASM1560v1_genomic.fna
3047	<i>Ehrlichia chaffeensis</i>	GCA_000632865.1_ASM63286v1_genomic.fna
3048	<i>Ralstonia solanacearum</i>	GCA_000283475.1_ASM28347v1_genomic.fna
3049	<i>Bacillus thuringiensis</i>	GCA_000015065.1_ASM1506v1_genomic.fna
3050	<i>Shigella boydii</i>	GCA_001027225.1_ASM102722v1_genomic.fna
3051	<i>Vibrio cholerae</i>	GCA_000021605.1_ASM2160v1_genomic.fna
3052	<i>Streptococcus salivarius</i>	GCA_000253335.1_ASM25333v1_genomic.fna
3053	<i>Rhodopseudomonas palustris</i>	GCA_000014825.1_ASM1482v1_genomic.fna
3054	<i>Rhodobacter sphaeroides</i>	GCA_000015985.1_ASM1598v1_genomic.fna
3055	<i>Yersinia pseudotuberculosis</i>	GCA_000020085.1_ASM2008v1_genomic.fna
3056	<i>Francisella tularensis</i>	GCA_000009325.1_ASM932v1_genomic.fna
3057	<i>Brucella abortus</i>	GCA_000054005.1_ASM5400v1_genomic.fna

3058	<i>Lactobacillus delbrueckii</i>	GCA_000182835.1_ASM18283v1_genomic.fna
3059	<i>Leptospira borgpetersenii</i>	GCA_001444465.1_ASM144446v1_genomic.fna
3060	<i>Mycoplasma capricolum</i>	GCA_000835085.1_ASM83508v1_genomic.fna
3061	<i>Bartonella bacilliformis</i>	GCA_001559035.1_ASM155903v1_genomic.fna
3062	<i>Xanthomonas citri</i>	GCA_000349225.1_ASM34922v1_genomic.fna
3063	<i>Campylobacter fetus</i>	GCA_000015085.1_ASM1508v1_genomic.fna
3064	<i>Streptococcus mitis</i>	GCA_001560895.1_ASM156089v1_genomic.fna
3065	<i>Xanthomonas oryzae</i>	GCA_000168315.3_ASM16831v3_genomic.fna
3066	<i>Clostridioides difficile</i>	GCA_000210435.1_ASM21043v1_genomic.fna
3067	<i>Aeromonas salmonicida</i>	GCA_002214265.1_ASM221426v1_genomic.fna
3068	<i>Coxiella burnetii</i>	GCA_000018745.1_ASM1874v1_genomic.fna
3069	<i>Lactobacillus casei</i>	GCA_000194765.1_ASM19476v1_genomic.fna
3070	<i>Bacillus subtilis</i>	GCA_000186745.1_ASM18674v1_genomic.fna
3071	<i>Desulfovibrio vulgaris</i>	GCA_000015485.1_ASM1548v1_genomic.fna
3072	<i>Rickettsia bellii</i>	GCA_002078315.1_ASM207831v1_genomic.fna
3073	<i>Ralstonia pickettii</i>	GCA_002393485.1_ASM239348v1_genomic.fna
3074	<i>Lactobacillus helveticus</i>	GCA_000165775.3_ASM16577v3_genomic.fna
3075	<i>Rickettsia rickettsii</i>	GCA_000283775.1_ASM28377v1_genomic.fna
3076	<i>Bifidobacterium adolescentis</i>	GCA_000817995.1_ASM81799v1_genomic.fna
3077	<i>Borrelia afzelii</i>	GCA_000741005.1_ASM74100v1_genomic.fna
3078	<i>Vibrio harveyi</i>	GCA_001908435.2_ASM190843v2_genomic.fna
3079	<i>Methylobacterium extorquens</i>	GCA_000022685.1_ASM2268v1_genomic.fna
3080	<i>Lactococcus garvieae</i>	GCA_002355575.1_ASM235557v1_genomic.fna
3081	<i>Vibrio parahaemolyticus</i>	GCA_000430405.1_ASM43040v1_genomic.fna
3082	<i>Lactobacillus fermentum</i>	GCA_000397165.1_ASM39716v1_genomic.fna
3083	<i>Clostridium kluyveri</i>	GCA_001902295.1_ASM190229v1_genomic.fna
3084	<i>Porphyromonas gingivalis</i>	GCA_000270225.1_ASM27022v1_genomic.fna
3085	<i>Burkholderia thailandensis</i>	GCA_000567905.1_ASM56790v1_genomic.fna
3086	<i>Mycoplasma mycoides</i>	GCA_000023685.1_ASM2368v1_genomic.fna
3087	<i>Phaeobacter gallaeciensis</i>	GCA_002381285.1_ASM238128v1_genomic.fna
3088	<i>Ureaplasma parvum</i>	GCA_000828735.1_ASM82873v1_genomic.fna
3089	<i>Clostridium botulinum</i>	GCA_000063585.1_ASM6358v1_genomic.fna
3090	<i>Burkholderia multivorans</i>	GCA_000756005.1_ASM75600v1_genomic.fna
3091	<i>Rickettsia prowazekii</i>	GCA_000277165.1_ASM27716v1_genomic.fna

3092	<i>Klebsiella pneumoniae</i>	GCA_000016305.1_ASM1630v1_genomic.fna
3093	<i>Borrelia burgdorferi</i>	GCA_000166635.2_ASM16663v1_genomic.fna
3094	<i>Brucella canis</i>	GCA_000691585.1_ASM69158v1_genomic.fna
3095	<i>Clavibacter michiganensis</i>	GCA_000355695.1_ASM35569v1_genomic.fna
3096	<i>Brucella suis</i>	GCA_000223195.1_ASM22319v1_genomic.fna
3097	<i>Burkholderia ambifaria</i>	GCA_000959545.1_ASM95954v1_genomic.fna
3098	<i>Enterococcus faecalis</i>	GCA_000172575.2_ASM17257v2_genomic.fna
3099	<i>Bradyrhizobium japonicum</i>	GCA_001887695.1_ASM188769v1_genomic.fna
3100	<i>Microcystis aeruginosa</i>	GCA_001704955.1_ASM170495v1_genomic.fna
3101	<i>Streptococcus dysgalactiae</i>	GCA_000188715.1_ASM18871v1_genomic.fna
3102	<i>Rhizobium etli</i>	GCA_000442435.1_ASM44243v1_genomic.fna
3103	<i>Ruminiclostridium thermocellum</i>	GCA_000255615.3_ASM25561v3_genomic.fna
3104	<i>Borrelia garinii</i>	GCA_000300045.1_ASM30004v1_genomic.fna
3105	<i>Chlamydia psittaci</i>	GCA_000270385.1_ASM27038v1_genomic.fna
3106	<i>Bifidobacterium animalis</i>	GCA_000022705.1_ASM2270v1_genomic.fna
3107	<i>Bacillus amyloliquefaciens</i>	GCA_000204275.1_ASM20427v1_genomic.fna
3108	<i>Streptococcus mutans</i>	GCA_000271865.1_ASM27186v1_genomic.fna
3109	<i>Neisseria gonorrhoeae</i>	GCA_000156855.2_ASM15685v2_genomic.fna
3110	<i>Comamonas testosteroni</i>	GCA_001406795.1_Comamonas_testosteroni_P19_genomic.fna
3111	<i>Enterococcus faecium</i>	GCA_000336405.1_ASM33640v1_genomic.fna
3112	<i>Bacillus mycoides</i>	GCA_000742855.1_ASM74285v1_genomic.fna
3113	<i>Yersinia frederiksenii</i>	GCA_002591195.1_ASM259119v1_genomic.fna
3114	<i>Alteromonas macleodii</i>	GCA_000299995.1_ASM29999v1_genomic.fna
3115	<i>Stenotrophomonas maltophilia</i>	GCA_000223885.1_ASM22388v1_genomic.fna
3116	<i>Bifidobacterium bifidum</i>	GCA_000265095.1_ASM26509v1_genomic.fna
3117	<i>Zymomonas mobilis</i>	GCA_000007105.1_ASM710v1_genomic.fna
3118	<i>Streptococcus equi</i>	GCA_000026585.1_ASM2658v1_genomic.fna
3119	<i>Haemophilus parasuis</i>	GCA_000742795.1_ASM74279v1_genomic.fna
3120	<i>Acetobacter pasteurianus</i>	GCA_000010845.1_ASM1084v1_genomic.fna
3121	<i>Francisella tularensis</i>	GCA_001880245.1_ASM188024v1_genomic.fna
3122	<i>Pasteurella multocida</i>	GCA_000234745.1_ASM23474v1_genomic.fna
3123	<i>Francisella philomiragia</i>	GCA_000833215.1_ASM83321v1_genomic.fna
3124	<i>Lactobacillus rhamnosus</i>	GCA_000026525.1_ASM2652v1_genomic.fna
3125	<i>Brucella melitensis</i>	GCA_000192725.1_ASM19272v1_genomic.fna

3126	<i>Bacillus megaterium</i>	GCA_000025805.1_ASM2580v1_genomic.fna
3127	<i>Burkholderia glumae</i>	GCA_000960995.1_ASM96099v1_genomic.fna
3128	<i>Providencia stuartii</i>	GCA_001558855.1_ASM155885v1_genomic.fna
3129	<i>Sinorhizobium meliloti</i>	GCA_000147795.3_ASM14779v3_genomic.fna
3130	<i>Azotobacter vinelandii</i>	GCA_000380365.1_ASM38036v1_genomic.fna
3131	<i>Bordetella bronchiseptica</i>	GCA_000317955.1_ASM31795v1_genomic.fna
3132	<i>Bordetella pertussis</i>	GCA_000212975.1_ASM21297v1_genomic.fna
3133	<i>Bordetella parapertussis</i>	GCA_001704255.1_ASM170425v1_genomic.fna
3134	<i>Haemophilus ducreyi</i>	GCA_001647695.1_ASM164769v1_genomic.fna
3135	<i>Streptococcus gordonii</i>	GCA_001281105.1_ASM128110v1_genomic.fna
3136	<i>Clostridium acetobutylicum</i>	GCA_000218855.1_ASM21885v1_genomic.fna
3137	<i>Lactobacillus gasseri</i>	GCA_002287905.1_ASM228790v1_genomic.fna
3138	<i>Corynebacterium diphtheriae</i>	GCA_000241875.1_ASM24187v1_genomic.fna
3139	<i>Mycobacterium smegmatis</i>	GCA_000767605.1_ASM76760v1_genomic.fna
3140	<i>Mycoplasma pneumoniae</i>	GCA_000283755.1_ASM28375v1_genomic.fna
3141	<i>Thermotoga maritima</i>	GCA_000390265.1_ASM39026v1_genomic.fna
3142	<i>Yersinia enterocolitica</i>	GCA_000253175.1_ASM25317v1_genomic.fna
3143	<i>Dehalococcoides mccartyi</i>	GCA_000009025.1_ASM902v1_genomic.fna
3144	<i>Chlamydia muridarum</i>	GCA_000767405.1_ASM76740v1_genomic.fna
3145	<i>Leuconostoc mesenteroides</i>	GCA_000512955.1_ASM51295v1_genomic.fna
3146	<i>Anaplasma phagocytophilum</i>	GCA_000439775.1_ASM43977v1_genomic.fna
3147	<i>Pectobacterium atrosepticum</i>	GCA_000740965.1_ASM74096v1_genomic.fna
3148	<i>Salmonella bongori</i>	GCA_000709535.1_ASM70953v1_genomic.fna
3149	<i>Chlamydia abortus</i>	GCA_002205755.1_ASM220575v1_genomic.fna
3150	<i>Lactobacillus acidophilus</i>	GCA_000934625.1_ASM93462v1_genomic.fna
3151	<i>Bartonella henselae</i>	GCA_000612965.1_PRJEB4971_assembly_1_genomic.fna
3152	<i>Mannheimia haemolytica</i>	GCA_000349785.2_ASM34978v2_genomic.fna
3153	<i>Leifsonia xyli</i>	GCA_001647635.1_ASM164763v1_genomic.fna
3154	<i>Lactobacillus plantarum</i>	GCA_000148815.2_ASM14881v1_genomic.fna
3155	<i>Pediococcus pentosaceus</i>	GCA_001411765.2_ASM141176v2_genomic.fna
3156	<i>Lactobacillus brevis</i>	GCA_001676805.1_ASM167680v1_genomic.fna
3157	<i>Serratia marcescens</i>	GCA_000336425.1_ASM33642v1_genomic.fna
3158	<i>Mycoplasma gallisepticum</i>	GCA_000025385.1_ASM2538v1_genomic.fna
3159	<i>Moorella thermoacetica</i>	GCA_001267435.1_ASM126743v1_genomic.fna

3160	<i>Mesoplasma florum</i>	GCA_002504365.1_ASM250436v1_genomic.fna
3161	<i>Burkholderia vietnamiensis</i>	GCA_001718775.1_ASM171877v1_genomic.fna
3162	<i>Propionibacterium acnes</i>	GCA_000213155.1_ASM21315v1_genomic.fna
3163	<i>Campylobacter coli</i>	GCA_000494775.1_ASM49477v1_genomic.fna
3164	<i>Campylobacter lari</i>	GCA_000816365.1_ASM81636v1_genomic.fna
3165	<i>Mycoplasma bovis</i>	GCA_000270525.1_ASM27052v1_genomic.fna
3166	<i>Klebsiella oxytoca</i>	GCA_001022115.1_ASM102211v1_genomic.fna
3167	<i>Proteus mirabilis</i>	GCA_001281545.1_ASM128154v1_genomic.fna
3168	<i>Clostridium beijerinckii</i>	GCA_000506785.3_ASM50678v3_genomic.fna
3169	<i>Cronobacter sakazakii</i>	GCA_000263215.1_ASM26321v1_genomic.fna
3170	<i>Lactobacillus salivarius</i>	GCA_000758365.1_ASM75836v1_genomic.fna
3171	<i>Gluconobacter oxydans</i>	GCA_000583855.1_ASM58385v1_genomic.fna
3172	<i>Bacillus clausii</i>	GCA_002250115.1_ASM225011v1_genomic.fna
3173	<i>Wolbachia endosymbiont</i>	GCA_000953315.1_Wau001_genomic.fna
3174	<i>Enterobacter cloacae</i>	GCA_000239975.1_ASM23997v1_genomic.fna
3175	<i>Moraxella catarrhalis</i>	GCA_000766665.1_ASM76666v1_genomic.fna
3176	<i>Listeria ivanovii</i>	GCA_000763475.1_ASM76347v1_genomic.fna
3177	<i>Bifidobacterium breve</i>	GCA_000220135.1_ASM22013v1_genomic.fna
3178	<i>Staphylococcus saprophyticus</i>	GCA_001558275.1_ASM155827v1_genomic.fna
3179	<i>Bacillus coagulans</i>	GCA_000217835.1_ASM21783v1_genomic.fna
3180	<i>Herbaspirillum seropedicae</i>	GCA_001721865.1_ASM172186v1_genomic.fna
3181	<i>Mycobacterium abscessus</i>	GCA_000445035.1_ASM44503v1_genomic.fna
3182	<i>Paenibacillus polymyxa</i>	GCA_000237325.1_ASM23732v1_genomic.fna
3183	<i>Legionella longbeachae</i>	GCA_002113845.1_ASM211384v1_genomic.fna
3184	<i>Aeromonas hydrophila</i>	GCA_000512185.1_ASM51218v1_genomic.fna
3185	<i>Propionibacterium freudenreichii</i>	GCA_002117425.1_ASM211742v1_genomic.fna
3186	<i>Pseudomonas stutzeri</i>	GCA_000013785.1_ASM1378v1_genomic.fna
3187	<i>Streptococcus iniae</i>	GCA_002220115.1_ASM222011v1_genomic.fna
3188	<i>Granulibacter bethesdensis</i>	GCA_000576145.2_ASM57614v2_genomic.fna
3189	<i>Pseudomonas mendocina</i>	GCA_000733715.2_ASM73371v2_genomic.fna
3190	<i>Geobacillus thermodenitrificans</i>	GCA_002119625.1_ASM211962v1_genomic.fna
3191	<i>Burkholderia ubonensis</i>	GCA_001718655.1_ASM171865v1_genomic.fna
3192	<i>Lysinibacillus sphaericus</i>	GCA_001598075.1_ASM159807v1_genomic.fna
3193	<i>Flavobacterium psychrophilum</i>	GCA_000754365.1_ASM75436v1_genomic.fna

3194	<i>Clostridium butyricum</i>	GCA_001646605.1_ASM164660v1_genomic.fna
3195	<i>Rhodococcus erythropolis</i>	GCA_000696675.2_ASM69667v2_genomic.fna
3196	<i>Lactobacillus johnsonii</i>	GCA_000204985.1_ASM20498v1_genomic.fna
3197	<i>Rickettsia typhi</i>	GCA_000277305.1_ASM27730v1_genomic.fna
3198	<i>Lactobacillus sakei</i>	GCA_002250035.1_ASM225003v1_genomic.fna
3199	<i>Paenibacillus larvae</i>	GCA_002007765.1_ASM200776v1_genomic.fna
3200	<i>Arcobacter butzleri</i>	GCA_000284355.1_ASM28435v1_genomic.fna
3201	<i>Mycobacterium intracellulare</i>	GCA_000767485.1_ASM76748v1_genomic.fna
3202	<i>Anoxybacillus flavithermus</i>	GCA_002243705.1_ASM224370v1_genomic.fna
3203	<i>Edwardsiella tarda</i>	GCA_001011055.1_ASM101105v1_genomic.fna
3204	<i>Oligotropha carboxidovorans</i>	GCA_000218585.1_ASM21858v1_genomic.fna
3205	<i>Escherichia albertii</i>	GCA_002285455.1_ASM228545v1_genomic.fna
3206	<i>Corynebacterium urealyticum</i>	GCA_900187235.1_52184_D01_genomic.fna
3207	<i>Yersinia ruckeri</i>	GCA_002192595.1_ASM219259v1_genomic.fna
3208	<i>Variovorax paradoxus</i>	GCA_000023345.1_ASM2334v1_genomic.fna
3209	<i>Rhodococcus opacus</i>	GCA_001685605.1_ASM168560v1_genomic.fna
3210	<i>Pectobacterium carotovorum</i>	GCA_001932635.1_ASM193263v1_genomic.fna
3211	<i>Rothia mucilaginosa</i>	GCA_002386365.1_ASM238636v1_genomic.fna
3212	<i>Streptomyces albus</i>	GCA_000827005.1_ASM82700v1_genomic.fna
3213	<i>Aggregatibacter actinomycetemcomitans</i>	GCA_000163615.3_ASM16361v3_genomic.fna
3214	<i>Thermoanaerobacterium thermosaccharolyticum</i>	GCA_002250075.1_ASM225007v1_genomic.fna
3215	<i>Streptococcus intermedius</i>	GCA_000463385.1_ASM46338v1_genomic.fna
3216	<i>Streptomyces hygroscopicus</i>	GCA_001447075.1_ASM144707v1_genomic.fna
3217	<i>Mycoplasma hyorhinis</i>	GCA_000211295.1_ASM21129v1_genomic.fna
3218	<i>Aggregatibacter aphrophilus</i>	GCA_001262035.1_ASM126203v1_genomic.fna
3219	<i>Gardnerella vaginalis</i>	GCA_000213955.1_ASM21395v1_genomic.fna
3220	<i>Capnocytophaga sputigena</i>	GCA_002302595.1_ASM230259v1_genomic.fna
3221	<i>Lactobacillus paracasei</i>	GCA_000155515.2_ASM15551v2_genomic.fna
3222	<i>Staphylococcus capitis</i>	GCA_002591175.1_ASM259117v1_genomic.fna
3223	<i>Oxalobacter formigenes</i>	GCA_002128345.1_ASM212834v1_genomic.fna
3224	<i>Erysipelothrix rhusiopathiae</i>	GCA_001602155.1_ASM160215v1_genomic.fna
3225	<i>Bacillus atrophaeus</i>	GCA_000830075.1_ASM83007v1_genomic.fna
3226	<i>Klebsiella variicola</i>	GCA_000828055.2_ASM82805v2_genomic.fna
3227	<i>Streptococcus oralis</i>	GCA_002386345.1_ASM238634v1_genomic.fna

3228	<i>Achromobacter xylosoxidans</i>	GCA_000758265.1_ASM75826v1_genomic.fna
3229	<i>Xanthomonas fuscans</i>	GCA_001610815.1_ASM161081v1_genomic.fna
3230	<i>Vibrio alginolyticus</i>	GCA_001469735.1_ASM146973v1_genomic.fna
3231	<i>Pediococcus acidilactici</i>	GCA_002173575.1_ASM217357v1_genomic.fna
3232	<i>Vibrio coralliilyticus</i>	GCA_001693615.1_ASM169361v1_genomic.fna
3233	<i>Parageobacillus thermoglucosidasius</i>	GCA_001700985.1_ASM170098v1_genomic.fna
3234	<i>Corynebacterium pseudotuberculosis</i>	GCA_000144935.2_ASM14493v2_genomic.fna
3235	<i>Enterobacter asburiae</i>	GCA_001022095.1_ASM102209v1_genomic.fna
3236	<i>Veillonella parvula</i>	GCA_900186885.1_48903_D01_genomic.fna
3237	<i>Mesorhizobium ciceri</i>	GCA_001618825.1_ASM161882v1_genomic.fna
3238	<i>Xanthomonas euvesicatoria</i>	GCA_001908795.1_ASM190879v1_genomic.fna
3239	<i>Acinetobacter pittii</i>	GCA_001617545.1_ASM161754v1_genomic.fna
3240	<i>Riemerella anatipestifer</i>	GCA_000191565.1_ASM19156v1_genomic.fna
3241	<i>Lactobacillus amylovorus</i>	GCA_002706375.1_ASM270637v1_genomic.fna
3242	<i>Streptococcus constellatus</i>	GCA_000463445.1_ASM46344v1_genomic.fna
3243	<i>Staphylococcus lugdunensis</i>	GCA_001558775.1_ASM155877v1_genomic.fna
3244	<i>Streptococcus anginosus</i>	GCA_000478925.1_ASM47892v1_genomic.fna
3245	<i>Pantoea ananatis</i>	GCA_000270125.2_ASM27012v2_genomic.fna
3246	<i>Amycolatopsis mediterranei</i>	GCA_000282715.1_ASM28271v1_genomic.fna
3247	<i>Streptococcus gallolyticus</i>	GCA_000203195.1_ASM20319v1_genomic.fna
3248	<i>Taylorella equigenitalis</i>	GCA_002288025.1_ASM228802v1_genomic.fna
3249	<i>Ketogulonicigenium vulgare</i>	GCA_001399515.1_ASM139951v1_genomic.fna
3250	<i>Citrobacter freundii</i>	GCA_001022275.1_ASM102227v1_genomic.fna
3251	<i>Brachyspira pilosicoli</i>	GCA_000296575.1_ASM29657v1_genomic.fna
3252	<i>Capnocytophaga canimorsus</i>	GCA_002302565.1_ASM230256v1_genomic.fna
3253	<i>Cellulophaga lytica</i>	GCA_001941605.1_ASM194160v1_genomic.fna
3254	<i>Sinorhizobium fredii</i>	GCA_002288485.1_ASM228848v1_genomic.fna
3255	<i>Vibrio anguillarum</i>	GCA_000786425.1_Vibrio_anguillarum_NB10_serovar_O1_genomic.fna
3256	<i>Mycoplasma hominis</i>	GCA_000947915.1_ASM94791v1_genomic.fna
3257	<i>Eubacterium limosum</i>	GCA_001481725.1_ASM148172v1_genomic.fna
3258	<i>Pseudoxanthomonas suwonensis</i>	GCA_000972865.1_ASM97286v1_genomic.fna
3259	<i>Enterobacter hormaechei</i>	GCA_000807425.4_ASM80742v4_genomic.fna
3260	<i>Weissella cibaria</i>	GCA_001951075.1_ASM195107v1_genomic.fna
3261	<i>Lactobacillus coryniformis</i>	GCA_002706705.1_ASM270670v1_genomic.fna

3262	<i>Leuconostoc gelidum</i>	GCA_001536305.1_Leuconostoc_gelidum_subsp._gasicomitatum_KG16-1_genomic.fna
3263	<i>Nocardiopsis dassonvillei</i>	GCA_002260685.1_ASM226068v1_genomic.fna
3264	<i>Klebsiella aerogenes</i>	GCA_001021995.1_ASM102199v1_genomic.fna
3265	<i>Staphylococcus pseudintermedius</i>	GCA_001682335.1_ASM168233v1_genomic.fna
3266	<i>Corynebacterium ulcerans</i>	GCA_000306825.1_ASM30682v1_genomic.fna
3267	<i>Chlamydia pecorum</i>	GCA_000470805.1_ASM47080v1_genomic.fna
3268	<i>Aeromonas veronii</i>	GCA_001634325.1_ASM163432v1_genomic.fna
3269	<i>Paenibacillus mucilaginosus</i>	GCA_000258535.2_ASM25853v2_genomic.fna
3270	<i>Burkholderia gladioli</i>	GCA_002208175.1_ASM220817v1_genomic.fna
3271	<i>Mycobacterium abscessus</i>	GCA_000770125.1_ASM77012v1_genomic.fna
3272	<i>Pseudomonas brassicacearum</i>	GCA_001449085.1_ASM144908v1_genomic.fna
3273	<i>Rickettsia amblyommatis</i>	GCA_002078335.1_ASM207833v1_genomic.fna
3274	<i>Burkholderia cepacia</i>	GCA_000701165.2_ASM70116v2_genomic.fna
3275	<i>Tetragenococcus halophilus</i>	GCA_002243535.1_ASM224353v1_genomic.fna
3276	<i>Enterococcus hirae</i>	GCA_002278015.1_ASM227801v1_genomic.fna
3277	<i>Hafnia alvei</i>	GCA_001636255.1_ASM163625v1_genomic.fna
3278	<i>Streptomyces venezuelae</i>	GCA_001886595.1_ASM188659v1_genomic.fna
3279	<i>Lactobacillus curvatus</i>	GCA_001698165.1_ASM169816v1_genomic.fna
3280	<i>Pediococcus damnosus</i>	GCA_001611075.1_ASM161107v1_genomic.fna
3281	<i>Agrobacterium rhizogenes</i>	GCA_002005205.2_ASM200520v2_genomic.fna
3282	<i>Morganella morganii</i>	GCA_002386305.1_ASM238630v1_genomic.fna
3283	<i>Prevotella intermedia</i>	GCA_001548195.1_ASM154819v1_genomic.fna
3284	<i>Tannerella forsythia</i>	GCA_001547875.1_ASM154787v1_genomic.fna
3285	<i>Vibrio campbellii</i>	GCA_001969325.1_ASM196932v1_genomic.fna
3286	<i>Staphylococcus xylosus</i>	GCA_000953575.1_Staphylococcus_xylosus_C2a_genomic.fna
3287	<i>Pseudomonas pseudoalcaligenes</i>	GCA_002355475.1_ASM235547v1_genomic.fna
3288	<i>Rickettsia japonica</i>	GCA_002357115.1_ASM235711v1_genomic.fna
3289	<i>Pediococcus clausenii</i>	GCA_001702235.1_ASM170223v1_genomic.fna
3290	<i>Moraxella bovoculi</i>	GCA_000988655.1_ASM98865v1_genomic.fna
3291	<i>Campylobacter sputorum</i>	GCA_002220775.1_ASM222077v1_genomic.fna
3292	<i>Enterococcus durans</i>	GCA_002277935.1_ASM227793v1_genomic.fna
3293	<i>Flavobacterium columnare</i>	GCA_001641185.1_ASM164118v1_genomic.fna
3294	<i>Francisella noatunensis</i>	GCA_001042525.2_ASM104252v2_genomic.fna
3295	<i>Piscirickettsia salmonis</i>	GCA_000756435.3_ASM75643v3_genomic.fna

3296	<i>Elizabethkingia anophelis</i>	GCA_001011675.1_ASM101167v1_genomic.fna
3297	<i>Pseudomonas monteilii</i>	GCA_000510325.1_ASM51032v1_genomic.fna
3298	<i>Rhizobium phaseoli</i>	GCA_001664125.1_ASM166412v1_genomic.fna
3299	<i>Pseudoalteromonas luteoviolacea</i>	GCA_001750405.1_ASM175040v1_genomic.fna
3300	<i>Xanthomonas fragariae</i>	GCA_900183975.1_PD885.1_genomic.fna
3301	<i>Geobacillus thermoleovorans</i>	GCA_001719205.1_ASM171920v1_genomic.fna
3302	<i>Pseudomonas chlororaphis</i>	GCA_000963835.1_ASM96383v1_genomic.fna
3303	<i>Serratia plymuthica</i>	GCA_000261045.2_ASM26104v2_genomic.fna
3304	<i>Alcaligenes faecalis</i>	GCA_002242175.1_ASM224217v1_genomic.fna
3305	<i>Phaeobacter inhibens</i>	GCA_001969345.1_ASM196934v1_genomic.fna
3306	<i>Alteromonas stellipolaris</i>	GCA_001632765.1_ASM163276v1_genomic.fna
3307	<i>Staphylococcus equorum</i>	GCA_001683315.1_ASM168331v1_genomic.fna
3308	<i>Paraburkholderia caribensis</i>	GCA_001611015.1_ASM161101v1_genomic.fna
3309	<i>Acidipropionibacterium acidipropionici</i>	GCA_001602115.1_ASM160211v1_genomic.fna
3310	<i>Leptolyngbya boryana</i>	GCA_002368255.1_ASM236825v1_genomic.fna
3311	<i>Bordetella holmesii</i>	GCA_000341485.2_ASM34148v2_genomic.fna
3312	<i>Bacillus safensis</i>	GCA_001938685.1_ASM193868v1_genomic.fna
3313	<i>Rhodovulum sulfidophilum</i>	GCA_001548075.1_ASM154807v1_genomic.fna
3314	<i>Thalassolituus oleivorans</i>	GCA_001932535.1_ASM193253v1_genomic.fna
3315	<i>Cedecea neteri</i>	GCA_000758325.1_ASM75832v1_genomic.fna
3316	<i>Chryseobacterium indologenes</i>	GCA_002208925.1_ASM220892v1_genomic.fna
3317	<i>Sphingopyxis macrogoltabida</i>	GCA_001610995.1_ASM161099v1_genomic.fna
3318	<i>Vibrio natriegens</i>	GCA_001680045.1_ASM168004v1_genomic.fna
3319	<i>Pseudomonas protegens</i>	GCA_002006545.1_ASM200654v1_genomic.fna
3320	<i>Clostridium stercorarium</i>	GCA_001697245.1_ASM169724v1_genomic.fna
3321	<i>Citrobacter amalonaticus</i>	GCA_001559075.1_ASM155907v1_genomic.fna
3322	<i>Bibersteinia trehalosi</i>	GCA_000521745.1_ASM52174v1_genomic.fna
3323	<i>Serratia liquefaciens</i>	GCA_001559135.1_ASM155913v1_genomic.fna
3324	<i>Raoultella ornithinolytica</i>	GCA_001455225.1_ASM145522v1_genomic.fna
3325	<i>Brochothrix thermosphacta</i>	GCA_002442515.1_ASM244251v1_genomic.fna
3326	<i>Corynebacterium stationis</i>	GCA_002024345.1_ASM202434v1_genomic.fna
3327	<i>Weissella ceti</i>	GCA_000750515.1_ASM75051v1_genomic.fna
3328	<i>Mannheimia varigena</i>	GCA_000521695.1_ASM52169v1_genomic.fna
3329	<i>Trueperella pyogenes</i>	GCA_000816065.1_ASM81606v1_genomic.fna

3330	<i>Sporosarcina ureae</i>	GCA_002101375.1_ASM210137v1_genomic.fna
3331	<i>Mycobacterium yongonense</i>	GCA_002148195.1_ASM214819v1_genomic.fna
3332	<i>Bordetella hinzii</i>	GCA_900186895.1_48450_A02_genomic.fna
3333	<i>Clostridium saccharobutylicum</i>	GCA_002003325.1_ASM200332v1_genomic.fna
3334	<i>Bradyrhizobium diazoefficiens</i>	GCA_001642675.1_ASM164267v1_genomic.fna
3335	<i>Clostridium chauvoei</i>	GCA_002327205.1_ASM232720v1_genomic.fna
3336	<i>Streptomyces lydicus</i>	GCA_001984445.1_ASM198444v1_genomic.fna
3337	<i>Pandoraea pnomenusa</i>	GCA_000590495.2_ASM59049v2_genomic.fna
3338	<i>Bacillus velezensis</i>	GCA_000284395.1_ASM28439v1_genomic.fna
3339	<i>Klebsiella michiganensis</i>	GCA_000632415.1_ASM63241v1_genomic.fna
3340	<i>Acidihalobacter prosperus</i>	GCA_001753245.1_ASM175324v1_genomic.fna
3341	<i>Collimonas arenae</i>	GCA_001584205.1_ASM158420v1_genomic.fna
3342	<i>Fusobacterium hwasookii</i>	GCA_001455145.1_ASM145514v1_genomic.fna
3343	<i>Pseudomonas frederiksbergensis</i>	GCA_002355315.1_ASM235531v1_genomic.fna
3344	<i>Pandoraea apista</i>	GCA_001027265.1_ASM102726v1_genomic.fna
3345	<i>Campylobacter iguaniorum</i>	GCA_001643995.1_ASM164399v1_genomic.fna
3346	<i>Tatlockia micdadei</i>	GCA_002085735.1_ASM208573v1_genomic.fna
3347	<i>Luteibacter rhizovicinus</i>	GCA_001887595.1_ASM188759v1_genomic.fna
3348	<i>Klebsiella quasipneumoniae</i>	GCA_002240315.1_ASM224031v1_genomic.fna
3349	<i>Staphylococcus schleiferi</i>	GCA_001188895.1_ASM118889v1_genomic.fna
3350	<i>Oblitimonas alkaliphila</i>	GCA_001267215.1_ASM126721v1_genomic.fna
3351	<i>Mycobacterium chimaera</i>	GCA_002219245.1_ASM221924v1_genomic.fna
3352	<i>Lactobacillus paracollinoides</i>	GCA_001702195.1_ASM170219v1_genomic.fna
3353	<i>Methylobacterium koyamae</i>	GCA_002441955.1_ASM244195v1_genomic.fna
3354	<i>Blastochloris viridis</i>	GCA_001548155.2_BV133_assembly_1.0_genomic.fna
3355	<i>Bacillus paralicheniformis</i>	GCA_002068155.1_ASM206815v1_genomic.fna
3356	<i>Alteromonas mediterranea</i>	GCA_000439495.1_ASM43949v1_genomic.fna
3357	<i>Enterobacter cloacae</i>	GCA_001729745.1_ASM172974v1_genomic.fna
3358	<i>Polynucleobacter asymbioticus</i>	GCA_001874565.1_ASM187456v1_genomic.fna
3359	<i>Lactobacillus backii</i>	GCA_001663715.1_ASM166371v1_genomic.fna
3360	<i>Bartonella apis</i>	GCA_002007505.1_ASM200750v1_genomic.fna
3361	<i>Campylobacter pinnipediorum</i>	GCA_002021965.1_ASM202196v1_genomic.fna
3362	<i>Phaeobacter piscinae</i>	GCA_002412045.1_ASM241204v1_genomic.fna
3363	<i>Campylobacter pinnipediorum</i>	GCA_002021985.1_ASM202198v1_genomic.fna

3364	<i>Lactobacillus backii</i>	GCA_001663735.1_ASM166373v1_genomic.fna
3365	<i>Polynucleobacter asymbioticus</i>	GCA_001874585.1_ASM187458v1_genomic.fna
3366	<i>Alteromonas mediterranea</i>	GCA_000439535.1_ASM43953v1_genomic.fna
3367	<i>Bacillus paralicheniformis</i>	GCA_002393225.1_ASM239322v1_genomic.fna
3368	<i>Mycobacterium chimaera</i>	GCA_002219265.1_ASM221926v1_genomic.fna
3369	<i>Oblitimonas alkaliphila</i>	GCA_001267255.1_ASM126725v1_genomic.fna
3370	<i>Staphylococcus schleiferi</i>	GCA_001188915.1_ASM118891v1_genomic.fna
3371	<i>Klebsiella quasipneumoniae</i>	GCA_002240335.1_ASM224033v1_genomic.fna
3372	<i>Pandoraea apista</i>	GCA_001465595.2_ASM146559v2_genomic.fna
3373	<i>Klebsiella michiganensis</i>	GCA_000724525.1_ASM72452v1_genomic.fna
3374	<i>Bacillus velezensis</i>	GCA_000319475.1_ASM31947v1_genomic.fna
3375	<i>Pandoraea pnomenusa</i>	GCA_000604065.3_ASM60406v3_genomic.fna
3376	<i>Bradyrhizobium diazoefficiens</i>	GCA_001908315.1_ASM190831v1_genomic.fna
3377	<i>Clostridium saccharobutylicum</i>	GCA_002003365.1_ASM200336v1_genomic.fna
3378	<i>Sporosarcina ureae</i>	GCA_002109325.1_ASM210932v1_genomic.fna
3379	<i>Trueperella pyogenes</i>	GCA_001281085.1_ASM128108v1_genomic.fna
3380	<i>Raoultella ornithinolytica</i>	GCA_001700855.1_ASM170085v1_genomic.fna
3381	<i>Bibersteinia trehalosi</i>	GCA_000521765.1_ASM52176v1_genomic.fna
3382	<i>Clostridium stercorearium</i>	GCA_001697285.1_ASM169728v1_genomic.fna
3383	<i>Pseudomonas protegens</i>	GCA_002208745.1_ASM220874v1_genomic.fna
3384	<i>Vibrio natriegens</i>	GCA_001680065.1_ASM168006v1_genomic.fna
3385	<i>Cedecea neteri</i>	GCA_002393445.1_ASM239344v1_genomic.fna
3386	<i>Rhodovulum sulfidophilum</i>	GCA_001633145.1_ASM163314v1_genomic.fna
3387	<i>Enterobacter cloacae</i>	GCA_000807415.4_ASM80741v4_genomic.fna
3388	<i>Bacillus safensis</i>	GCA_001938705.1_ASM193870v1_genomic.fna
3389	<i>Bordetella holmesii</i>	GCA_000765395.1_ASM76539v1_genomic.fna
3390	<i>Acidipropionibacterium acidipropionici</i>	GCA_001855335.1_ASM185533v1_genomic.fna
3391	<i>Alteromonas stellipolaris</i>	GCA_001632825.1_ASM163282v1_genomic.fna
3392	<i>Alcaligenes faecalis</i>	GCA_002443155.1_ASM244315v1_genomic.fna
3393	<i>Serratia plymuthica</i>	GCA_000438825.1_ASM43882v1_genomic.fna
3394	<i>Pseudomonas chlororaphis</i>	GCA_001023535.1_ASM102353v1_genomic.fna
3395	<i>Xanthomonas fragariae</i>	GCA_900183985.1_NBC2815.1_genomic.fna
3396	<i>Rhizobium phaseoli</i>	GCA_001664165.1_ASM166416v1_genomic.fna
3397	<i>Elizabethkingia anophelis</i>	GCA_001596175.2_ASM159617v2_genomic.fna

3398	<i>Francisella noatunensis</i>	GCA_001042545.2_ASM104254v2_genomic.fna
3399	<i>Piscirickettsia salmonis</i>	GCA_001514395.1_ASM151439v1_genomic.fna
3400	<i>Flavobacterium columnare</i>	GCA_001677395.1_ASM167739v1_genomic.fna
3401	<i>Campylobacter sputorum</i>	GCA_002220795.1_ASM222079v1_genomic.fna
3402	<i>Moraxella bovoculi</i>	GCA_000988685.1_ASM98868v1_genomic.fna
3403	<i>Rickettsia japonica</i>	GCA_002357135.1_ASM235713v1_genomic.fna
3404	<i>Staphylococcus xylosus</i>	GCA_002078255.1_ASM207825v1_genomic.fna
3405	<i>Vibrio campbellii</i>	GCA_002140055.1_ASM214005v1_genomic.fna
3406	<i>Clostridium pasteurianum</i>	GCA_000807175.1_ASM80717v1_genomic.fna
3407	<i>Prevotella intermedia</i>	GCA_001953935.1_ASM195393v1_genomic.fna
3408	<i>Pediococcus damnosus</i>	GCA_001611115.1_ASM161111v1_genomic.fna
3409	<i>Lactobacillus curvatus</i>	GCA_001723545.1_ASM172354v1_genomic.fna
3410	<i>Burkholderia cepacia</i>	GCA_000755805.1_ASM75580v1_genomic.fna
3411	<i>Pseudomonas brassicacearum</i>	GCA_001746815.1_ASM174681v1_genomic.fna
3412	<i>Burkholderia gladioli</i>	GCA_002393425.1_ASM239342v1_genomic.fna
3413	<i>Chlamydia pecorum</i>	GCA_000470825.1_ASM47082v1_genomic.fna
3414	<i>Corynebacterium ulcerans</i>	GCA_000499805.2_ASM49980v2_genomic.fna
3415	<i>Staphylococcus pseudintermedius</i>	GCA_001682435.2_ASM168243v2_genomic.fna
3416	<i>Klebsiella aerogenes</i>	GCA_001559215.1_ASM155921v1_genomic.fna
3417	<i>Weissella cibaria</i>	GCA_001951095.1_ASM195109v1_genomic.fna
3418	<i>Enterobacter hormaechei</i>	GCA_000814125.3_ASM81412v3_genomic.fna
3419	<i>Mycoplasma hominis</i>	GCA_001017595.1_ASM101759v1_genomic.fna
3420	<i>Vibrio anguillarum</i>	GCA_001660505.1_ASM166050v1_genomic.fna
3421	<i>Capnocytophaga canimorsus</i>	GCA_002302655.1_ASM230265v1_genomic.fna
3422	<i>Citrobacter freundii</i>	GCA_001281005.1_ASM128100v1_genomic.fna
3423	<i>Ketogulonicigenium vulgare</i>	GCA_001693655.1_ASM169365v1_genomic.fna
3424	<i>Taylorella equigenitalis</i>	GCA_002288125.1_ASM228812v1_genomic.fna
3425	<i>Streptococcus gallolyticus</i>	GCA_000270145.1_ASM27014v1_genomic.fna
3426	<i>Amycolatopsis mediterranei</i>	GCA_000454025.1_ASM45402v1_genomic.fna
3427	<i>Pantoea ananatis</i>	GCA_000283875.1_ASM28387v1_genomic.fna
3428	<i>Streptococcus anginosus</i>	GCA_000831165.1_ASM83116v1_genomic.fna
3429	<i>Staphylococcus lugdunensis</i>	GCA_001558815.1_ASM155881v1_genomic.fna
3430	<i>Riemerella anatipestifer</i>	GCA_000295655.1_ASM29565v1_genomic.fna
3431	<i>Acinetobacter pittii</i>	GCA_002012285.1_ASM201228v1_genomic.fna

3432	<i>Mesorhizobium ciceri</i>	GCA_001618845.1_ASM161884v1_genomic.fna
3433	<i>Enterobacter asburiae</i>	GCA_001521715.1_ASM152171v1_genomic.fna
3434	<i>Corynebacterium pseudotuberculosis</i>	GCA_000152065.2_ASM15206v2_genomic.fna
3435	<i>Parageobacillus thermoglucosidasius</i>	GCA_001902495.1_ASM190249v1_genomic.fna
3436	<i>Vibrio coralliilyticus</i>	GCA_002073995.1_ASM207399v1_genomic.fna
3437	<i>Pediococcus acidilactici</i>	GCA_002173595.1_ASM217359v1_genomic.fna
3438	<i>Vibrio alginolyticus</i>	GCA_001679745.1_ASM167974v1_genomic.fna
3439	<i>Xanthomonas fuscans</i>	GCA_001610915.1_ASM161091v1_genomic.fna
3440	<i>Achromobacter xylosoxidans</i>	GCA_001051055.1_ASM105105v1_genomic.fna
3441	<i>Bacillus atrophaeus</i>	GCA_002243495.1_ASM224349v1_genomic.fna
3442	<i>Klebsiella variicola</i>	GCA_001278905.1_ASM127890v1_genomic.fna
3443	<i>Erysipelothrix rhusiopathiae</i>	GCA_001723625.1_ASM172362v1_genomic.fna
3444	<i>Lactobacillus paracasei</i>	GCA_000582665.1_ASM58266v1_genomic.fna
3445	<i>Gardnerella vaginalis</i>	GCA_001042655.1_ASM104265v1_genomic.fna
3446	<i>Mycoplasma hyorhinis</i>	GCA_000241125.1_ASM24112v1_genomic.fna
3447	<i>Streptomyces hygroscopicus</i>	GCA_002021875.1_ASM202187v1_genomic.fna
3448	<i>Streptococcus intermedius</i>	GCA_002073355.1_ASM207335v1_genomic.fna
3449	<i>Serratia symbiotica</i>	GCA_000238975.1_ASM23897v1_genomic.fna
3450	<i>Aggregatibacter actinomycetemcomitans</i>	GCA_000604045.1_ASM60404v1_genomic.fna
3451	<i>Streptomyces albus</i>	GCA_000359525.1_ASM35952v1_genomic.fna
3452	<i>Pectobacterium carotovorum</i>	GCA_002068115.1_ASM206811v1_genomic.fna
3453	<i>Variovorax paradoxus</i>	GCA_000463015.1_ASM46301v1_genomic.fna
3454	<i>Yersinia ruckeri</i>	GCA_002442495.1_ASM244249v1_genomic.fna
3455	<i>Escherichia albertii</i>	GCA_002285475.1_ASM228547v1_genomic.fna
3456	<i>Edwardsiella tarda</i>	GCA_002504285.1_ASM250428v1_genomic.fna
3457	<i>Mycobacterium intracellulare</i>	GCA_002285675.1_ASM228567v1_genomic.fna
3458	<i>Arcobacter butzleri</i>	GCA_900187115.1_51699_F01_genomic.fna
3459	<i>Paenibacillus larvae</i>	GCA_002043025.1_ASM204302v1_genomic.fna
3460	<i>Lactobacillus sakei</i>	GCA_002370355.1_ASM237035v1_genomic.fna
3461	<i>Lactobacillus johnsonii</i>	GCA_000498675.1_ASM49867v1_genomic.fna
3462	<i>Rhodococcus erythropolis</i>	GCA_000975175.1_ASM97517v1_genomic.fna
3463	<i>Clostridium butyricum</i>	GCA_001746555.1_ASM174655v1_genomic.fna
3464	<i>Flavobacterium psychrophilum</i>	GCA_000754405.1_ASM75440v1_genomic.fna
3465	<i>Lysinibacillus sphaericus</i>	GCA_001629735.1_ASM162973v1_genomic.fna

3466	<i>Burkholderia ubonensis</i>	GCA_001718695.1_ASM171869v1_genomic.fna
3467	<i>Pseudomonas mendocina</i>	GCA_002442555.1_ASM244255v1_genomic.fna
3468	<i>Granulibacter bethesdensis</i>	GCA_000576185.2_ASM57618v2_genomic.fna
3469	<i>Propionibacterium freudenreichii</i>	GCA_900016155.1_PFREUDJS1_genomic.fna
3470	<i>Aeromonas hydrophila</i>	GCA_000612075.2_ASM61207v2_genomic.fna
3471	<i>Pseudomonas stutzeri</i>	GCA_000195105.1_ASM19510v1_genomic.fna
3472	<i>Paenibacillus polymyxa</i>	GCA_000507205.2_ASM50720v2_genomic.fna
3473	<i>Mycobacterium abscessus</i>	GCA_000497265.2_ASM49726v2_genomic.fna
3474	<i>Bacillus coagulans</i>	GCA_000876545.1_ASM87654v1_genomic.fna
3475	<i>Staphylococcus saprophyticus</i>	GCA_001558375.1_ASM155837v1_genomic.fna
3476	<i>Bifidobacterium breve</i>	GCA_000568955.1_ASM56895v1_genomic.fna
3477	<i>Listeria ivanovii</i>	GCA_000763495.1_ASM76349v1_genomic.fna
3478	<i>Moraxella catarrhalis</i>	GCA_002073215.1_ASM207321v1_genomic.fna
3479	<i>Enterobacter cloacae</i>	GCA_000286275.1_ASM28627v1_genomic.fna
3480	<i>Gluconobacter oxydans</i>	GCA_001680825.1_ASM168082v1_genomic.fna
3481	<i>Lactobacillus salivarius</i>	GCA_001011095.1_ASM101109v1_genomic.fna
3482	<i>Cronobacter sakazakii</i>	GCA_000339015.1_ASM33901v1_genomic.fna
3483	<i>Clostridium beijerinckii</i>	GCA_000767745.1_ASM76774v1_genomic.fna
3484	<i>Proteus mirabilis</i>	GCA_001640985.1_ASM164098v1_genomic.fna
3485	<i>Klebsiella oxytoca</i>	GCA_001022295.1_ASM102229v1_genomic.fna
3486	<i>Campylobacter lari</i>	GCA_000816385.2_ASM81638v2_genomic.fna
3487	<i>Mycoplasma bovis</i>	GCA_000696015.1_ASM69601v1_genomic.fna
3488	<i>Campylobacter coli</i>	GCA_000583755.1_ASM58375v1_genomic.fna
3489	<i>Propionibacterium acnes</i>	GCA_000217615.1_ASM21761v1_genomic.fna
3490	<i>Burkholderia vietnamiensis</i>	GCA_001718815.1_ASM171881v1_genomic.fna
3491	<i>Mesoplasma florum</i>	GCA_002504385.1_ASM250438v1_genomic.fna
3492	<i>Moorella thermoacetica</i>	GCA_001729945.1_ASM172994v1_genomic.fna
3493	<i>Mycoplasma gallisepticum</i>	GCA_000211545.6_ASM21154v6_genomic.fna
3494	<i>Serratia marcescens</i>	GCA_000828775.1_ASM82877v1_genomic.fna
3495	<i>Lactobacillus brevis</i>	GCA_002117225.1_ASM211722v1_genomic.fna
3496	<i>Pediococcus pentosaceus</i>	GCA_002173535.1_ASM217353v1_genomic.fna
3497	<i>Mannheimia haemolytica</i>	GCA_000422095.1_ASM42209v1_genomic.fna
3498	<i>Bartonella henselae</i>	GCA_001291465.1_Bartonella_henselae_MVT02_genomic.fna
3499	<i>Lactobacillus acidophilus</i>	GCA_002224305.1_ASM222430v1_genomic.fna

3500	<i>Salmonella bongori</i>	GCA_002211925.1_ASM221192v1_genomic.fna
3501	<i>Chlamydia abortus</i>	GCA_900002505.1_CA1H_genomic.fna
3502	<i>Anaplasma phagocytophilum</i>	GCA_000689635.2_ASM68963v2_genomic.fna
3503	<i>Lactobacillus plantarum</i>	GCA_000338115.2_ASM33811v2_genomic.fna
3504	<i>Leifsonia xyli</i>	GCA_000007665.1_ASM766v1_genomic.fna
3505	<i>Leuconostoc mesenteroides</i>	GCA_001047695.1_ASM104769v1_genomic.fna
3506	<i>Chlamydia muridarum</i>	GCA_000767445.1_ASM76744v1_genomic.fna
3507	<i>Dehalococcoides mccartyi</i>	GCA_000016705.1_ASM1670v1_genomic.fna
3508	<i>Yersinia enterocolitica</i>	GCA_000834195.1_ASM83419v1_genomic.fna
3509	<i>Thermotoga maritima</i>	GCA_000978535.1_ASM97853v1_genomic.fna
3510	<i>Mycoplasma pneumoniae</i>	GCA_000319655.2_ASM31965v2_genomic.fna
3511	<i>Mycobacterium smegmatis</i>	GCA_000767665.1_ASM76766v1_genomic.fna
3512	<i>Corynebacterium diphtheriae</i>	GCA_000241895.1_ASM24189v1_genomic.fna
3513	<i>Streptococcus gordonii</i>	GCA_002073435.1_ASM207343v1_genomic.fna
3514	<i>Haemophilus ducreyi</i>	GCA_001647735.1_ASM164773v1_genomic.fna
3515	<i>Bordetella pertussis</i>	GCA_000306945.1_ASM30694v1_genomic.fna
3516	<i>Bordetella bronchiseptica</i>	GCA_000829175.1_ASM82917v1_genomic.fna
3517	<i>Sinorhizobium meliloti</i>	GCA_000218265.1_ASM21826v1_genomic.fna
3518	<i>Providencia stuartii</i>	GCA_001888205.1_ASM188820v1_genomic.fna
3519	<i>Bacillus megaterium</i>	GCA_000025825.1_ASM2582v1_genomic.fna
3520	<i>Brucella melitensis</i>	GCA_000192885.1_ASM19288v1_genomic.fna
3521	<i>Caulobacter vibrioides</i>	GCA_002310295.1_ASM231029v1_genomic.fna
3522	<i>Francisella philomiragia</i>	GCA_000833255.1_ASM83325v1_genomic.fna
3523	<i>Lactobacillus rhamnosus</i>	GCA_000233755.1_ASM23375v1_genomic.fna
3524	<i>Pasteurella multocida</i>	GCA_000255915.1_ASM25591v1_genomic.fna
3525	<i>Acetobacter pasteurianus</i>	GCA_000010865.1_ASM1086v1_genomic.fna
3526	<i>Haemophilus parasuis</i>	GCA_001611775.1_ASM161177v1_genomic.fna
3527	<i>Zymomonas mobilis</i>	GCA_000024245.1_ASM2424v1_genomic.fna
3528	<i>Streptococcus equi</i>	GCA_000219765.1_ASM21976v1_genomic.fna
3529	<i>Bifidobacterium bifidum</i>	GCA_001025135.1_ASM102513v1_genomic.fna
3530	<i>Stenotrophomonas maltophilia</i>	GCA_000284595.1_ASM28459v1_genomic.fna
3531	<i>Alteromonas macleodii</i>	GCA_000300175.1_ASM30017v1_genomic.fna
3532	<i>Bacillus mycoides</i>	GCA_000832885.1_ASM83288v1_genomic.fna
3533	<i>Enterococcus faecium</i>	GCA_000444405.1_ASM44440v1_genomic.fna

3534	<i>Streptococcus mutans</i>	GCA_000284575.1_ASM28457v1_genomic.fna
3535	<i>Neisseria gonorrhoeae</i>	GCA_001047225.1_ASM104722v1_genomic.fna
3536	<i>Bacillus amyloliquefaciens</i>	GCA_000221645.1_ASM22164v1_genomic.fna
3537	<i>Chlamydia psittaci</i>	GCA_000270405.1_ASM27040v1_genomic.fna
3538	<i>Bifidobacterium animalis</i>	GCA_000025245.1_ASM2524v1_genomic.fna
3539	<i>Borrelia garinii</i>	GCA_000691545.1_ASM69154v1_genomic.fna
3540	<i>Ruminiclostridium thermocellum</i>	GCA_001692755.1_ASM169275v1_genomic.fna
3541	<i>Rhizobium etli</i>	GCA_000816125.1_ASM81612v1_genomic.fna
3542	<i>Streptococcus dysgalactiae</i>	GCA_000307185.1_ASM30718v1_genomic.fna
3543	<i>Microcystis aeruginosa</i>	GCA_002095975.1_ASM209597v1_genomic.fna
3544	<i>Enterococcus faecalis</i>	GCA_000211255.2_ASM21125v2_genomic.fna
3545	<i>Brucella suis</i>	GCA_000236255.1_ASM23625v1_genomic.fna
3546	<i>Rhizobium leguminosarum</i>	GCA_000009265.1_ASM926v1_genomic.fna
3547	<i>Brucella canis</i>	GCA_000740335.1_ASM74033v1_genomic.fna
3548	<i>Clavibacter michiganensis</i>	GCA_000958465.1_ASM95846v1_genomic.fna
3549	<i>Borrelia burgdorferi</i>	GCA_000166655.2_ASM16665v1_genomic.fna
3550	<i>Klebsiella pneumoniae</i>	GCA_000019565.1_ASM1956v1_genomic.fna
3551	<i>Rickettsia prowazekii</i>	GCA_000277185.1_ASM27718v1_genomic.fna
3552	<i>Burkholderia multivorans</i>	GCA_000959525.1_ASM95952v1_genomic.fna
3553	<i>Clostridium botulinum</i>	GCA_000204565.1_ASM20456v1_genomic.fna
3554	<i>Phaeobacter gallaeciensis</i>	GCA_002381305.1_ASM238130v1_genomic.fna
3555	<i>Burkholderia thailandensis</i>	GCA_000567925.1_ASM56792v1_genomic.fna
3556	<i>Mycoplasma mycoides</i>	GCA_000143865.1_ASM14386v1_genomic.fna
3557	<i>Ureaplasma parvum</i>	GCA_002205515.1_ASM220551v1_genomic.fna
3558	<i>Porphyromonas gingivalis</i>	GCA_001263815.1_ASM126381v1_genomic.fna
3559	<i>Lactobacillus fermentum</i>	GCA_000466785.3_ASM46678v3_genomic.fna
3560	<i>Vibrio parahaemolyticus</i>	GCA_000430425.1_ASM43042v1_genomic.fna
3561	<i>Methylobacterium extorquens</i>	GCA_000083545.1_ASM8354v1_genomic.fna
3562	<i>Borrelia afzelii</i>	GCA_000962775.1_ASM96277v1_genomic.fna
3563	<i>Rickettsia rickettsii</i>	GCA_000283795.1_ASM28379v1_genomic.fna
3564	<i>Lactobacillus helveticus</i>	GCA_000189515.1_ASM18951v1_genomic.fna
3565	<i>Bacillus subtilis</i>	GCA_000209795.2_ASM20979v2_genomic.fna
3566	<i>Desulfovibrio vulgaris</i>	GCA_000166115.1_ASM16611v1_genomic.fna
3567	<i>Lactobacillus casei</i>	GCA_000194785.1_ASM19478v1_genomic.fna

3568	<i>Coxiella burnetii</i>	GCA_000019865.1_ASM1986v1_genomic.fna
3569	<i>Clostridioides difficile</i>	GCA_000932055.2_ASM93205v2_genomic.fna
3570	<i>Aeromonas salmonicida</i>	GCA_002214305.1_ASM221430v1_genomic.fna
3571	<i>Xanthomonas oryzae</i>	GCA_000940825.1_ASM94082v1_genomic.fna
3572	<i>Campylobacter fetus</i>	GCA_000512745.2_ASM51274v2_genomic.fna
3573	<i>Xanthomonas citri</i>	GCA_000816885.1_ASM81688v1_genomic.fna
3574	<i>Mycoplasma capricolum</i>	GCA_000952915.1_9231-Abomsa_assembly_V8_genomic.fna
3575	<i>Lactobacillus delbrueckii</i>	GCA_000191165.1_ASM19116v1_genomic.fna
3576	<i>Brucella abortus</i>	GCA_000238175.1_ASM23817v1_genomic.fna
3577	<i>Francisella tularensis</i>	GCA_000011405.1_ASM1140v1_genomic.fna
3578	<i>Yersinia pseudotuberculosis</i>	GCA_000047365.1_ASM4736v1_genomic.fna
3579	<i>Rhodobacter sphaeroides</i>	GCA_000021005.1_ASM2100v1_genomic.fna
3580	<i>Streptococcus salivarius</i>	GCA_000305335.2_ASM30533v2_genomic.fna
3581	<i>Vibrio cholerae</i>	GCA_000021625.1_ASM2162v1_genomic.fna
3582	<i>Ralstonia solanacearum</i>	GCA_001299555.1_ASM129955v1_genomic.fna
3583	<i>Bacillus thuringiensis</i>	GCA_000092165.1_ASM9216v1_genomic.fna
3584	<i>Ehrlichia chaffeensis</i>	GCA_000632885.1_ASM63288v1_genomic.fna
3585	<i>Burkholderia mallei</i>	GCA_000015625.1_ASM1562v1_genomic.fna
3586	<i>Burkholderia pseudomallei</i>	GCA_000015925.1_ASM1592v1_genomic.fna
3587	<i>Shigella sonnei</i>	GCA_001558295.1_ASM155829v1_genomic.fna
3588	<i>Chlamydia trachomatis</i>	GCA_000026905.1_ASM2690v1_genomic.fna
3589	<i>Mycoplasma genitalium</i>	GCA_000292485.1_ASM29248v1_genomic.fna
3590	<i>Burkholderia cenocepacia</i>	GCA_000203955.1_ASM20395v1_genomic.fna
3591	<i>Corynebacterium glutamicum</i>	GCA_000382905.1_ASM38290v1_genomic.fna
3592	<i>Thermus thermophilus</i>	GCA_000258245.1_ASM25824v1_genomic.fna
3593	<i>Bacillus pumilus</i>	GCA_000972685.1_ASM97268v1_genomic.fna
3594	<i>Lactobacillus reuteri</i>	GCA_000236455.2_ASM23645v2_genomic.fna
3595	<i>Shewanella baltica</i>	GCA_000018765.1_ASM1876v1_genomic.fna
3596	<i>Streptococcus thermophilus</i>	GCA_000014485.1_ASM1448v1_genomic.fna
3597	<i>Legionella pneumophila</i>	GCA_000092545.1_ASM9254v1_genomic.fna
3598	<i>Bacteroides fragilis</i>	GCA_000965785.1_ASM96578v1_genomic.fna
3599	<i>Bacillus licheniformis</i>	GCA_001726125.1_ASM172612v1_genomic.fna
3600	<i>Acinetobacter baumannii</i>	GCA_000021245.2_ASM2124v2_genomic.fna
3601	<i>Streptococcus suis</i>	GCA_000091905.1_ASM9190v1_genomic.fna

3602	<i>Mycoplasma hyopneumoniae</i>	GCA_000183185.1_ASM18318v1_genomic.fna
3603	<i>Vibrio vulnificus</i>	GCA_000186585.1_ASM18658v1_genomic.fna
3604	<i>Pseudomonas aeruginosa</i>	GCA_000026645.1_ASM2664v1_genomic.fna
3605	<i>Histophilus somni</i>	GCA_002162195.1_ASM216219v1_genomic.fna
3606	<i>Pseudomonas syringae</i>	GCA_000452705.3_ASM45270v3_genomic.fna
3607	<i>Bifidobacterium longum</i>	GCA_000092325.1_ASM9232v1_genomic.fna
3608	<i>Shigella flexneri</i>	GCA_000022245.1_ASM2224v1_genomic.fna
3609	<i>Bacillus anthracis</i>	GCA_000021445.1_ASM2144v1_genomic.fna
3610	<i>Streptococcus agalactiae</i>	GCA_000299135.1_ASM29913v1_genomic.fna
3611	<i>Fusobacterium nucleatum</i>	GCA_000163915.2_ASM16391v2_genomic.fna
3612	<i>Leptospira interrogans</i>	GCA_000941035.1_ASM94103v1_genomic.fna
3613	<i>Streptococcus pneumoniae</i>	GCA_000018965.1_ASM1896v1_genomic.fna
3614	<i>Streptococcus pyogenes</i>	GCA_000009385.1_ASM938v1_genomic.fna
3615	<i>Pseudomonas putida</i>	GCA_000019125.1_ASM1912v1_genomic.fna
3616	<i>Xylella fastidiosa</i>	GCA_000019765.1_ASM1976v1_genomic.fna
3617	<i>Neisseria meningitidis</i>	GCA_000014105.1_ASM1410v1_genomic.fna
3618	<i>Chlamydophila pneumoniae</i>	GCA_000024145.1_ASM2414v1_genomic.fna
3619	<i>Buchnera aphidicola</i>	GCA_000521565.1_ASM52156v1_genomic.fna
3620	<i>Helicobacter pylori</i>	GCA_000013245.1_ASM1324v1_genomic.fna
3621	<i>Escherichia coli</i>	GCA_000183345.1_ASM18334v1_genomic.fna
3622	<i>Haemophilus influenzae</i>	GCA_000165575.1_ASM16557v1_genomic.fna
3623	<i>Prochlorococcus marinus</i>	GCA_000012465.1_ASM1246v1_genomic.fna
3624	<i>Actinobacillus pleuropneumoniae</i>	GCA_001460855.1_MIDG2331_genomic.fna
3625	<i>Mycobacterium avium</i>	GCA_000390085.1_ASM39008v1_genomic.fna
3626	<i>Mycobacterium bovis</i>	GCA_000194075.3_ASM19407v3_genomic.fna
3627	<i>Mycobacterium tuberculosis</i>	GCA_000016925.1_ASM1692v1_genomic.fna
3628	<i>Clostridium perfringens</i>	GCA_001304735.1_ASM130473v1_genomic.fna
3629	<i>Listeria monocytogenes</i>	GCA_000022925.1_ASM2292v1_genomic.fna
3630	<i>Bacillus cereus</i>	GCA_000013065.1_ASM1306v1_genomic.fna
3631	<i>Staphylococcus epidermidis</i>	GCA_000759555.1_ASM75955v1_genomic.fna
3632	<i>Lactococcus lactis</i>	GCA_000025045.1_ASM2504v1_genomic.fna
3633	<i>Staphylococcus aureus</i>	GCA_000009645.1_ASM964v1_genomic.fna
3634	<i>Yersinia pestis</i>	GCA_000013805.1_ASM1380v1_genomic.fna
3635	<i>Campylobacter jejuni</i>	GCA_000015525.1_ASM1552v1_genomic.fna

3636	<i>Xanthomonas campestris</i>	GCA_000221965.1_ASM22196v1_genomic.fna
3637	<i>Pseudomonas fluorescens</i>	GCA_000262325.2_ASM26232v2_genomic.fna
3638	<i>Salmonella enterica</i>	GCA_000008105.1_ASM810v1_genomic.fna
3639	<i>Salmonella enterica</i>	GCA_000009505.1_ASM950v1_genomic.fna
3640	<i>Pseudomonas fluorescens</i>	GCA_000293885.3_ASM29388v3_genomic.fna
3641	<i>Xanthomonas campestris</i>	GCA_000972745.1_ASM97274v1_genomic.fna
3642	<i>Campylobacter jejuni</i>	GCA_000017485.1_ASM1748v1_genomic.fna
3643	<i>Yersinia pestis</i>	GCA_000013825.1_ASM1382v1_genomic.fna
3644	<i>Staphylococcus aureus</i>	GCA_000009665.1_ASM966v1_genomic.fna
3645	<i>Lactococcus lactis</i>	GCA_000143205.1_ASM14320v1_genomic.fna
3646	<i>Staphylococcus epidermidis</i>	GCA_001956655.2_ASM195665v2_genomic.fna
3647	<i>Bacillus cereus</i>	GCA_000021205.1_ASM2120v1_genomic.fna
3648	<i>Clostridium perfringens</i>	GCA_001579765.1_ASM157976v1_genomic.fna
3649	<i>Listeria monocytogenes</i>	GCA_000026705.1_ASM2670v1_genomic.fna
3650	<i>Mycobacterium tuberculosis</i>	GCA_000023625.1_ASM2362v1_genomic.fna
3651	<i>Mycobacterium bovis</i>	GCA_000234725.1_ASM23472v1_genomic.fna
3652	<i>Mycobacterium avium</i>	GCA_000758285.1_ASM75828v1_genomic.fna
3653	<i>Prochlorococcus marinus</i>	GCA_000012645.1_ASM1264v1_genomic.fna
3654	<i>Haemophilus influenzae</i>	GCA_000197875.1_ASM19787v1_genomic.fna
3655	<i>Escherichia coli</i>	GCA_000299455.1_ASM29945v1_genomic.fna
3656	<i>Helicobacter pylori</i>	GCA_000020245.1_ASM2024v1_genomic.fna
3657	<i>Buchnera aphidicola</i>	GCA_000090965.1_ASM9096v1_genomic.fna
3658	<i>Chlamydophila pneumoniae</i>	GCA_000091085.2_ASM9108v2_genomic.fna
3659	<i>Neisseria meningitidis</i>	GCA_000026965.1_ASM2696v1_genomic.fna
3660	<i>Xylella fastidiosa</i>	GCA_000148405.1_ASM14840v1_genomic.fna
3661	<i>Pseudomonas putida</i>	GCA_000019445.1_ASM1944v1_genomic.fna
3662	<i>Streptococcus pyogenes</i>	GCA_000011285.1_ASM1128v1_genomic.fna
3663	<i>Streptococcus pneumoniae</i>	GCA_000018985.1_ASM1898v1_genomic.fna
3664	<i>Leptospira interrogans</i>	GCA_001010765.1_ASM101076v1_genomic.fna
3665	<i>Fusobacterium nucleatum</i>	GCA_000400875.1_ASM40087v1_genomic.fna
3666	<i>Bacillus anthracis</i>	GCA_000022865.1_ASM2286v1_genomic.fna
3667	<i>Shigella flexneri</i>	GCA_000743955.1_ASM74395v1_genomic.fna
3668	<i>Bifidobacterium longum</i>	GCA_000166315.1_ASM16631v1_genomic.fna
3669	<i>Histophilus somni</i>	GCA_002162215.1_ASM216221v1_genomic.fna

3670	<i>Pseudomonas syringae</i>	GCA_000648735.3_ASM64873v3_genomic.fna
3671	<i>Vibrio vulnificus</i>	GCA_000746665.1_ASM74666v1_genomic.fna
3672	<i>Mycoplasma hyopneumoniae</i>	GCA_000400855.1_ASM40085v1_genomic.fna
3673	<i>Streptococcus suis</i>	GCA_000168355.3_ASM16835v3_genomic.fna
3674	<i>Acinetobacter baumannii</i>	GCA_000069245.1_ASM6924v1_genomic.fna
3675	<i>Streptococcus agalactiae</i>	GCA_000302475.3_ASM30247v3_genomic.fna
3676	<i>Pseudomonas aeruginosa</i>	GCA_000226155.1_ASM22615v1_genomic.fna
3677	<i>Bacillus licheniformis</i>	GCA_002074075.1_ASM207407v1_genomic.fna
3678	<i>Bacteroides fragilis</i>	GCA_001286525.1_BFBE1.1_genomic.fna
3679	<i>Legionella pneumophila</i>	GCA_000092625.1_ASM9262v1_genomic.fna
3680	<i>Streptococcus thermophilus</i>	GCA_000182875.1_ASM18287v1_genomic.fna
3681	<i>Shigella sonnei</i>	GCA_002142635.1_ASM214263v1_genomic.fna
3682	<i>Shewanella baltica</i>	GCA_000021665.1_ASM2166v1_genomic.fna
3683	<i>Lactobacillus reuteri</i>	GCA_000410995.1_ASM41099v1_genomic.fna
3684	<i>Bacillus pumilus</i>	GCA_001191605.1_ASM119160v1_genomic.fna
3685	<i>Corynebacterium glutamicum</i>	GCA_000404145.1_ASM40414v1_genomic.fna
3686	<i>Thermus thermophilus</i>	GCA_002355995.1_ASM235599v1_genomic.fna
3687	<i>Burkholderia cenocepacia</i>	GCA_000236215.4_ASM23621v4_genomic.fna
3688	<i>Mycoplasma genitalium</i>	GCA_000292505.1_ASM29250v1_genomic.fna
3689	<i>Chlamydia trachomatis</i>	GCA_000026925.1_ASM2692v1_genomic.fna
3690	<i>Burkholderia mallei</i>	GCA_000755785.1_ASM75578v1_genomic.fna
3691	<i>Ehrlichia chaffeensis</i>	GCA_000632905.1_ASM63290v1_genomic.fna
3692	<i>Bacillus thuringiensis</i>	GCA_000190515.1_ASM19051v1_genomic.fna
3693	<i>Burkholderia pseudomallei</i>	GCA_000260515.1_ASM26051v1_genomic.fna
3694	<i>Ralstonia solanacearum</i>	GCA_001586135.1_ASM158613v1_genomic.fna
3695	<i>Rhodopseudomonas palustris</i>	GCA_000195775.1_ASM19577v1_genomic.fna
3696	<i>Streptococcus salivarius</i>	GCA_000448685.2_ASM44868v2_genomic.fna
3697	<i>Vibrio cholerae</i>	GCA_000022585.1_ASM2258v1_genomic.fna
3698	<i>Rhodobacter sphaeroides</i>	GCA_001576595.1_ASM157659v1_genomic.fna
3699	<i>Yersinia pseudotuberculosis</i>	GCA_000750315.1_ASM75031v1_genomic.fna
3700	<i>Francisella tularensis</i>	GCA_000014605.1_ASM1460v1_genomic.fna
3701	<i>Brucella abortus</i>	GCA_000740135.1_ASM74013v1_genomic.fna
3702	<i>Lactobacillus delbrueckii</i>	GCA_001469775.1_ASM146977v1_genomic.fna
3703	<i>Mycoplasma capricolum</i>	GCA_000953235.1_ILRI181.1_genomic.fna

3704	<i>Xanthomonas citri</i>	GCA_000961155.1_ASM96115v1_genomic.fna
3705	<i>Campylobacter fetus</i>	GCA_000759485.1_ASM75948v1_genomic.fna
3706	<i>Xanthomonas oryzae</i>	GCA_000948075.1_ASM94807v1_genomic.fna
3707	<i>Clostridioides difficile</i>	GCA_000953275.1_CD630DERM_genomic.fna
3708	<i>Aeromonas salmonicida</i>	GCA_002313065.1_ASM231306v1_genomic.fna
3709	<i>Coxiella burnetii</i>	GCA_000019885.1_ASM1988v1_genomic.fna
3710	<i>Lactobacillus casei</i>	GCA_000309565.2_ASM30956v2_genomic.fna
3711	<i>Bacillus subtilis</i>	GCA_000227465.1_ASM22746v1_genomic.fna
3712	<i>Rickettsia rickettsii</i>	GCA_000283815.1_ASM28381v1_genomic.fna
3713	<i>Lactobacillus helveticus</i>	GCA_000422165.1_ASM42216v1_genomic.fna
3714	<i>Vibrio parahaemolyticus</i>	GCA_000568495.1_ASM56849v1_genomic.fna
3715	<i>Methylobacterium extorquens</i>	GCA_001971665.1_ASM197166v1_genomic.fna
3716	<i>Lactobacillus fermentum</i>	GCA_001742205.1_ASM174220v1_genomic.fna
3717	<i>Porphyromonas gingivalis</i>	GCA_001274615.1_ASM127461v1_genomic.fna
3718	<i>Ureaplasma parvum</i>	GCA_002205535.1_ASM220553v1_genomic.fna
3719	<i>Mycoplasma mycoides</i>	GCA_000253075.1_ASM25307v1_genomic.fna
3720	<i>Burkholderia thailandensis</i>	GCA_000567945.1_ASM56794v1_genomic.fna
3721	<i>Phaeobacter gallaeciensis</i>	GCA_002381325.1_ASM238132v1_genomic.fna
3722	<i>Burkholderia multivorans</i>	GCA_001718755.1_ASM171875v1_genomic.fna
3723	<i>Rickettsia prowazekii</i>	GCA_000277205.1_ASM27720v1_genomic.fna
3724	<i>Clostridium botulinum</i>	GCA_000017025.1_ASM1702v1_genomic.fna
3725	<i>Borrelia burgdorferi</i>	GCA_000444465.1_ASM44446v1_genomic.fna
3726	<i>Rhizobium leguminosarum</i>	GCA_000023185.1_ASM2318v1_genomic.fna
3727	<i>Clavibacter michiganensis</i>	GCA_001280205.1_ASM128020v1_genomic.fna
3728	<i>Brucella canis</i>	GCA_001715365.1_ASM171536v1_genomic.fna
3729	<i>Brucella suis</i>	GCA_000600055.1_ASM60005v1_genomic.fna
3730	<i>Enterococcus faecalis</i>	GCA_000281195.1_ASM28119v1_genomic.fna
3731	<i>Klebsiella pneumoniae</i>	GCA_000220485.1_ASM22048v1_genomic.fna
3732	<i>Rhizobium etli</i>	GCA_001664265.1_ASM166426v1_genomic.fna
3733	<i>Bifidobacterium animalis</i>	GCA_000092765.1_ASM9276v1_genomic.fna
3734	<i>Chlamydia psittaci</i>	GCA_000270425.1_ASM27042v1_genomic.fna
3735	<i>Bacillus amyloliquefaciens</i>	GCA_000242855.2_ASM24285v2_genomic.fna
3736	<i>Neisseria gonorrhoeae</i>	GCA_001047255.1_ASM104725v1_genomic.fna
3737	<i>Streptococcus mutans</i>	GCA_000817065.1_ASM81706v1_genomic.fna

3738	<i>Enterococcus faecium</i>	GCA_000737555.1_ASM73755v1_genomic.fna
3739	<i>Bacillus mycoides</i>	GCA_002104575.1_ASM210457v1_genomic.fna
3740	<i>Alteromonas macleodii</i>	GCA_001562235.1_ASM156223v1_genomic.fna
3741	<i>Stenotrophomonas maltophilia</i>	GCA_001274595.1_ASM127459v1_genomic.fna
3742	<i>Bifidobacterium bifidum</i>	GCA_001281345.1_ASM128134v1_genomic.fna
3743	<i>Streptococcus equi</i>	GCA_000696505.1_ASM69650v1_genomic.fna
3744	<i>Zymomonas mobilis</i>	GCA_000277755.1_ASM27775v1_genomic.fna
3745	<i>Haemophilus parasuis</i>	GCA_002055565.1_ASM205556v1_genomic.fna
3746	<i>Acetobacter pasteurianus</i>	GCA_000010885.1_ASM1088v1_genomic.fna
3747	<i>Pasteurella multocida</i>	GCA_000259545.1_ASM25954v1_genomic.fna
3748	<i>Francisella philomiragia</i>	GCA_000833295.1_ASM83329v1_genomic.fna
3749	<i>Lactobacillus rhamnosus</i>	GCA_000418475.1_ASM41847v1_genomic.fna
3750	<i>Caulobacter vibrioides</i>	GCA_002310375.2_ASM231037v2_genomic.fna
3751	<i>Brucella melitensis</i>	GCA_000227645.1_ASM22764v1_genomic.fna
3752	<i>Bacillus megaterium</i>	GCA_000225265.1_ASM22526v1_genomic.fna
3753	<i>Sinorhizobium meliloti</i>	GCA_000304415.1_RM41_genomic.fna
3754	<i>Bordetella bronchiseptica</i>	GCA_001704355.1_ASM170435v1_genomic.fna
3755	<i>Haemophilus ducreyi</i>	GCA_001647765.1_ASM164776v1_genomic.fna
3756	<i>Streptococcus gordonii</i>	GCA_002386285.1_ASM238628v1_genomic.fna
3757	<i>Bordetella pertussis</i>	GCA_000812165.1_ASM81216v1_genomic.fna
3758	<i>Corynebacterium diphtheriae</i>	GCA_000241915.1_ASM24191v1_genomic.fna
3759	<i>Mycobacterium smegmatis</i>	GCA_000767705.1_ASM76770v1_genomic.fna
3760	<i>Mycoplasma pneumoniae</i>	GCA_000319675.2_ASM31967v2_genomic.fna
3761	<i>Thermotoga maritima</i>	GCA_000978555.1_ASM97855v1_genomic.fna
3762	<i>Yersinia enterocolitica</i>	GCA_000834735.1_ASM83473v1_genomic.fna
3763	<i>Dehalococcoides mccartyi</i>	GCA_000025025.1_ASM2502v1_genomic.fna
3764	<i>Chlamydia muridarum</i>	GCA_000772145.1_ASM77214v1_genomic.fna
3765	<i>Leuconostoc mesenteroides</i>	GCA_001583825.1_ASM158382v1_genomic.fna
3766	<i>Lactobacillus plantarum</i>	GCA_000392485.2_ASM39248v2_genomic.fna
3767	<i>Chlamydia abortus</i>	GCA_900002515.1_1BCEVAC_genomic.fna
3768	<i>Lactobacillus acidophilus</i>	GCA_002286215.1_ASM228621v1_genomic.fna
3769	<i>Mannheimia haemolytica</i>	GCA_000422145.1_ASM42214v1_genomic.fna
3770	<i>Pediococcus pentosaceus</i>	GCA_002202155.1_ASM220215v1_genomic.fna
3771	<i>Lactobacillus brevis</i>	GCA_002117325.1_ASM211732v1_genomic.fna

3772	<i>Serratia marcescens</i>	GCA_001022215.1_ASM102221v1_genomic.fna
3773	<i>Moorella thermoacetica</i>	GCA_001874605.1_ASM187460v1_genomic.fna
3774	<i>Mycoplasma gallisepticum</i>	GCA_000286675.1_ASM28667v1_genomic.fna
3775	<i>Burkholderia vietnamiensis</i>	GCA_001718915.1_ASM171891v1_genomic.fna
3776	<i>Propionibacterium acnes</i>	GCA_000231215.1_ASM23121v1_genomic.fna
3777	<i>Campylobacter coli</i>	GCA_000583795.1_ASM58379v1_genomic.fna
3778	<i>Mycoplasma bovis</i>	GCA_001043135.1_ASM104313v1_genomic.fna
3779	<i>Campylobacter lari</i>	GCA_000816405.1_ASM81640v1_genomic.fna
3780	<i>Proteus mirabilis</i>	GCA_002055685.1_ASM205568v1_genomic.fna
3781	<i>Klebsiella oxytoca</i>	GCA_001548355.1_ASM154835v1_genomic.fna
3782	<i>Clostridium beijerinckii</i>	GCA_002003345.1_ASM200334v1_genomic.fna
3783	<i>Cronobacter sakazakii</i>	GCA_001277275.1_ASM127727v1_genomic.fna
3784	<i>Lactobacillus salivarius</i>	GCA_001723525.1_ASM172352v1_genomic.fna
3785	<i>Gluconobacter oxydans</i>	GCA_900175995.1_ASM90017599v1_genomic.fna
3786	<i>Enterobacter cloacae</i>	GCA_000512375.1_ASM51237v1_genomic.fna
3787	<i>Moraxella catarrhalis</i>	GCA_002080125.1_ASM208012v1_genomic.fna
3788	<i>Listeria ivanovii</i>	GCA_000763515.1_ASM76351v1_genomic.fna
3789	<i>Bifidobacterium breve</i>	GCA_000568975.1_ASM56897v1_genomic.fna
3790	<i>Mycobacterium abscessus</i>	GCA_000758385.1_ASM75838v1_genomic.fna
3791	<i>Bacillus coagulans</i>	GCA_001039495.1_ASM103949v1_genomic.fna
3792	<i>Paenibacillus polymyxa</i>	GCA_000597985.1_ASM59798v1_genomic.fna
3793	<i>Aeromonas hydrophila</i>	GCA_000633175.1_ASM63317v1_genomic.fna
3794	<i>Pseudomonas stutzeri</i>	GCA_000267545.1_ASM26754v1_genomic.fna
3795	<i>Granulibacter bethesdensis</i>	GCA_001889445.1_ASM188944v1_genomic.fna
3796	<i>Burkholderia ubonensis</i>	GCA_001718855.1_ASM171885v1_genomic.fna
3797	<i>Flavobacterium psychrophilum</i>	GCA_000767095.1_ASM76709v1_genomic.fna
3798	<i>Clostridium butyricum</i>	GCA_001886875.1_ASM188687v1_genomic.fna
3799	<i>Bdellovibrio bacteriovorus</i>	GCA_000317895.1_ASM31789v1_genomic.fna
3800	<i>Lactobacillus johnsonii</i>	GCA_001714745.1_ASM171474v1_genomic.fna
3801	<i>Lactobacillus sakei</i>	GCA_002370375.1_ASM237037v1_genomic.fna
3802	<i>Paenibacillus larvae</i>	GCA_002082155.1_ASM208215v1_genomic.fna
3803	<i>Mycobacterium intracellulare</i>	GCA_002285695.1_ASM228569v1_genomic.fna
3804	<i>Streptomyces albus</i>	GCA_001577385.1_ASM157738v1_genomic.fna
3805	<i>Aggregatibacter actinomycetemcomitans</i>	GCA_001594245.1_ASM159424v1_genomic.fna

3806	<i>Serratia symbiotica</i>	GCA_900016775.1_STsPazieg1.0_genomic.fna
3807	<i>Streptococcus intermedius</i>	GCA_002356055.1_ASM235605v1_genomic.fna
3808	<i>Mycoplasma hyorhinis</i>	GCA_000496815.1_ASM49681v1_genomic.fna
3809	<i>Gardnerella vaginalis</i>	GCA_001953155.1_ASM195315v1_genomic.fna
3810	<i>Lactobacillus paracasei</i>	GCA_001191565.1_ASM119156v1_genomic.fna
3811	<i>Bacillus atrophaeus</i>	GCA_002688645.1_ASM268864v1_genomic.fna
3812	<i>Klebsiella variicola</i>	GCA_001989495.1_ASM198949v1_genomic.fna
3813	<i>Achromobacter xylosoxidans</i>	GCA_001558755.1_ASM155875v1_genomic.fna
3814	<i>Vibrio alginolyticus</i>	GCA_002119505.1_ASM211950v1_genomic.fna
3815	<i>Pediococcus acidilactici</i>	GCA_002174215.1_ASM217421v1_genomic.fna
3816	<i>Corynebacterium pseudotuberculosis</i>	GCA_000221625.1_ASM22162v1_genomic.fna
3817	<i>Acinetobacter pittii</i>	GCA_002158945.1_ASM215894v1_genomic.fna
3818	<i>Riemerella anatipestifer</i>	GCA_000331695.1_ASM33169v1_genomic.fna
3819	<i>Staphylococcus lugdunensis</i>	GCA_002073395.1_ASM207339v1_genomic.fna
3820	<i>Streptococcus anginosus</i>	GCA_001412635.1_ASM141263v1_genomic.fna
3821	<i>Pantoea ananatis</i>	GCA_001543055.1_ASM154305v1_genomic.fna
3822	<i>Streptococcus gallolyticus</i>	GCA_001477575.1_ASM147757v1_genomic.fna
3823	<i>Taylorella equigenitalis</i>	GCA_002288155.1_ASM228815v1_genomic.fna
3824	<i>Ketogulonicigenium vulgare</i>	GCA_001855295.1_ASM185529v1_genomic.fna
3825	<i>Citrobacter freundii</i>	GCA_001702455.1_ASM170245v1_genomic.fna
3826	<i>Vibrio anguillarum</i>	GCA_002163795.1_ASM216379v1_genomic.fna
3827	<i>Enterobacter hormaechei</i>	GCA_000814205.1_ASM81420v1_genomic.fna
3828	<i>Weissella cibaria</i>	GCA_002243305.1_ASM224330v1_genomic.fna
3829	<i>Klebsiella aerogenes</i>	GCA_001571545.2_ASM157154v2_genomic.fna
3830	<i>Staphylococcus pseudintermedius</i>	GCA_001685665.2_ASM168566v2_genomic.fna
3831	<i>Corynebacterium ulcerans</i>	GCA_000767415.1_ASM76741v1_genomic.fna
3832	<i>Burkholderia cepacia</i>	GCA_000974835.2_ASM97483v2_genomic.fna
3833	<i>Lactobacillus curvatus</i>	GCA_002224505.1_ASM222450v1_genomic.fna
3834	<i>Pediococcus damnosus</i>	GCA_001611155.1_ASM161115v1_genomic.fna
3835	<i>Prevotella intermedia</i>	GCA_002355195.1_ASM235519v1_genomic.fna
3836	<i>Clostridium pasteurianum</i>	GCA_001856645.1_ASM185664v1_genomic.fna
3837	<i>Vibrio campbellii</i>	GCA_002142655.1_ASM214265v1_genomic.fna
3838	<i>Rickettsia japonica</i>	GCA_002357155.1_ASM235715v1_genomic.fna
3839	<i>Moraxella bovoculi</i>	GCA_000988705.1_ASM98870v1_genomic.fna

3840	<i>Flavobacterium columnare</i>	GCA_001936395.1_ASM193639v1_genomic.fna
3841	<i>Piscirickettsia salmonis</i>	GCA_001534725.1_ASM153472v1_genomic.fna
3842	<i>Francisella noatunensis</i>	GCA_001042565.2_ASM104256v2_genomic.fna
3843	<i>Elizabethkingia anophelis</i>	GCA_001618465.2_ASM161846v2_genomic.fna
3844	<i>Rhizobium phaseoli</i>	GCA_001664185.1_ASM166418v1_genomic.fna
3845	<i>Xanthomonas fragariae</i>	GCA_900183995.1_PD5205.1_genomic.fna
3846	<i>Pseudomonas chlororaphis</i>	GCA_001602135.1_ASM160213v1_genomic.fna
3847	<i>Serratia plymuthica</i>	GCA_001663115.1_ASM166311v1_genomic.fna
3848	<i>Acidipropionibacterium acidipropionici</i>	GCA_001975205.1_ASM197520v1_genomic.fna
3849	<i>Bordetella holmesii</i>	GCA_001704215.1_ASM170421v1_genomic.fna
3850	<i>Bacillus safensis</i>	GCA_002077215.1_ASM207721v1_genomic.fna
3851	<i>Vibrio natriegens</i>	GCA_001680085.1_ASM168008v1_genomic.fna
3852	<i>Raoultella ornithinolytica</i>	GCA_001866535.1_ASM186653v1_genomic.fna
3853	<i>Clostridium saccharobutylicum</i>	GCA_002003385.1_ASM200338v1_genomic.fna
3854	<i>Pandoraea pnomenusa</i>	GCA_001636275.1_ASM163627v1_genomic.fna
3855	<i>Bacillus velezensis</i>	GCA_000341875.1_ASM34187v1_genomic.fna
3856	<i>Klebsiella michiganensis</i>	GCA_000963575.1_ASM96357v1_genomic.fna
3857	<i>Staphylococcus schleiferi</i>	GCA_001548255.1_ASM154825v1_genomic.fna
3858	<i>Oblitimonas alkaliphila</i>	GCA_001267275.1_ASM126727v1_genomic.fna
3859	<i>Mycobacterium chimaera</i>	GCA_002219285.1_ASM221928v1_genomic.fna
3860	<i>Alteromonas mediterranea</i>	GCA_000439555.1_ASM43955v1_genomic.fna
3861	<i>Lactobacillus backii</i>	GCA_001663755.1_ASM166375v1_genomic.fna
3862	<i>Campylobacter pinnipediorum</i>	GCA_002022005.1_ASM202200v1_genomic.fna
3863	<i>Alteromonas mediterranea</i>	GCA_000439575.1_ASM43957v1_genomic.fna
3864	<i>Mycobacterium chimaera</i>	GCA_002240155.1_ASM224015v1_genomic.fna
3865	<i>Oblitimonas alkaliphila</i>	GCA_001267295.1_ASM126729v1_genomic.fna
3866	<i>Klebsiella michiganensis</i>	GCA_002216835.1_ASM221683v1_genomic.fna
3867	<i>Bacillus velezensis</i>	GCA_000455565.1_ucmb5033v1_genomic.fna
3868	<i>Raoultella ornithinolytica</i>	GCA_002214825.1_ASM221482v1_genomic.fna
3869	<i>Serratia plymuthica</i>	GCA_001663135.1_ASM166313v1_genomic.fna
3870	<i>Pseudomonas chlororaphis</i>	GCA_002355875.1_ASM235587v1_genomic.fna
3871	<i>Rhizobium phaseoli</i>	GCA_001664205.1_ASM166420v1_genomic.fna
3872	<i>Elizabethkingia anophelis</i>	GCA_001618505.2_ASM161850v2_genomic.fna
3873	<i>Francisella noatunensis</i>	GCA_001190905.2_ASM119090v2_genomic.fna

3874	<i>Piscirickettsia salmonis</i>	GCA_001746795.1_ASM174679v1_genomic.fna
3875	<i>Moraxella bovoculi</i>	GCA_000988745.1_ASM98874v1_genomic.fna
3876	<i>Rickettsia japonica</i>	GCA_002357175.1_ASM235717v1_genomic.fna
3877	<i>Vibrio campbellii</i>	GCA_002163755.1_ASM216375v1_genomic.fna
3878	<i>Clostridium pasteurianum</i>	GCA_001856695.1_ASM185669v1_genomic.fna
3879	<i>Burkholderia cepacia</i>	GCA_001718395.1_ASM171839v1_genomic.fna
3880	<i>Corynebacterium ulcerans</i>	GCA_000767645.1_ASM76764v1_genomic.fna
3881	<i>Klebsiella aerogenes</i>	GCA_001593585.1_ASM159358v1_genomic.fna
3882	<i>Vibrio anguillarum</i>	GCA_002211505.1_ASM221150v1_genomic.fna
3883	<i>Enterobacter hormaechei</i>	GCA_000814225.1_ASM81422v1_genomic.fna
3884	<i>Citrobacter freundii</i>	GCA_001718055.1_ASM171805v1_genomic.fna
3885	<i>Taylorella equigenitalis</i>	GCA_002288205.1_ASM228820v1_genomic.fna
3886	<i>Pantoea ananatis</i>	GCA_002224585.1_ASM222458v1_genomic.fna
3887	<i>Streptococcus anginosus</i>	GCA_001697145.1_ASM169714v1_genomic.fna
3888	<i>Staphylococcus lugdunensis</i>	GCA_002250095.2_ASM225009v2_genomic.fna
3889	<i>Riemerella anatipestifer</i>	GCA_000734055.1_ASM73405v1_genomic.fna
3890	<i>Corynebacterium pseudotuberculosis</i>	GCA_000227175.1_ASM22717v1_genomic.fna
3891	<i>Vibrio alginolyticus</i>	GCA_002119525.1_ASM211952v1_genomic.fna
3892	<i>Klebsiella variicola</i>	GCA_001989515.1_ASM198951v1_genomic.fna
3893	<i>Lactobacillus paracasei</i>	GCA_001244395.1_ASM124439v1_genomic.fna
3894	<i>Mycoplasma hyorhinis</i>	GCA_001705605.1_ASM170560v1_genomic.fna
3895	<i>Aggregatibacter actinomycetemcomitans</i>	GCA_001690155.1_ASM169015v1_genomic.fna
3896	<i>Streptomyces albus</i>	GCA_001753425.1_ASM175342v1_genomic.fna
3897	<i>Bdellovibrio bacteriovorus</i>	GCA_000691605.1_ASM69160v1_genomic.fna
3898	<i>Lactobacillus johnsonii</i>	GCA_002176835.1_ASM217683v1_genomic.fna
3899	<i>Flavobacterium psychrophilum</i>	GCA_000831185.1_ASM83118v1_genomic.fna
3900	<i>Burkholderia ubonensis</i>	GCA_001718975.1_ASM171897v1_genomic.fna
3901	<i>Granulibacter bethesdensis</i>	GCA_001889465.1_ASM188946v1_genomic.fna
3902	<i>Pseudomonas stutzeri</i>	GCA_000279165.1_ASM27916v1_genomic.fna
3903	<i>Aeromonas hydrophila</i>	GCA_000635955.1_ASM63595v1_genomic.fna
3904	<i>Paenibacillus polymyxa</i>	GCA_000819665.1_ASM81966v1_genomic.fna
3905	<i>Bacillus coagulans</i>	GCA_001870065.1_ASM187006v1_genomic.fna
3906	<i>Mycobacterium abscessus</i>	GCA_000770175.1_ASM77017v1_genomic.fna
3907	<i>Bifidobacterium breve</i>	GCA_000569015.1_ASM56901v1_genomic.fna

3908	<i>Listeria ivanovii</i>	GCA_900187025.1_49923_F01_genomic.fna
3909	<i>Enterobacter cloacae</i>	GCA_000724505.1_ASM72450v1_genomic.fna
3910	<i>Lactobacillus salivarius</i>	GCA_002162055.1_ASM216205v1_genomic.fna
3911	<i>Klebsiella oxytoca</i>	GCA_001870185.1_ASM187018v1_genomic.fna
3912	<i>Proteus mirabilis</i>	GCA_002180115.1_ASM218011v1_genomic.fna
3913	<i>Campylobacter lari</i>	GCA_000816425.1_ASM81642v1_genomic.fna
3914	<i>Mycoplasma bovis</i>	GCA_001611865.1_ASM161186v1_genomic.fna
3915	<i>Campylobacter coli</i>	GCA_000954195.1_ASM95419v1_genomic.fna
3916	<i>Propionibacterium acnes</i>	GCA_000240015.1_ASM24001v1_genomic.fna
3917	<i>Mycoplasma gallisepticum</i>	GCA_000286695.1_ASM28669v1_genomic.fna
3918	<i>Lactobacillus brevis</i>	GCA_002117345.1_ASM211734v1_genomic.fna
3919	<i>Mannheimia haemolytica</i>	GCA_000427275.1_ASM42727v1_genomic.fna
3920	<i>Lactobacillus plantarum</i>	GCA_000412205.1_ASM41220v1_genomic.fna
3921	<i>Serratia marcescens</i>	GCA_001280365.1_ASM128036v1_genomic.fna
3922	<i>Leuconostoc mesenteroides</i>	GCA_001886915.1_ASM188691v1_genomic.fna
3923	<i>Chlamydia muridarum</i>	GCA_000830945.1_ASM83094v1_genomic.fna
3924	<i>Dehalococcoides mccartyi</i>	GCA_000025585.1_ASM2558v1_genomic.fna
3925	<i>Yersinia enterocolitica</i>	GCA_000968115.1_ASM96811v1_genomic.fna
3926	<i>Thermotoga maritima</i>	GCA_000978575.1_ASM97857v1_genomic.fna
3927	<i>Mycobacterium smegmatis</i>	GCA_001457595.1_NCTC8159_genomic.fna
3928	<i>Mycoplasma pneumoniae</i>	GCA_000331085.2_ASM33108v2_genomic.fna
3929	<i>Corynebacterium diphtheriae</i>	GCA_000241935.1_ASM24193v1_genomic.fna
3930	<i>Haemophilus ducreyi</i>	GCA_001647795.1_ASM164779v1_genomic.fna
3931	<i>Bordetella pertussis</i>	GCA_001013565.1_BPD420_genomic.fna
3932	<i>Sinorhizobium meliloti</i>	GCA_000320385.2_ASM32038v2_genomic.fna
3933	<i>Bacillus megaterium</i>	GCA_001050455.1_ASM105045v1_genomic.fna
3934	<i>Caulobacter vibrioides</i>	GCA_002310455.1_ASM231045v1_genomic.fna
3935	<i>Brucella melitensis</i>	GCA_000740355.1_ASM74035v1_genomic.fna
3936	<i>Lactobacillus rhamnosus</i>	GCA_000418495.1_ASM41849v1_genomic.fna
3937	<i>Francisella philomiragia</i>	GCA_000833315.1_ASM83331v1_genomic.fna
3938	<i>Pasteurella multocida</i>	GCA_000512395.1_ASM51239v1_genomic.fna
3939	<i>Acetobacter pasteurianus</i>	GCA_000010905.1_ASM1090v1_genomic.fna
3940	<i>Zymomonas mobilis</i>	GCA_000498655.1_ASM49865v1_genomic.fna
3941	<i>Stenotrophomonas maltophilia</i>	GCA_001274655.1_ASM127465v1_genomic.fna

3942	<i>Alteromonas macleodii</i>	GCA_001578515.1_ASM157851v1_genomic.fna
3943	<i>Enterococcus faecium</i>	GCA_001298485.1_ASM129848v1_genomic.fna
3944	<i>Streptococcus mutans</i>	GCA_001558215.1_ASM155821v1_genomic.fna
3945	<i>Neisseria gonorrhoeae</i>	GCA_001047275.1_ASM104727v1_genomic.fna
3946	<i>Bacillus amyloliquefaciens</i>	GCA_000262385.1_ASM26238v1_genomic.fna
3947	<i>Chlamydia psittaci</i>	GCA_000270445.1_ASM27044v1_genomic.fna
3948	<i>Bifidobacterium animalis</i>	GCA_000220885.1_ASM22088v1_genomic.fna
3949	<i>Rhizobium etli</i>	GCA_001908375.1_ASM190837v1_genomic.fna
3950	<i>Enterococcus faecalis</i>	GCA_000317915.1_ASM31791v1_genomic.fna
3951	<i>Brucella suis</i>	GCA_000698245.1_ASM69824v1_genomic.fna
3952	<i>Brucella canis</i>	GCA_001715405.1_ASM171540v1_genomic.fna
3953	<i>Borrelia burgdorferi</i>	GCA_002151465.1_ASM215146v1_genomic.fna
3954	<i>Rhizobium leguminosarum</i>	GCA_000520875.1_ASM52087v1_genomic.fna
3955	<i>Klebsiella pneumoniae</i>	GCA_000281435.2_ASM28143v2_genomic.fna
3956	<i>Clostridium botulinum</i>	GCA_000017065.1_ASM1706v1_genomic.fna
3957	<i>Rickettsia prowazekii</i>	GCA_000277245.1_ASM27724v1_genomic.fna
3958	<i>Burkholderia multivorans</i>	GCA_001718995.1_ASM171899v1_genomic.fna
3959	<i>Phaeobacter gallaeciensis</i>	GCA_002381365.1_ASM238136v1_genomic.fna
3960	<i>Burkholderia thailandensis</i>	GCA_000706745.1_ASM70674v1_genomic.fna
3961	<i>Ureaplasma parvum</i>	GCA_002205595.1_ASM220559v1_genomic.fna
3962	<i>Mycoplasma mycoides</i>	GCA_000800785.1_ASM80078v1_genomic.fna
3963	<i>Porphyromonas gingivalis</i>	GCA_001314265.1_ASM131426v1_genomic.fna
3964	<i>Lactobacillus fermentum</i>	GCA_001941785.1_ASM194178v1_genomic.fna
3965	<i>Vibrio parahaemolyticus</i>	GCA_001244315.1_ASM124431v1_genomic.fna
3966	<i>Rickettsia rickettsii</i>	GCA_000283935.1_ASM28393v1_genomic.fna
3967	<i>Lactobacillus helveticus</i>	GCA_000525715.1_ASM52571v1_genomic.fna
3968	<i>Bacillus subtilis</i>	GCA_000227485.1_ASM22748v1_genomic.fna
3969	<i>Lactobacillus casei</i>	GCA_000318035.1_ASM31803v1_genomic.fna
3970	<i>Coxiella burnetii</i>	GCA_000168875.3_ASM16887v3_genomic.fna
3971	<i>Clostridioides difficile</i>	GCA_001577795.1_ASM157779v1_genomic.fna
3972	<i>Xanthomonas oryzae</i>	GCA_001021915.1_ASM102191v1_genomic.fna
3973	<i>Campylobacter fetus</i>	GCA_000759515.1_ASM75951v1_genomic.fna
3974	<i>Xanthomonas citri</i>	GCA_000961175.1_ASM96117v1_genomic.fna
3975	<i>Mycoplasma capricolum</i>	GCA_000953375.1_F38.1_genomic.fna

3976	<i>Lactobacillus delbrueckii</i>	GCA_001888905.1_ASM188890v1_genomic.fna
3977	<i>Brucella abortus</i>	GCA_000740155.1_ASM74015v1_genomic.fna
3978	<i>Francisella tularensis</i>	GCA_000014645.1_ASM1464v1_genomic.fna
3979	<i>Rhodobacter sphaeroides</i>	GCA_001685625.1_ASM168562v1_genomic.fna
3980	<i>Yersinia pseudotuberculosis</i>	GCA_000834295.1_ASM83429v1_genomic.fna
3981	<i>Streptococcus salivarius</i>	GCA_001543085.1_ASM154308v1_genomic.fna
3982	<i>Vibrio cholerae</i>	GCA_000166455.2_ASM16645v2_genomic.fna
3983	<i>Ralstonia solanacearum</i>	GCA_001587135.1_ASM158713v1_genomic.fna
3984	<i>Burkholderia pseudomallei</i>	GCA_000294635.1_ASM29463v1_genomic.fna
3985	<i>Bacillus thuringiensis</i>	GCA_000193355.1_ASM19335v1_genomic.fna
3986	<i>Ehrlichia chaffeensis</i>	GCA_000632925.1_ASM63292v1_genomic.fna
3987	<i>Burkholderia mallei</i>	GCA_000755845.1_ASM75584v1_genomic.fna
3988	<i>Burkholderia cenocepacia</i>	GCA_000755725.1_ASM75572v1_genomic.fna
3989	<i>Chlamydia trachomatis</i>	GCA_000068525.2_ASM6852v2_genomic.fna
3990	<i>Corynebacterium glutamicum</i>	GCA_000404185.1_ASM40418v1_genomic.fna
3991	<i>Bacillus pumilus</i>	GCA_001431145.1_ASM143114v1_genomic.fna
3992	<i>Shewanella baltica</i>	GCA_000147735.3_ASM14773v3_genomic.fna
3993	<i>Lactobacillus reuteri</i>	GCA_000439275.1_ASM43927v1_genomic.fna
3994	<i>Shigella sonnei</i>	GCA_002150905.1_ASM215090v1_genomic.fna
3995	<i>Streptococcus thermophilus</i>	GCA_000262675.1_ASM26267v1_genomic.fna
3996	<i>Legionella pneumophila</i>	GCA_000239175.1_ASM23917v1_genomic.fna
3997	<i>Bacteroides fragilis</i>	GCA_001682215.1_ASM168221v1_genomic.fna
3998	<i>Bacillus licheniformis</i>	GCA_002074095.1_ASM207409v1_genomic.fna
3999	<i>Pseudomonas aeruginosa</i>	GCA_000271365.1_ASM27136v1_genomic.fna
4000	<i>Streptococcus agalactiae</i>	GCA_000427035.1_09mas018883_genomic.fna
4001	<i>Acinetobacter baumannii</i>	GCA_000186665.4_ASM18666v4_genomic.fna
4002	<i>Streptococcus suis</i>	GCA_000186405.1_ASM18640v1_genomic.fna
4003	<i>Mycoplasma hyopneumoniae</i>	GCA_000427215.1_ASM42721v1_genomic.fna
4004	<i>Vibrio vulnificus</i>	GCA_001433435.1_ASM143343v1_genomic.fna
4005	<i>Histophilus somni</i>	GCA_002162235.1_ASM216223v1_genomic.fna
4006	<i>Pseudomonas syringae</i>	GCA_000988395.1_ASM98839v1_genomic.fna
4007	<i>Bifidobacterium longum</i>	GCA_000196555.1_ASM19655v1_genomic.fna
4008	<i>Shigella flexneri</i>	GCA_000743995.1_ASM74399v1_genomic.fna
4009	<i>Leptospira interrogans</i>	GCA_001047635.1_ASM104763v1_genomic.fna

4010	<i>Fusobacterium nucleatum</i>	GCA_001296085.1_ASM129608v1_genomic.fna
4011	<i>Bacillus anthracis</i>	GCA_000258885.1_ASM25888v1_genomic.fna
4012	<i>Streptococcus pneumoniae</i>	GCA_000019005.1_ASM1900v1_genomic.fna
4013	<i>Streptococcus pyogenes</i>	GCA_000011665.1_ASM1166v1_genomic.fna
4014	<i>Xylella fastidiosa</i>	GCA_000698805.1_ASM69880v1_genomic.fna
4015	<i>Pseudomonas putida</i>	GCA_000183645.1_ASM18364v1_genomic.fna
4016	<i>Neisseria meningitidis</i>	GCA_000083565.1_ASM8356v1_genomic.fna
4017	<i>Buchnera aphidicola</i>	GCA_000217635.1_ASM21763v1_genomic.fna
4018	<i>Chlamydia pneumoniae</i>	GCA_001007025.1_Wien1_genomic.fna
4019	<i>Helicobacter pylori</i>	GCA_000021165.1_ASM2116v1_genomic.fna
4020	<i>Haemophilus influenzae</i>	GCA_000200475.1_ASM20047v1_genomic.fna
4021	<i>Prochlorococcus marinus</i>	GCA_000015645.1_ASM1564v1_genomic.fna
4022	<i>Mycobacterium tuberculosis</i>	GCA_000153685.2_ASM15368v2_genomic.fna
4023	<i>Mycobacterium avium</i>	GCA_000770235.1_ASM77023v1_genomic.fna
4024	<i>Mycobacterium bovis</i>	GCA_000338715.2_ASM33871v2_genomic.fna
4025	<i>Clostridium perfringens</i>	GCA_001579785.1_ASM157978v1_genomic.fna
4026	<i>Listeria monocytogenes</i>	GCA_000093125.2_ASM9312v2_genomic.fna
4027	<i>Bacillus cereus</i>	GCA_000021225.1_ASM2122v1_genomic.fna
4028	<i>Lactococcus lactis</i>	GCA_000192705.1_ASM19270v1_genomic.fna
4029	<i>Staphylococcus epidermidis</i>	GCA_002085695.1_ASM208569v1_genomic.fna
4030	<i>Staphylococcus aureus</i>	GCA_000010445.1_ASM1044v1_genomic.fna
4031	<i>Yersinia pestis</i>	GCA_000016445.1_ASM1644v1_genomic.fna
4032	<i>Campylobacter jejuni</i>	GCA_000017905.1_ASM1790v1_genomic.fna
4033	<i>Xanthomonas campestris</i>	GCA_001186415.1_ASM118641v1_genomic.fna
4034	<i>Pseudomonas fluorescens</i>	GCA_000730425.1_ASM73042v1_genomic.fna
4035	<i>Salmonella enterica</i>	GCA_000009525.1_ASM952v1_genomic.fna
4036	<i>Salmonella enterica</i>	GCA_000011885.1_ASM1188v1_genomic.fna
4037	<i>Campylobacter jejuni</i>	GCA_000025425.1_ASM2542v1_genomic.fna
4038	<i>Xanthomonas campestris</i>	GCA_001186465.1_ASM118646v1_genomic.fna
4039	<i>Pseudomonas fluorescens</i>	GCA_000934565.1_ASM93456v1_genomic.fna
4040	<i>Yersinia pestis</i>	GCA_000018805.1_ASM1880v1_genomic.fna
4041	<i>Staphylococcus aureus</i>	GCA_000010465.1_ASM1046v1_genomic.fna
4042	<i>Lactococcus lactis</i>	GCA_000236475.1_ASM23647v1_genomic.fna
4043	<i>Staphylococcus epidermidis</i>	GCA_002215535.1_ASM221553v1_genomic.fna

4044	<i>Bacillus cereus</i>	GCA_000021305.1_ASM2130v1_genomic.fna
4045	<i>Clostridium perfringens</i>	GCA_001854085.1_ASM185408v1_genomic.fna
4046	<i>Listeria monocytogenes</i>	GCA_000168575.2_ASM16857v2_genomic.fna
4047	<i>Mycobacterium avium</i>	GCA_000829075.1_ASM82907v1_genomic.fna
4048	<i>Mycobacterium bovis</i>	GCA_000758245.1_ASM75824v1_genomic.fna
4049	<i>Mycobacterium tuberculosis</i>	GCA_000154585.2_ASM15458v2_genomic.fna
4050	<i>Haemophilus influenzae</i>	GCA_000210875.1_ASM21087v1_genomic.fna
4051	<i>Prochlorococcus marinus</i>	GCA_000015665.1_ASM1566v1_genomic.fna
4052	<i>Escherichia coli</i>	GCA_000007445.1_ASM744v1_genomic.fna
4053	<i>Helicobacter pylori</i>	GCA_000021465.1_ASM2146v1_genomic.fna
4054	<i>Chlamydia pneumoniae</i>	GCA_001007045.1_K7_genomic.fna
4055	<i>Buchnera aphidicola</i>	GCA_000225445.1_ASM22544v1_genomic.fna
4056	<i>Neisseria meningitidis</i>	GCA_000152165.1_ASM15216v1_genomic.fna
4057	<i>Pseudomonas putida</i>	GCA_000219705.1_ASM21970v1_genomic.fna
4058	<i>Xylella fastidiosa</i>	GCA_000698825.1_ASM69882v1_genomic.fna
4059	<i>Streptococcus pyogenes</i>	GCA_000011765.2_ASM1176v2_genomic.fna
4060	<i>Streptococcus pneumoniae</i>	GCA_000019025.1_ASM1902v1_genomic.fna
4061	<i>Fusobacterium nucleatum</i>	GCA_001296145.1_ASM129614v1_genomic.fna
4062	<i>Leptospira interrogans</i>	GCA_001047655.1_ASM104765v1_genomic.fna
4063	<i>Shigella flexneri</i>	GCA_000953035.1_NCTC1_genomic.fna
4064	<i>Bacillus anthracis</i>	GCA_000512835.2_ASM51283v2_genomic.fna
4065	<i>Bifidobacterium longum</i>	GCA_000196575.1_ASM19657v1_genomic.fna
4066	<i>Pseudomonas syringae</i>	GCA_000988485.1_ASM98848v1_genomic.fna
4067	<i>Histophilus somni</i>	GCA_002162255.1_ASM216225v1_genomic.fna
4068	<i>Vibrio vulnificus</i>	GCA_001558515.1_ASM155851v1_genomic.fna
4069	<i>Mycoplasma hyopneumoniae</i>	GCA_002257505.1_ASM225750v1_genomic.fna
4070	<i>Streptococcus suis</i>	GCA_000204625.1_ASM20462v1_genomic.fna
4071	<i>Acinetobacter baumannii</i>	GCA_000187205.4_ASM18720v4_genomic.fna
4072	<i>Streptococcus agalactiae</i>	GCA_000427075.1_ILRI005_genomic.fna
4073	<i>Pseudomonas aeruginosa</i>	GCA_000271985.2_ASM27198v2_genomic.fna
4074	<i>Bacillus licheniformis</i>	GCA_002074115.1_ASM207411v1_genomic.fna
4075	<i>Legionella pneumophila</i>	GCA_000306845.1_ASM30684v1_genomic.fna
4076	<i>Streptococcus thermophilus</i>	GCA_000698885.1_ASM69888v1_genomic.fna
4077	<i>Lactobacillus reuteri</i>	GCA_001046835.1_ASM104683v1_genomic.fna

4078	<i>Shewanella baltica</i>	GCA_000215895.1_ASM21589v1_genomic.fna
4079	<i>Bacillus pumilus</i>	GCA_001431785.1_ASM143178v1_genomic.fna
4080	<i>Corynebacterium glutamicum</i>	GCA_000445015.1_ASM44501v1_genomic.fna
4081	<i>Chlamydia trachomatis</i>	GCA_000092485.1_ASM9248v1_genomic.fna
4082	<i>Burkholderia cenocepacia</i>	GCA_000764955.1_ASM76495v1_genomic.fna
4083	<i>Shigella sonnei</i>	GCA_002224605.1_ASM222460v1_genomic.fna
4084	<i>Burkholderia mallei</i>	GCA_000755865.1_ASM75586v1_genomic.fna
4085	<i>Burkholderia pseudomallei</i>	GCA_000439695.1_ASM43969v1_genomic.fna
4086	<i>Ehrlichia chaffeensis</i>	GCA_000632945.1_ASM63294v1_genomic.fna
4087	<i>Bacillus thuringiensis</i>	GCA_000292455.1_ASM29245v1_genomic.fna
4088	<i>Ralstonia solanacearum</i>	GCA_001587155.1_ASM158715v1_genomic.fna
4089	<i>Vibrio cholerae</i>	GCA_000195065.1_ASM19506v1_genomic.fna
4090	<i>Rhodopseudomonas palustris</i>	GCA_000013685.1_ASM1368v1_genomic.fna
4091	<i>Streptococcus salivarius</i>	GCA_002073835.1_ASM207383v1_genomic.fna
4092	<i>Rhodobacter sphaeroides</i>	GCA_002706325.1_ASM270632v1_genomic.fna
4093	<i>Yersinia pseudotuberculosis</i>	GCA_000834355.1_ASM83435v1_genomic.fna
4094	<i>Francisella tularensis</i>	GCA_000016105.1_ASM1610v1_genomic.fna
4095	<i>Brucella abortus</i>	GCA_000740175.1_ASM74017v1_genomic.fna
4096	<i>Lactobacillus delbrueckii</i>	GCA_001888925.1_ASM188892v1_genomic.fna
4097	<i>Mycoplasma capricolum</i>	GCA_002009215.1_ASM200921v1_genomic.fna
4098	<i>Xanthomonas citri</i>	GCA_000961195.1_ASM96119v1_genomic.fna
4099	<i>Campylobacter fetus</i>	GCA_000814265.1_ASM81426v1_genomic.fna
4100	<i>Xanthomonas oryzae</i>	GCA_001042735.1_ASM104273v1_genomic.fna
4101	<i>Clostridioides difficile</i>	GCA_002007885.1_ASM200788v1_genomic.fna
4102	<i>Coxiella burnetii</i>	GCA_000367725.3_Z3055_genomic.fna
4103	<i>Bacillus subtilis</i>	GCA_000293765.1_ASM29376v1_genomic.fna
4104	<i>Lactobacillus casei</i>	GCA_000418515.1_ASM41851v1_genomic.fna
4105	<i>Lactobacillus helveticus</i>	GCA_000961015.1_ASM96101v1_genomic.fna
4106	<i>Rickettsia rickettsii</i>	GCA_000283955.1_ASM28395v1_genomic.fna
4107	<i>Vibrio parahaemolyticus</i>	GCA_001304775.1_ASM130477v1_genomic.fna
4108	<i>Lactobacillus fermentum</i>	GCA_002119645.1_ASM211964v1_genomic.fna
4109	<i>Mycoplasma mycoides</i>	GCA_001267815.1_ASM126781v1_genomic.fna
4110	<i>Ureaplasma parvum</i>	GCA_002205735.1_ASM220573v1_genomic.fna
4111	<i>Burkholderia thailandensis</i>	GCA_000764595.1_ASM76459v1_genomic.fna

4112	<i>Phaeobacter gallaeciensis</i>	GCA_002381385.1_ASM238138v1_genomic.fna
4113	<i>Rickettsia prowazekii</i>	GCA_000277265.1_ASM27726v1_genomic.fna
4114	<i>Clostridium botulinum</i>	GCA_000019305.1_ASM1930v1_genomic.fna
4115	<i>Klebsiella pneumoniae</i>	GCA_000281535.2_ASM28153v2_genomic.fna
4116	<i>Borrelia burgdorferi</i>	GCA_002151485.1_ASM215148v1_genomic.fna
4117	<i>Rhizobium leguminosarum</i>	GCA_001890425.1_ASM189042v1_genomic.fna
4118	<i>Brucella canis</i>	GCA_002591255.1_ASM259125v1_genomic.fna
4119	<i>Brucella suis</i>	GCA_000698285.1_ASM69828v1_genomic.fna
4120	<i>Enterococcus faecalis</i>	GCA_000550745.1_ASM55074v1_genomic.fna
4121	<i>Rhizobium etli</i>	GCA_002119845.1_ASM211984v1_genomic.fna
4122	<i>Chlamydia psittaci</i>	GCA_000298415.1_ASM29841v1_genomic.fna
4123	<i>Bifidobacterium animalis</i>	GCA_000224965.2_ASM22496v2_genomic.fna
4124	<i>Bacillus amyloliquefaciens</i>	GCA_000494835.1_ASM49483v1_genomic.fna
4125	<i>Neisseria gonorrhoeae</i>	GCA_001661085.1_ASM166108v1_genomic.fna
4126	<i>Enterococcus faecium</i>	GCA_001412695.1_ASM141269v1_genomic.fna
4127	<i>Stenotrophomonas maltophilia</i>	GCA_001274675.1_ASM127467v1_genomic.fna
4128	<i>Zymomonas mobilis</i>	GCA_000576125.1_ASM57612v1_genomic.fna
4129	<i>Acetobacter pasteurianus</i>	GCA_000010925.1_ASM1092v1_genomic.fna
4130	<i>Pasteurella multocida</i>	GCA_000973525.1_ASM97352v1_genomic.fna
4131	<i>Francisella philomiragia</i>	GCA_000833455.1_ASM83345v1_genomic.fna
4132	<i>Lactobacillus rhamnosus</i>	GCA_001721925.1_ASM172192v1_genomic.fna
4133	<i>Brucella melitensis</i>	GCA_000740415.1_ASM74041v1_genomic.fna
4134	<i>Bacillus megaterium</i>	GCA_002009195.1_ASM200919v1_genomic.fna
4135	<i>Sinorhizobium meliloti</i>	GCA_000346065.1_ASM34606v1_genomic.fna
4136	<i>Bordetella pertussis</i>	GCA_001307525.1_ASM130752v1_genomic.fna
4137	<i>Haemophilus ducreyi</i>	GCA_001647815.1_ASM164781v1_genomic.fna
4138	<i>Corynebacterium diphtheriae</i>	GCA_000242775.1_ASM24277v1_genomic.fna
4139	<i>Mycoplasma pneumoniae</i>	GCA_000387745.2_ASM38774v2_genomic.fna
4140	<i>Yersinia enterocolitica</i>	GCA_000987925.1_ASM98792v1_genomic.fna
4141	<i>Dehalococcoides mccartyi</i>	GCA_000341655.1_ASM34165v1_genomic.fna
4142	<i>Chlamydia muridarum</i>	GCA_000830965.1_ASM83096v1_genomic.fna
4143	<i>Leuconostoc mesenteroides</i>	GCA_001891125.1_ASM189112v1_genomic.fna
4144	<i>Serratia marcescens</i>	GCA_001294565.1_ASM129456v1_genomic.fna
4145	<i>Lactobacillus plantarum</i>	GCA_000604105.1_ASM60410v1_genomic.fna

4146	<i>Mannheimia haemolytica</i>	GCA_000439735.1_ASM43973v1_genomic.fna
4147	<i>Lactobacillus brevis</i>	GCA_002117375.1_ASM211737v1_genomic.fna
4148	<i>Mycoplasma gallisepticum</i>	GCA_000286715.1_ASM28671v1_genomic.fna
4149	<i>Propionibacterium acnes</i>	GCA_000240035.1_ASM24003v1_genomic.fna
4150	<i>Mycoplasma bovis</i>	GCA_001611895.1_ASM161189v1_genomic.fna
4151	<i>Campylobacter lari</i>	GCA_001017575.1_ASM101757v1_genomic.fna
4152	<i>Proteus mirabilis</i>	GCA_002180235.1_ASM218023v1_genomic.fna
4153	<i>Klebsiella oxytoca</i>	GCA_001970835.1_ASM197083v1_genomic.fna
4154	<i>Campylobacter coli</i>	GCA_001417635.1_ASM141763v1_genomic.fna
4155	<i>Lactobacillus salivarius</i>	GCA_900094615.1_ASM90009461v1_genomic.fna
4156	<i>Enterobacter cloacae</i>	GCA_000770155.1_ASM77015v1_genomic.fna
4157	<i>Listeria ivanovii</i>	GCA_900187195.1_51485_F01_genomic.fna
4158	<i>Bifidobacterium breve</i>	GCA_000569035.1_ASM56903v1_genomic.fna
4159	<i>Mycobacterium abscessus</i>	GCA_000770215.1_ASM77021v1_genomic.fna
4160	<i>Paenibacillus polymyxa</i>	GCA_001719045.1_ASM171904v1_genomic.fna
4161	<i>Pseudomonas stutzeri</i>	GCA_000327065.1_ASM32706v1_genomic.fna
4162	<i>Aeromonas hydrophila</i>	GCA_000819505.1_ASM81950v1_genomic.fna
4163	<i>Granulibacter bethesdensis</i>	GCA_001889485.1_ASM188948v1_genomic.fna
4164	<i>Flavobacterium psychrophilum</i>	GCA_000831205.1_ASM83120v1_genomic.fna
4165	<i>Lactobacillus johnsonii</i>	GCA_002176855.1_ASM217685v1_genomic.fna
4166	<i>Bdellovibrio bacteriovorus</i>	GCA_002208115.1_ASM220811v1_genomic.fna
4167	<i>Lactobacillus paracasei</i>	GCA_001514415.1_ASM151441v1_genomic.fna
4168	<i>Klebsiella variicola</i>	GCA_001989535.1_ASM198953v1_genomic.fna
4169	<i>Vibrio alginolyticus</i>	GCA_002119545.1_ASM211954v1_genomic.fna
4170	<i>Corynebacterium pseudotuberculosis</i>	GCA_000227605.2_ASM22760v2_genomic.fna
4171	<i>Riemerella anatipestifer</i>	GCA_001051115.1_ASM105111v1_genomic.fna
4172	<i>Staphylococcus lugdunensis</i>	GCA_002407165.1_ASM240716v1_genomic.fna
4173	<i>Taylorella equigenitalis</i>	GCA_002288245.1_ASM228824v1_genomic.fna
4174	<i>Citrobacter freundii</i>	GCA_002211705.1_ASM221170v1_genomic.fna
4175	<i>Vibrio anguillarum</i>	GCA_002211985.1_ASM221198v1_genomic.fna
4176	<i>Enterobacter hormaechei</i>	GCA_001729705.1_ASM172970v1_genomic.fna
4177	<i>Klebsiella aerogenes</i>	GCA_002591115.1_ASM259111v1_genomic.fna
4178	<i>Corynebacterium ulcerans</i>	GCA_000767685.1_ASM76768v1_genomic.fna
4179	<i>Burkholderia cepacia</i>	GCA_001718835.1_ASM171883v1_genomic.fna

4180	<i>Rickettsia japonica</i>	GCA_002357195.1_ASM235719v1_genomic.fna
4181	<i>Piscirickettsia salmonis</i>	GCA_001932595.1_ASM193259v1_genomic.fna
4182	<i>Francisella noatunensis</i>	GCA_001885275.1_ASM188527v1_genomic.fna
4183	<i>Elizabethkingia anophelis</i>	GCA_001618545.2_ASM161854v2_genomic.fna
4184	<i>Rhizobium phaseoli</i>	GCA_001664225.1_ASM166422v1_genomic.fna
4185	<i>Bacillus velezensis</i>	GCA_000455585.1_ucmb5113v1_genomic.fna
4186	<i>Klebsiella michiganensis</i>	GCA_002290285.1_ASM229028v1_genomic.fna
4187	<i>Mycobacterium chimaera</i>	GCA_002287605.1_ASM228760v1_genomic.fna
4188	<i>Alteromonas mediterranea</i>	GCA_000439595.1_ASM43959v1_genomic.fna
4189	<i>Alteromonas mediterranea</i>	GCA_001562315.1_ASM156231v1_genomic.fna
4190	<i>Mycobacterium chimaera</i>	GCA_900116695.1_ASM90011669v1_genomic.fna
4191	<i>Oblitimonas alkaliphila</i>	GCA_001267235.1_ASM126723v1_genomic.fna
4192	<i>Bacillus velezensis</i>	GCA_000493375.1_BAPNAU_WGS_genomic.fna
4193	<i>Enterobacter cloacae</i>	GCA_002208095.1_ASM220809v1_genomic.fna
4194	<i>Rhizobium phaseoli</i>	GCA_001664245.1_ASM166424v1_genomic.fna
4195	<i>Elizabethkingia anophelis</i>	GCA_002022025.1_ASM202202v1_genomic.fna
4196	<i>Francisella noatunensis</i>	GCA_002214225.1_ASM221422v1_genomic.fna
4197	<i>Piscirickettsia salmonis</i>	GCA_001932735.1_ASM193273v1_genomic.fna
4198	<i>Rickettsia japonica</i>	GCA_002357215.1_ASM235721v1_genomic.fna
4199	<i>Burkholderia cepacia</i>	GCA_002209085.1_ASM220908v1_genomic.fna
4200	<i>Corynebacterium ulcerans</i>	GCA_000769635.1_ASM76963v1_genomic.fna
4201	<i>Enterobacter hormaechei</i>	GCA_001874505.1_ASM187450v1_genomic.fna
4202	<i>Vibrio anguillarum</i>	GCA_002212005.1_ASM221200v1_genomic.fna
4203	<i>Citrobacter freundii</i>	GCA_002215385.1_ASM221538v1_genomic.fna
4204	<i>Staphylococcus lugdunensis</i>	GCA_002591215.1_ASM259121v1_genomic.fna
4205	<i>Riemerella anatipestifer</i>	GCA_001077795.1_ASM107779v1_genomic.fna
4206	<i>Corynebacterium pseudotuberculosis</i>	GCA_000233735.1_ASM23373v1_genomic.fna
4207	<i>Vibrio alginolyticus</i>	GCA_002119565.1_ASM211956v1_genomic.fna
4208	<i>Lactobacillus paracasei</i>	GCA_002079285.1_ASM207928v1_genomic.fna
4209	<i>Flavobacterium psychrophilum</i>	GCA_000831225.1_ASM83122v1_genomic.fna
4210	<i>Granulibacter bethesdaensis</i>	GCA_001889505.1_ASM188950v1_genomic.fna
4211	<i>Aeromonas hydrophila</i>	GCA_000940915.1_ASM94091v1_genomic.fna
4212	<i>Pseudomonas stutzeri</i>	GCA_000661915.1_ASM66191v1_genomic.fna
4213	<i>Paenibacillus polymyxa</i>	GCA_001874405.2_ASM187440v2_genomic.fna

4214	<i>Mycobacterium abscessus</i>	GCA_001050395.1_ASM105039v1_genomic.fna
4215	<i>Bifidobacterium breve</i>	GCA_000569055.1_ASM56905v1_genomic.fna
4216	<i>Enterobacter cloacae</i>	GCA_000784865.1_ASM78486v1_genomic.fna
4217	<i>Campylobacter coli</i>	GCA_001483845.1_ASM148384v1_genomic.fna
4218	<i>Klebsiella oxytoca</i>	GCA_002072655.1_ASM207265v1_genomic.fna
4219	<i>Proteus mirabilis</i>	GCA_002197405.1_ASM219740v1_genomic.fna
4220	<i>Mycoplasma bovis</i>	GCA_001611935.1_ASM161193v1_genomic.fna
4221	<i>Propionibacterium acnes</i>	GCA_000240055.1_ASM24005v1_genomic.fna
4222	<i>Mycoplasma gallisepticum</i>	GCA_000286735.1_ASM28673v1_genomic.fna
4223	<i>Serratia marcescens</i>	GCA_001417865.2_ASM141786v2_genomic.fna
4224	<i>Lactobacillus brevis</i>	GCA_002138395.1_ASM213839v1_genomic.fna
4225	<i>Mannheimia haemolytica</i>	GCA_000819525.2_ASM81952v2_genomic.fna
4226	<i>Leuconostoc mesenteroides</i>	GCA_002009375.1_ASM200937v1_genomic.fna
4227	<i>Lactobacillus plantarum</i>	GCA_000931425.1_ASM93142v1_genomic.fna
4228	<i>Dehalococcoides mccartyi</i>	GCA_000341695.1_ASM34169v1_genomic.fna
4229	<i>Yersinia enterocolitica</i>	GCA_001304755.1_ASM130475v1_genomic.fna
4230	<i>Mycoplasma pneumoniae</i>	GCA_000733995.1_ASM73399v1_genomic.fna
4231	<i>Corynebacterium diphtheriae</i>	GCA_000255155.1_ASM25515v1_genomic.fna
4232	<i>Haemophilus ducreyi</i>	GCA_001647835.1_ASM164783v1_genomic.fna
4233	<i>Bordetella pertussis</i>	GCA_001307565.1_ASM130756v1_genomic.fna
4234	<i>Sinorhizobium meliloti</i>	GCA_000747295.1_ASM74729v1_genomic.fna
4235	<i>Brucella melitensis</i>	GCA_001307475.2_ASM130747v2_genomic.fna
4236	<i>Brucella ceti</i>	GCA_000590815.1_ASM59081v1_genomic.fna
4237	<i>Lactobacillus rhamnosus</i>	GCA_001988935.1_ASM198893v1_genomic.fna
4238	<i>Pasteurella multocida</i>	GCA_000973565.1_ASM97356v1_genomic.fna
4239	<i>Acetobacter pasteurianus</i>	GCA_000010945.1_ASM1094v1_genomic.fna
4240	<i>Zymomonas mobilis</i>	GCA_000576165.1_ASM57616v1_genomic.fna
4241	<i>Stenotrophomonas maltophilia</i>	GCA_002025605.1_ASM202560v1_genomic.fna
4242	<i>Enterococcus faecium</i>	GCA_001518735.1_ASM151873v1_genomic.fna
4243	<i>Neisseria gonorrhoeae</i>	GCA_001661115.1_ASM166111v1_genomic.fna
4244	<i>Bacillus amyloliquefaciens</i>	GCA_000508265.1_ASM50826v1_genomic.fna
4245	<i>Bifidobacterium animalis</i>	GCA_000260715.1_ASM26071v1_genomic.fna
4246	<i>Chlamydia psittaci</i>	GCA_000298435.2_ASM29843v2_genomic.fna
4247	<i>Klebsiella pneumoniae</i>	GCA_000294365.1_ASM29436v1_genomic.fna

4248	<i>Brucella suis</i>	GCA_000698325.1_ASM69832v1_genomic.fna
4249	<i>Rhizobium leguminosarum</i>	GCA_002240185.1_ASM224018v1_genomic.fna
4250	<i>Borrelia burgdorferi</i>	GCA_002151505.1_ASM215150v1_genomic.fna
4251	<i>Enterococcus faecalis</i>	GCA_000742975.1_ASM74297v1_genomic.fna
4252	<i>Clostridium botulinum</i>	GCA_000019545.1_ASM1954v1_genomic.fna
4253	<i>Rickettsia prowazekii</i>	GCA_000363905.1_ASM36390v1_genomic.fna
4254	<i>Phaeobacter gallaeciensis</i>	GCA_002393525.1_ASM239352v1_genomic.fna
4255	<i>Burkholderia thailandensis</i>	GCA_000765375.1_ASM76537v1_genomic.fna
4256	<i>Mycoplasma mycoides</i>	GCA_001554055.1_ASM155405v1_genomic.fna
4257	<i>Lactobacillus fermentum</i>	GCA_002192435.1_ASM219243v1_genomic.fna
4258	<i>Vibrio parahaemolyticus</i>	GCA_001433415.1_ASM143341v1_genomic.fna
4259	<i>Rickettsia rickettsii</i>	GCA_000831525.1_ASM83152v1_genomic.fna
4260	<i>Lactobacillus helveticus</i>	GCA_001006025.1_ASM100602v1_genomic.fna
4261	<i>Lactobacillus casei</i>	GCA_000829055.1_ASM82905v1_genomic.fna
4262	<i>Bacillus subtilis</i>	GCA_000321395.1_ASM32139v1_genomic.fna
4263	<i>Coxiella burnetii</i>	GCA_001572745.1_ASM157274v1_genomic.fna
4264	<i>Clostridioides difficile</i>	GCA_002073735.1_ASM207373v1_genomic.fna
4265	<i>Xanthomonas oryzae</i>	GCA_001042745.1_ASM104274v1_genomic.fna
4266	<i>Campylobacter fetus</i>	GCA_000967135.1_CFV_genomic.fna
4267	<i>Xanthomonas citri</i>	GCA_000961215.1_ASM96121v1_genomic.fna
4268	<i>Lactobacillus delbrueckii</i>	GCA_001888945.1_ASM188894v1_genomic.fna
4269	<i>Brucella abortus</i>	GCA_000740195.1_ASM74019v1_genomic.fna
4270	<i>Francisella tularensis</i>	GCA_000017785.1_ASM1778v1_genomic.fna
4271	<i>Yersinia pseudotuberculosis</i>	GCA_000834375.1_ASM83437v1_genomic.fna
4272	<i>Streptococcus salivarius</i>	GCA_002094955.1_ASM209495v1_genomic.fna
4273	<i>Rhodospseudomonas palustris</i>	GCA_000020445.1_ASM2044v1_genomic.fna
4274	<i>Vibrio cholerae</i>	GCA_000250855.1_ASM25085v1_genomic.fna
4275	<i>Ralstonia solanacearum</i>	GCA_001663415.1_ASM166341v1_genomic.fna
4276	<i>Bacillus thuringiensis</i>	GCA_000292705.1_ASM29270v1_genomic.fna
4277	<i>Ehrlichia chaffeensis</i>	GCA_000632965.1_ASM63296v1_genomic.fna
4278	<i>Burkholderia mallei</i>	GCA_000755885.1_ASM75588v1_genomic.fna
4279	<i>Burkholderia pseudomallei</i>	GCA_000511895.1_ASM51189v1_genomic.fna
4280	<i>Burkholderia cenocepacia</i>	GCA_001484665.1_ASM148466v1_genomic.fna
4281	<i>Shigella sonnei</i>	GCA_002224625.1_ASM222462v1_genomic.fna

4282	<i>Chlamydia trachomatis</i>	GCA_000092665.1_ASM9266v1_genomic.fna
4283	<i>Corynebacterium glutamicum</i>	GCA_000742715.1_ASM74271v1_genomic.fna
4284	<i>Bacillus pumilus</i>	GCA_001548215.1_ASM154821v1_genomic.fna
4285	<i>Lactobacillus reuteri</i>	GCA_001618905.1_ASM161890v1_genomic.fna
4286	<i>Streptococcus thermophilus</i>	GCA_000971665.1_ASM97166v1_genomic.fna
4287	<i>Legionella pneumophila</i>	GCA_000306865.1_ASM30686v1_genomic.fna
4288	<i>Bacillus licheniformis</i>	GCA_002074135.1_ASM207413v1_genomic.fna
4289	<i>Pseudomonas aeruginosa</i>	GCA_000284555.1_ASM28455v1_genomic.fna
4290	<i>Acinetobacter baumannii</i>	GCA_000188215.1_ASM18821v1_genomic.fna
4291	<i>Streptococcus suis</i>	GCA_000231865.1_ASM23186v1_genomic.fna
4292	<i>Vibrio vulnificus</i>	GCA_001653775.1_ASM165377v1_genomic.fna
4293	<i>Histophilus somni</i>	GCA_002162275.1_ASM216227v1_genomic.fna
4294	<i>Pseudomonas syringae</i>	GCA_001281365.1_ASM128136v1_genomic.fna
4295	<i>Bifidobacterium longum</i>	GCA_000219455.1_ASM21945v1_genomic.fna
4296	<i>Shigella flexneri</i>	GCA_001021855.1_ASM102185v1_genomic.fna
4297	<i>Streptococcus agalactiae</i>	GCA_000689235.1_GBCO_p1_genomic.fna
4298	<i>Leptospira interrogans</i>	GCA_001293065.1_ASM129306v1_genomic.fna
4299	<i>Fusobacterium nucleatum</i>	GCA_001296165.1_ASM129616v1_genomic.fna
4300	<i>Bacillus anthracis</i>	GCA_000583105.1_ASM58310v1_genomic.fna
4301	<i>Streptococcus pneumoniae</i>	GCA_000019265.1_ASM1926v1_genomic.fna
4302	<i>Streptococcus pyogenes</i>	GCA_000012165.1_ASM1216v1_genomic.fna
4303	<i>Xylella fastidiosa</i>	GCA_001456195.1_ASM145619v1_genomic.fna
4304	<i>Pseudomonas putida</i>	GCA_000226035.3_ASM22603v3_genomic.fna
4305	<i>Neisseria meningitidis</i>	GCA_000191425.1_ASM19142v1_genomic.fna
4306	<i>Buchnera aphidicola</i>	GCA_000225465.1_ASM22546v1_genomic.fna
4307	<i>Chlamydia pneumoniae</i>	GCA_001007065.1_CWL011_genomic.fna
4308	<i>Helicobacter pylori</i>	GCA_000023805.1_ASM2380v1_genomic.fna
4309	<i>Escherichia coli</i>	GCA_000009565.2_ASM956v1_genomic.fna
4310	<i>Haemophilus influenzae</i>	GCA_000465255.1_ASM46525v1_genomic.fna
4311	<i>Mycobacterium tuberculosis</i>	GCA_000154605.2_ASM15460v2_genomic.fna
4312	<i>Mycobacterium bovis</i>	GCA_000934325.3_ASM93432v3_genomic.fna
4313	<i>Mycobacterium avium</i>	GCA_000831285.1_ASM83128v1_genomic.fna
4314	<i>Listeria monocytogenes</i>	GCA_000168595.2_ASM16859v2_genomic.fna
4315	<i>Clostridium perfringens</i>	GCA_002312985.1_ASM231298v1_genomic.fna

4316	<i>Bacillus cereus</i>	GCA_000021785.1_ASM2178v1_genomic.fna
4317	<i>Lactococcus lactis</i>	GCA_000312685.1_ASM31268v1_genomic.fna
4318	<i>Staphylococcus epidermidis</i>	GCA_900086615.1_BPH0662_genomic.fna
4319	<i>Staphylococcus aureus</i>	GCA_000011265.1_ASM1126v1_genomic.fna
4320	<i>Yersinia pestis</i>	GCA_000022805.1_ASM2280v1_genomic.fna
4321	<i>Pseudomonas fluorescens</i>	GCA_000963495.1_ASM96349v1_genomic.fna
4322	<i>Campylobacter jejuni</i>	GCA_000148705.1_ASM14870v1_genomic.fna
4323	<i>Salmonella enterica</i>	GCA_000016045.1_ASM1604v1_genomic.fna
4324	<i>Salmonella enterica</i>	GCA_000018385.1_ASM1838v1_genomic.fna
4325	<i>Campylobacter jejuni</i>	GCA_000171795.2_ASM17179v2_genomic.fna
4326	<i>Pseudomonas fluorescens</i>	GCA_000968415.1_ASM96841v1_genomic.fna
4327	<i>Yersinia pestis</i>	GCA_000022825.1_ASM2282v1_genomic.fna
4328	<i>Staphylococcus aureus</i>	GCA_000011505.1_ASM1150v1_genomic.fna
4329	<i>Lactococcus lactis</i>	GCA_000344575.1_ASM34457v1_genomic.fna
4330	<i>Bacillus cereus</i>	GCA_000022505.1_ASM2250v1_genomic.fna
4331	<i>Clostridium perfringens</i>	GCA_002355795.1_ASM235579v1_genomic.fna
4332	<i>Listeria monocytogenes</i>	GCA_000168635.2_ASM16863v2_genomic.fna
4333	<i>Mycobacterium avium</i>	GCA_000835225.1_ASM83522v1_genomic.fna
4334	<i>Mycobacterium bovis</i>	GCA_000967285.1_ASM96728v1_genomic.fna
4335	<i>Haemophilus influenzae</i>	GCA_000698365.1_ASM69836v1_genomic.fna
4336	<i>Mycobacterium tuberculosis</i>	GCA_000193185.2_ASM19318v2_genomic.fna
4337	<i>Escherichia coli</i>	GCA_000010245.1_ASM1024v1_genomic.fna
4338	<i>Helicobacter pylori</i>	GCA_000091345.1_ASM9134v1_genomic.fna
4339	<i>Chlamydia pneumoniae</i>	GCA_001007085.1_Wien3_genomic.fna
4340	<i>Buchnera aphidicola</i>	GCA_001280225.1_ASM128022v1_genomic.fna
4341	<i>Neisseria meningitidis</i>	GCA_000191445.1_ASM19144v1_genomic.fna
4342	<i>Xylella fastidiosa</i>	GCA_001456235.1_ASM145623v1_genomic.fna
4343	<i>Pseudomonas putida</i>	GCA_000264665.1_ASM26466v1_genomic.fna
4344	<i>Streptococcus pyogenes</i>	GCA_000013485.1_ASM1348v1_genomic.fna
4345	<i>Streptococcus pneumoniae</i>	GCA_000019825.1_ASM1982v1_genomic.fna
4346	<i>Fusobacterium nucleatum</i>	GCA_001433955.1_ASM143395v1_genomic.fna
4347	<i>Leptospira interrogans</i>	GCA_002073495.1_ASM207349v1_genomic.fna
4348	<i>Streptococcus agalactiae</i>	GCA_000730215.2_ASM73021v2_genomic.fna
4349	<i>Bacillus anthracis</i>	GCA_000725325.1_ASM72532v1_genomic.fna

4350	<i>Bifidobacterium longum</i>	GCA_000269965.1_ASM26996v1_genomic.fna
4351	<i>Shigella flexneri</i>	GCA_001578125.1_ASM157812v1_genomic.fna
4352	<i>Histophilus somni</i>	GCA_002162295.1_ASM216229v1_genomic.fna
4353	<i>Pseudomonas syringae</i>	GCA_001482725.1_ASM148272v1_genomic.fna
4354	<i>Vibrio vulnificus</i>	GCA_001675245.1_ASM167524v1_genomic.fna
4355	<i>Streptococcus suis</i>	GCA_000231885.1_ASM23188v1_genomic.fna
4356	<i>Acinetobacter baumannii</i>	GCA_000226275.1_ASM22627v1_genomic.fna
4357	<i>Pseudomonas aeruginosa</i>	GCA_000359505.1_ASM35950v1_genomic.fna
4358	<i>Bacillus licheniformis</i>	GCA_002173615.1_ASM217361v1_genomic.fna
4359	<i>Legionella pneumophila</i>	GCA_000347615.1_ASM34761v1_genomic.fna
4360	<i>Shigella sonnei</i>	GCA_002442535.1_ASM244253v1_genomic.fna
4361	<i>Streptococcus thermophilus</i>	GCA_001008015.1_ASM100801v1_genomic.fna
4362	<i>Bacillus pumilus</i>	GCA_001578165.1_ASM157816v1_genomic.fna
4363	<i>Lactobacillus reuteri</i>	GCA_001688685.2_ASM168868v2_genomic.fna
4364	<i>Corynebacterium glutamicum</i>	GCA_000742735.1_ASM74273v1_genomic.fna
4365	<i>Chlamydia trachomatis</i>	GCA_000092685.1_ASM9268v1_genomic.fna
4366	<i>Burkholderia cenocepacia</i>	GCA_001606115.1_ASM160611v1_genomic.fna
4367	<i>Burkholderia pseudomallei</i>	GCA_000511915.1_ASM51191v1_genomic.fna
4368	<i>Bacillus thuringiensis</i>	GCA_000300475.1_ASM30047v1_genomic.fna
4369	<i>Burkholderia mallei</i>	GCA_000756025.2_ASM75602v2_genomic.fna
4370	<i>Ralstonia solanacearum</i>	GCA_001708525.1_ASM170852v1_genomic.fna
4371	<i>Vibrio cholerae</i>	GCA_000765415.1_ASM76541v1_genomic.fna
4372	<i>Rhodopseudomonas palustris</i>	GCA_000177255.2_ASM17725v2_genomic.fna
4373	<i>Streptococcus salivarius</i>	GCA_002094975.1_ASM209497v1_genomic.fna
4374	<i>Yersinia pseudotuberculosis</i>	GCA_000834415.1_ASM83441v1_genomic.fna
4375	<i>Francisella tularensis</i>	GCA_000018925.1_ASM1892v1_genomic.fna
4376	<i>Brucella abortus</i>	GCA_000740215.1_ASM74021v1_genomic.fna
4377	<i>Lactobacillus delbrueckii</i>	GCA_001888965.1_ASM188896v1_genomic.fna
4378	<i>Xanthomonas citri</i>	GCA_000961235.1_ASM96123v1_genomic.fna
4379	<i>Campylobacter fetus</i>	GCA_001484645.1_ASM148464v1_genomic.fna
4380	<i>Xanthomonas oryzae</i>	GCA_001042775.1_ASM104277v1_genomic.fna
4381	<i>Clostridioides difficile</i>	GCA_002080065.1_ASM208006v1_genomic.fna
4382	<i>Coxiella burnetii</i>	GCA_002094935.1_ASM209493v1_genomic.fna
4383	<i>Bacillus subtilis</i>	GCA_000338735.1_ASM33873v1_genomic.fna

4384	<i>Lactobacillus casei</i>	GCA_002192215.1_ASM219221v1_genomic.fna
4385	<i>Delftia acidovorans</i>	GCA_001969245.1_ASM196924v1_genomic.fna
4386	<i>Lactobacillus helveticus</i>	GCA_001702095.1_ASM170209v1_genomic.fna
4387	<i>Rickettsia rickettsii</i>	GCA_000831545.1_ASM83154v1_genomic.fna
4388	<i>Vibrio parahaemolyticus</i>	GCA_001558495.1_ASM155849v1_genomic.fna
4389	<i>Lactobacillus fermentum</i>	GCA_002356135.1_ASM235613v1_genomic.fna
4390	<i>Mycoplasma mycoides</i>	GCA_001554075.1_ASM155407v1_genomic.fna
4391	<i>Burkholderia thailandensis</i>	GCA_000808035.2_ASM80803v2_genomic.fna
4392	<i>Rickettsia prowazekii</i>	GCA_000367405.1_ASM36740v1_genomic.fna
4393	<i>Clostridium botulinum</i>	GCA_000020285.1_ASM2028v1_genomic.fna
4394	<i>Borrelia burgdorferi</i>	GCA_002442595.1_ASM244259v1_genomic.fna
4395	<i>Rhizobium leguminosarum</i>	GCA_002243365.1_ASM224336v1_genomic.fna
4396	<i>Brucella suis</i>	GCA_000698345.1_ASM69834v1_genomic.fna
4397	<i>Enterococcus faecalis</i>	GCA_001598635.1_ASM159863v1_genomic.fna
4398	<i>Klebsiella pneumoniae</i>	GCA_000364385.3_ASM36438v3_genomic.fna
4399	<i>Chlamydia psittaci</i>	GCA_000298455.2_ASM29845v2_genomic.fna
4400	<i>Bifidobacterium animalis</i>	GCA_000277325.1_ASM27732v1_genomic.fna
4401	<i>Bacillus amyloliquefaciens</i>	GCA_000833005.1_ASM83300v1_genomic.fna
4402	<i>Neisseria gonorrhoeae</i>	GCA_001661135.1_ASM166113v1_genomic.fna
4403	<i>Enterococcus faecium</i>	GCA_001587115.1_ASM158711v1_genomic.fna
4404	<i>Stenotrophomonas maltophilia</i>	GCA_002138415.1_ASM213841v1_genomic.fna
4405	<i>Zymomonas mobilis</i>	GCA_002158845.1_ASM215884v1_genomic.fna
4406	<i>Acetobacter pasteurianus</i>	GCA_000010965.1_ASM1096v1_genomic.fna
4407	<i>Pasteurella multocida</i>	GCA_001578435.2_ASM157843v2_genomic.fna
4408	<i>Lactobacillus rhamnosus</i>	GCA_002076955.1_ASM207695v1_genomic.fna
4409	<i>Brucella melitensis</i>	GCA_001431745.1_ASM143174v1_genomic.fna
4410	<i>Sinorhizobium meliloti</i>	GCA_001050915.2_ASM105091v2_genomic.fna
4411	<i>Bordetella pertussis</i>	GCA_001307585.1_ASM130758v1_genomic.fna
4412	<i>Haemophilus ducreyi</i>	GCA_001647855.1_ASM164785v1_genomic.fna
4413	<i>Corynebacterium diphtheriae</i>	GCA_000255175.1_ASM25517v1_genomic.fna
4414	<i>Mycoplasma pneumoniae</i>	GCA_001272715.1_ASM127271v1_genomic.fna
4415	<i>Yersinia enterocolitica</i>	GCA_001305635.1_ASM130563v1_genomic.fna
4416	<i>Dehalococcoides mccartyi</i>	GCA_000499365.1_ASM49936v1_genomic.fna
4417	<i>Leuconostoc mesenteroides</i>	GCA_002117185.1_ASM211718v1_genomic.fna

4418	<i>Mannheimia haemolytica</i>	GCA_000963635.1_ASM96363v1_genomic.fna
4419	<i>Lactobacillus plantarum</i>	GCA_001272315.2_ASM127231v2_genomic.fna
4420	<i>Lactobacillus brevis</i>	GCA_002173555.1_ASM217355v1_genomic.fna
4421	<i>Serratia marcescens</i>	GCA_001672055.1_ASM167205v1_genomic.fna
4422	<i>Mycoplasma gallisepticum</i>	GCA_000286755.1_ASM28675v1_genomic.fna
4423	<i>Propionibacterium acnes</i>	GCA_000302515.1_ASM30251v1_genomic.fna
4424	<i>Mycoplasma bovis</i>	GCA_002009275.1_ASM200927v1_genomic.fna
4425	<i>Campylobacter coli</i>	GCA_001639125.1_ASM163912v1_genomic.fna
4426	<i>Proteus mirabilis</i>	GCA_002310875.1_ASM231087v1_genomic.fna
4427	<i>Citrobacter koseri</i>	GCA_001931885.1_ASM193188v1_genomic.fna
4428	<i>Enterobacter cloacae</i>	GCA_000784905.1_ASM78490v1_genomic.fna
4429	<i>Bifidobacterium breve</i>	GCA_000569075.1_ASM56907v1_genomic.fna
4430	<i>Mycobacterium abscessus</i>	GCA_001430775.1_ASM143077v1_genomic.fna
4431	<i>Paenibacillus polymyxa</i>	GCA_001874425.2_ASM187442v2_genomic.fna
4432	<i>Pseudomonas stutzeri</i>	GCA_001038645.1_ASM103864v1_genomic.fna
4433	<i>Aeromonas hydrophila</i>	GCA_000963645.1_ASM96364v1_genomic.fna
4434	<i>Granulibacter bethesdensis</i>	GCA_001889525.1_ASM188952v1_genomic.fna
4435	<i>Bacteroides dorei</i>	GCA_000738045.1_ASM73804v1_genomic.fna
4436	<i>Lactobacillus paracasei</i>	GCA_002257625.1_ASM225762v1_genomic.fna
4437	<i>Vibrio alginolyticus</i>	GCA_002119585.1_ASM211958v1_genomic.fna
4438	<i>Corynebacterium pseudotuberculosis</i>	GCA_000241855.1_ASM24185v1_genomic.fna
4439	<i>Riemerella anatipestifer</i>	GCA_002025185.1_ASM202518v1_genomic.fna
4440	<i>Vibrio anguillarum</i>	GCA_002212025.1_ASM221202v1_genomic.fna
4441	<i>Corynebacterium ulcerans</i>	GCA_000968945.1_ASM96894v1_genomic.fna
4442	<i>Rickettsia japonica</i>	GCA_002357235.1_ASM235723v1_genomic.fna
4443	<i>Piscirickettsia salmonis</i>	GCA_001932755.1_ASM193275v1_genomic.fna
4444	<i>Elizabethkingia anophelis</i>	GCA_002022065.1_ASM202206v1_genomic.fna
4445	<i>Rhizobium phaseoli</i>	GCA_001664285.1_ASM166428v1_genomic.fna
4446	<i>Bacillus velezensis</i>	GCA_000583065.1_ASM58306v1_genomic.fna
4447	<i>Alteromonas mediterranea</i>	GCA_001886395.1_ASM188639v1_genomic.fna
4448	<i>Alteromonas mediterranea</i>	GCA_001886415.1_ASM188641v1_genomic.fna
4449	<i>Bacillus velezensis</i>	GCA_000685725.1_ASM68572v1_genomic.fna
4450	<i>Clostridium tyrobutyricum</i>	GCA_001679705.1_ASM167970v1_genomic.fna
4451	<i>Rhizobium phaseoli</i>	GCA_001664365.1_ASM166436v1_genomic.fna

4452	<i>Elizabethkingia anophelis</i>	GCA_002023665.2_ASM202366v2_genomic.fna
4453	<i>Piscirickettsia salmonis</i>	GCA_001932775.1_ASM193277v1_genomic.fna
4454	<i>Rickettsia japonica</i>	GCA_002357255.1_ASM235725v1_genomic.fna
4455	<i>Corynebacterium ulcerans</i>	GCA_001281445.1_ASM128144v1_genomic.fna
4456	<i>Vibrio anguillarum</i>	GCA_002287545.1_ASM228754v1_genomic.fna
4457	<i>Riemerella anatipestifer</i>	GCA_900186945.1_48903_E01_genomic.fna
4458	<i>Corynebacterium pseudotuberculosis</i>	GCA_000248375.1_ASM24837v1_genomic.fna
4459	<i>Vibrio alginolyticus</i>	GCA_002149065.1_ASM214906v1_genomic.fna
4460	<i>Lactobacillus paracasei</i>	GCA_002442835.1_ASM244283v1_genomic.fna
4461	<i>Bacteroides dorei</i>	GCA_000738065.1_ASM73806v1_genomic.fna
4462	<i>Granulibacter bethesdensis</i>	GCA_001889545.1_ASM188954v1_genomic.fna
4463	<i>Streptococcus iniae</i>	GCA_000403625.1_ASM40362v1_genomic.fna
4464	<i>Aeromonas hydrophila</i>	GCA_001019645.1_ASM101964v1_genomic.fna
4465	<i>Pseudomonas stutzeri</i>	GCA_001648195.1_ASM164819v1_genomic.fna
4466	<i>Paenibacillus polymyxa</i>	GCA_001922145.1_ASM192214v1_genomic.fna
4467	<i>Mycobacterium abscessus</i>	GCA_001606195.1_ASM160619v1_genomic.fna
4468	<i>Bifidobacterium breve</i>	GCA_001281425.1_ASM128142v1_genomic.fna
4469	<i>Enterobacter cloacae</i>	GCA_001022015.1_ASM102201v1_genomic.fna
4470	<i>Citrobacter koseri</i>	GCA_002208985.1_ASM220898v1_genomic.fna
4471	<i>Proteus mirabilis</i>	GCA_002310895.1_ASM231089v1_genomic.fna
4472	<i>Campylobacter coli</i>	GCA_001717605.1_ASM171760v1_genomic.fna
4473	<i>Propionibacterium acnes</i>	GCA_000376705.1_ASM37670v1_genomic.fna
4474	<i>Mycoplasma gallisepticum</i>	GCA_000286775.1_ASM28677v1_genomic.fna
4475	<i>Serratia marcescens</i>	GCA_002220515.1_ASM222051v1_genomic.fna
4476	<i>Lactobacillus brevis</i>	GCA_002174235.1_ASM217423v1_genomic.fna
4477	<i>Mannheimia haemolytica</i>	GCA_000963675.1_ASM96367v1_genomic.fna
4478	<i>Leuconostoc mesenteroides</i>	GCA_002148235.1_ASM214823v1_genomic.fna
4479	<i>Lactobacillus plantarum</i>	GCA_001278015.1_ASM127801v1_genomic.fna
4480	<i>Dehalococcoides mccartyi</i>	GCA_000830905.1_ASM83090v1_genomic.fna
4481	<i>Yersinia enterocolitica</i>	GCA_001708555.1_ASM170855v1_genomic.fna
4482	<i>Mycoplasma pneumoniae</i>	GCA_001272735.1_ASM127273v1_genomic.fna
4483	<i>Corynebacterium diphtheriae</i>	GCA_000255195.1_ASM25519v1_genomic.fna
4484	<i>Haemophilus ducreyi</i>	GCA_001647875.1_ASM164787v1_genomic.fna
4485	<i>Bordetella pertussis</i>	GCA_001307605.1_ASM130760v1_genomic.fna

4486	<i>Sinorhizobium meliloti</i>	GCA_002197025.1_ASM219702v1_genomic.fna
4487	<i>Brucella melitensis</i>	GCA_001715485.1_ASM171548v1_genomic.fna
4488	<i>Lactobacillus rhamnosus</i>	GCA_002158925.1_ASM215892v1_genomic.fna
4489	<i>Pasteurella multocida</i>	GCA_001663095.1_ASM166309v1_genomic.fna
4490	<i>Acetobacter pasteurianus</i>	GCA_000241585.3_ASM24158v3_genomic.fna
4491	<i>Stenotrophomonas maltophilia</i>	GCA_002208885.1_ASM220888v1_genomic.fna
4492	<i>Enterococcus faecium</i>	GCA_001635875.1_ASM163587v1_genomic.fna
4493	<i>Neisseria gonorrhoeae</i>	GCA_002073535.1_ASM207353v1_genomic.fna
4494	<i>Bacillus amyloliquefaciens</i>	GCA_000835145.1_ASM83514v1_genomic.fna
4495	<i>Bifidobacterium animalis</i>	GCA_000277345.1_ASM27734v1_genomic.fna
4496	<i>Chlamydia psittaci</i>	GCA_000298475.2_ASM29847v2_genomic.fna
4497	<i>Klebsiella pneumoniae</i>	GCA_000406765.2_ASM40676v2_genomic.fna
4498	<i>Enterococcus faecalis</i>	GCA_001689055.2_ASM168905v2_genomic.fna
4499	<i>Brucella suis</i>	GCA_000699025.1_ASM69902v1_genomic.fna
4500	<i>Clostridium botulinum</i>	GCA_000020345.1_ASM2034v1_genomic.fna
4501	<i>Rickettsia prowazekii</i>	GCA_001602215.1_ASM160221v1_genomic.fna
4502	<i>Burkholderia thailandensis</i>	GCA_000959425.1_ASM95942v1_genomic.fna
4503	<i>Mycoplasma mycoides</i>	GCA_001554155.1_ASM155415v1_genomic.fna
4504	<i>Vibrio parahaemolyticus</i>	GCA_001636035.1_ASM163603v1_genomic.fna
4505	<i>Rickettsia rickettsii</i>	GCA_001950995.1_ASM195099v1_genomic.fna
4506	<i>Lactobacillus helveticus</i>	GCA_001746265.2_ASM174626v2_genomic.fna
4507	<i>Bacillus subtilis</i>	GCA_000344745.1_ASM34474v1_genomic.fna
4508	<i>Coxiella burnetii</i>	GCA_002109345.1_ASM210934v1_genomic.fna
4509	<i>Clostridioides difficile</i>	GCA_002234355.1_ASM223435v1_genomic.fna
4510	<i>Xanthomonas oryzae</i>	GCA_001042795.1_ASM104279v1_genomic.fna
4511	<i>Campylobacter fetus</i>	GCA_001686885.1_ASM168688v1_genomic.fna
4512	<i>Xanthomonas citri</i>	GCA_000961255.1_ASM96125v1_genomic.fna
4513	<i>Lactobacillus delbrueckii</i>	GCA_001888985.1_ASM188898v1_genomic.fna
4514	<i>Brucella abortus</i>	GCA_000740295.1_ASM74029v1_genomic.fna
4515	<i>Yersinia pseudotuberculosis</i>	GCA_000834435.1_ASM83443v1_genomic.fna
4516	<i>Francisella tularensis</i>	GCA_000023305.1_ASM2330v1_genomic.fna
4517	<i>Vibrio cholerae</i>	GCA_000788715.2_ASM78871v2_genomic.fna
4518	<i>Ralstonia solanacearum</i>	GCA_001879565.1_ASM187956v1_genomic.fna
4519	<i>Bacillus thuringiensis</i>	GCA_000306745.1_ASM30674v1_genomic.fna

4520	<i>Burkholderia mallei</i>	GCA_000762285.1_ASM76228v1_genomic.fna
4521	<i>Burkholderia pseudomallei</i>	GCA_000520895.1_ASM52089v1_genomic.fna
4522	<i>Burkholderia cenocepacia</i>	GCA_001606135.1_ASM160613v1_genomic.fna
4523	<i>Chlamydia trachomatis</i>	GCA_000092705.1_ASM9270v1_genomic.fna
4524	<i>Corynebacterium glutamicum</i>	GCA_000828015.1_ASM82801v1_genomic.fna
4525	<i>Bacillus pumilus</i>	GCA_001700735.1_ASM170073v1_genomic.fna
4526	<i>Streptococcus thermophilus</i>	GCA_001280285.1_ASM128028v1_genomic.fna
4527	<i>Bacillus licheniformis</i>	GCA_002173675.1_ASM217367v1_genomic.fna
4528	<i>Legionella pneumophila</i>	GCA_001590615.1_ASM159061v1_genomic.fna
4529	<i>Pseudomonas aeruginosa</i>	GCA_000414035.1_ASM41403v1_genomic.fna
4530	<i>Acinetobacter baumannii</i>	GCA_000302575.1_ASM30257v1_genomic.fna
4531	<i>Streptococcus suis</i>	GCA_000231905.1_ASM23190v1_genomic.fna
4532	<i>Vibrio vulnificus</i>	GCA_002117205.1_ASM211720v1_genomic.fna
4533	<i>Bifidobacterium longum</i>	GCA_000730205.1_ASM73020v1_genomic.fna
4534	<i>Bacillus anthracis</i>	GCA_000742655.1_ASM74265v1_genomic.fna
4535	<i>Shigella flexneri</i>	GCA_001580175.1_ASM158017v1_genomic.fna
4536	<i>Streptococcus agalactiae</i>	GCA_000730255.1_ASM73025v1_genomic.fna
4537	<i>Pseudomonas syringae</i>	GCA_001913215.1_ASM191321v1_genomic.fna
4538	<i>Fusobacterium nucleatum</i>	GCA_001457555.1_NCTC10562_genomic.fna
4539	<i>Streptococcus pneumoniae</i>	GCA_000019985.1_ASM1998v1_genomic.fna
4540	<i>Streptococcus pyogenes</i>	GCA_000013505.1_ASM1350v1_genomic.fna
4541	<i>Xylella fastidiosa</i>	GCA_001456275.1_ASM145627v1_genomic.fna
4542	<i>Pseudomonas putida</i>	GCA_000271965.2_ASM27196v2_genomic.fna
4543	<i>Neisseria meningitidis</i>	GCA_000191465.1_ASM19146v1_genomic.fna
4544	<i>Buchnera aphidicola</i>	GCA_900016785.1_BTsPazieg1.0_genomic.fna
4545	<i>Chlamydia pneumoniae</i>	GCA_001007105.1_CV14_genomic.fna
4546	<i>Helicobacter pylori</i>	GCA_000093185.1_ASM9318v1_genomic.fna
4547	<i>Escherichia coli</i>	GCA_000010385.1_ASM1038v1_genomic.fna
4548	<i>Haemophilus influenzae</i>	GCA_000767075.1_ASM76707v1_genomic.fna
4549	<i>Prochlorococcus marinus</i>	GCA_000015685.1_ASM1568v1_genomic.fna
4550	<i>Mycobacterium tuberculosis</i>	GCA_000224435.1_ASM22443v1_genomic.fna
4551	<i>Mycobacterium bovis</i>	GCA_001043255.1_ASM104325v1_genomic.fna
4552	<i>Mycobacterium avium</i>	GCA_000835265.1_ASM83526v1_genomic.fna
4553	<i>Listeria monocytogenes</i>	GCA_000168695.2_ASM16869v2_genomic.fna

4554	<i>Lactococcus lactis</i>	GCA_000468955.1_ASM46895v1_genomic.fna
4555	<i>Bacillus cereus</i>	GCA_000143605.1_ASM14360v1_genomic.fna
4556	<i>Staphylococcus aureus</i>	GCA_000011525.1_ASM1152v1_genomic.fna
4557	<i>Yersinia pestis</i>	GCA_000022845.1_ASM2284v1_genomic.fna
4558	<i>Pseudomonas fluorescens</i>	GCA_001307155.1_ASM130715v1_genomic.fna
4559	<i>Campylobacter jejuni</i>	GCA_000184205.1_ASM18420v1_genomic.fna
4560	<i>Salmonella enterica</i>	GCA_000018625.1_ASM1862v1_genomic.fna
4561	<i>Salmonella enterica</i>	GCA_000018705.1_ASM1870v1_genomic.fna
4562	<i>Pseudomonas fluorescens</i>	GCA_001307275.1_ASM130727v1_genomic.fna
4563	<i>Campylobacter jejuni</i>	GCA_000302555.4_ASM30255v4_genomic.fna
4564	<i>Yersinia pestis</i>	GCA_000186725.1_ASM18672v1_genomic.fna
4565	<i>Staphylococcus aureus</i>	GCA_000012045.1_ASM1204v1_genomic.fna
4566	<i>Bacillus cereus</i>	GCA_000239195.1_ASM23919v1_genomic.fna
4567	<i>Lactococcus lactis</i>	GCA_000478255.2_ASM47825v2_genomic.fna
4568	<i>Mycobacterium avium</i>	GCA_001653355.1_ASM165335v1_genomic.fna
4569	<i>Mycobacterium bovis</i>	GCA_001078615.1_ASM107861v1_genomic.fna
4570	<i>Mycobacterium tuberculosis</i>	GCA_000270365.1_ASM27036v1_genomic.fna
4571	<i>Prochlorococcus marinus</i>	GCA_000015965.1_ASM1596v1_genomic.fna
4572	<i>Haemophilus influenzae</i>	GCA_000931575.1_ASM93157v1_genomic.fna
4573	<i>Escherichia coli</i>	GCA_000010485.1_ASM1048v1_genomic.fna
4574	<i>Helicobacter pylori</i>	GCA_000148665.1_ASM14866v1_genomic.fna
4575	<i>Chlamydia pneumoniae</i>	GCA_001007125.1_CM1_genomic.fna
4576	<i>Buchnera aphidicola</i>	GCA_001648115.1_ASM164811v1_genomic.fna
4577	<i>Neisseria meningitidis</i>	GCA_000191485.1_ASM19148v1_genomic.fna
4578	<i>Xylella fastidiosa</i>	GCA_001456295.1_ASM145629v1_genomic.fna
4579	<i>Pseudomonas putida</i>	GCA_000325725.1_ASM32572v1_genomic.fna
4580	<i>Streptococcus pyogenes</i>	GCA_000013525.1_ASM1352v1_genomic.fna
4581	<i>Streptococcus pneumoniae</i>	GCA_000026665.1_ASM2666v1_genomic.fna
4582	<i>Fusobacterium nucleatum</i>	GCA_002211605.1_ASM221160v1_genomic.fna
4583	<i>Pseudomonas syringae</i>	GCA_001913235.1_ASM191323v1_genomic.fna
4584	<i>Streptococcus agalactiae</i>	GCA_000782855.1_ASM78285v1_genomic.fna
4585	<i>Bacillus anthracis</i>	GCA_000742895.1_ASM74289v1_genomic.fna
4586	<i>Shigella flexneri</i>	GCA_002240075.1_ASM224007v1_genomic.fna
4587	<i>Bifidobacterium longum</i>	GCA_000772485.1_ASM77248v1_genomic.fna

4588	<i>Vibrio vulnificus</i>	GCA_002204915.1_ASM220491v1_genomic.fna
4589	<i>Streptococcus suis</i>	GCA_000231925.1_ASM23192v1_genomic.fna
4590	<i>Pseudomonas aeruginosa</i>	GCA_000473745.3_ASM47374v3_genomic.fna
4591	<i>Legionella pneumophila</i>	GCA_001590645.1_ASM159064v1_genomic.fna
4592	<i>Bacillus licheniformis</i>	GCA_002174255.1_ASM217425v1_genomic.fna
4593	<i>Acinetobacter baumannii</i>	GCA_000419385.1_ASM41938v1_genomic.fna
4594	<i>Streptococcus thermophilus</i>	GCA_001514435.1_ASM151443v1_genomic.fna
4595	<i>Bacillus pumilus</i>	GCA_001704975.1_ASM170497v1_genomic.fna
4596	<i>Chlamydia trachomatis</i>	GCA_000092725.1_ASM9272v1_genomic.fna
4597	<i>Corynebacterium glutamicum</i>	GCA_001447865.2_ASM144786v2_genomic.fna
4598	<i>Burkholderia cenocepacia</i>	GCA_001718895.1_ASM171889v1_genomic.fna
4599	<i>Burkholderia pseudomallei</i>	GCA_000521645.1_ASM52164v1_genomic.fna
4600	<i>Bacillus thuringiensis</i>	GCA_000338755.1_ASM33875v1_genomic.fna
4601	<i>Burkholderia mallei</i>	GCA_000959165.1_ASM95916v1_genomic.fna
4602	<i>Ralstonia solanacearum</i>	GCA_001887535.1_ASM188753v1_genomic.fna
4603	<i>Vibrio cholerae</i>	GCA_000829215.1_ASM82921v1_genomic.fna
4604	<i>Francisella tularensis</i>	GCA_000168775.2_ASM16877v2_genomic.fna
4605	<i>Yersinia pseudotuberculosis</i>	GCA_000834475.1_ASM83447v1_genomic.fna
4606	<i>Brucella abortus</i>	GCA_000740315.1_ASM74031v1_genomic.fna
4607	<i>Lactobacillus delbrueckii</i>	GCA_001908415.1_ASM190841v1_genomic.fna
4608	<i>Xanthomonas citri</i>	GCA_000961275.1_ASM96127v1_genomic.fna
4609	<i>Xanthomonas oryzae</i>	GCA_001042815.1_ASM104281v1_genomic.fna
4610	<i>Bacillus subtilis</i>	GCA_000349795.1_ASM34979v1_genomic.fna
4611	<i>Rickettsia rickettsii</i>	GCA_001951015.1_ASM195101v1_genomic.fna
4612	<i>Vibrio parahaemolyticus</i>	GCA_001682175.1_ASM168217v1_genomic.fna
4613	<i>Ureaplasma parvum</i>	GCA_002205575.1_ASM220557v1_genomic.fna
4614	<i>Mycoplasma mycoides</i>	GCA_001564435.1_ASM156443v1_genomic.fna
4615	<i>Burkholderia thailandensis</i>	GCA_000959605.1_ASM95960v1_genomic.fna
4616	<i>Clostridium botulinum</i>	GCA_000022765.1_ASM2276v1_genomic.fna
4617	<i>Brucella suis</i>	GCA_000740235.1_ASM74023v1_genomic.fna
4618	<i>Enterococcus faecalis</i>	GCA_001878735.1_ASM187873v1_genomic.fna
4619	<i>Klebsiella pneumoniae</i>	GCA_000417085.2_ASM41708v2_genomic.fna
4620	<i>Chlamydia psittaci</i>	GCA_000298495.2_ASM29849v2_genomic.fna
4621	<i>Bifidobacterium animalis</i>	GCA_000414215.1_ASM41421v1_genomic.fna

4622	<i>Bacillus amyloliquefaciens</i>	GCA_000973485.1_ASM97348v1_genomic.fna
4623	<i>Neisseria gonorrhoeae</i>	GCA_002073615.1_ASM207361v1_genomic.fna
4624	<i>Enterococcus faecium</i>	GCA_001720945.1_ASM172094v1_genomic.fna
4625	<i>Stenotrophomonas maltophilia</i>	GCA_900186865.1_49243_F02_genomic.fna
4626	<i>Acetobacter pasteurianus</i>	GCA_000723785.1_AP1_genomic.fna
4627	<i>Pasteurella multocida</i>	GCA_001721885.1_ASM172188v1_genomic.fna
4628	<i>Lactobacillus rhamnosus</i>	GCA_002286235.1_ASM228623v1_genomic.fna
4629	<i>Brucella melitensis</i>	GCA_002191235.1_ASM219123v1_genomic.fna
4630	<i>Sinorhizobium meliloti</i>	GCA_002197045.1_ASM219704v1_genomic.fna
4631	<i>Bordetella pertussis</i>	GCA_001307625.1_ASM130762v1_genomic.fna
4632	<i>Haemophilus ducreyi</i>	GCA_001647895.1_ASM164789v1_genomic.fna
4633	<i>Corynebacterium diphtheriae</i>	GCA_000255215.1_ASM25521v1_genomic.fna
4634	<i>Mycoplasma pneumoniae</i>	GCA_001272755.1_ASM127275v1_genomic.fna
4635	<i>Yersinia enterocolitica</i>	GCA_001708575.1_ASM170857v1_genomic.fna
4636	<i>Dehalococcoides mccartyi</i>	GCA_000830925.1_ASM83092v1_genomic.fna
4637	<i>Lactobacillus plantarum</i>	GCA_001296095.1_ASM129609v1_genomic.fna
4638	<i>Leuconostoc mesenteroides</i>	GCA_002370395.1_ASM237039v1_genomic.fna
4639	<i>Mannheimia haemolytica</i>	GCA_002285575.1_ASM228557v1_genomic.fna
4640	<i>Serratia marcescens</i>	GCA_002220535.1_ASM222053v1_genomic.fna
4641	<i>Mycoplasma gallisepticum</i>	GCA_000286795.1_ASM28679v1_genomic.fna
4642	<i>Propionibacterium acnes</i>	GCA_000709495.1_ASM70949v1_genomic.fna
4643	<i>Campylobacter coli</i>	GCA_001865455.1_ASM186545v1_genomic.fna
4644	<i>Enterobacter cloacae</i>	GCA_001022055.1_ASM102205v1_genomic.fna
4645	<i>Bifidobacterium breve</i>	GCA_001990225.1_ASM199022v1_genomic.fna
4646	<i>Mycobacterium abscessus</i>	GCA_001606215.1_ASM160621v1_genomic.fna
4647	<i>Aeromonas hydrophila</i>	GCA_001455365.1_ASM145536v1_genomic.fna
4648	<i>Streptococcus iniae</i>	GCA_000648525.1_ASM64852v1_genomic.fna
4649	<i>Bacteroides dorei</i>	GCA_001274835.1_ASM127483v1_genomic.fna
4650	<i>Vibrio alginolyticus</i>	GCA_002149085.1_ASM214908v1_genomic.fna
4651	<i>Corynebacterium pseudotuberculosis</i>	GCA_000255935.1_ASM25593v1_genomic.fna
4652	<i>Vibrio anguillarum</i>	GCA_002291265.1_ASM229126v1_genomic.fna
4653	<i>Corynebacterium ulcerans</i>	GCA_002162115.1_ASM216211v1_genomic.fna
4654	<i>Rickettsia japonica</i>	GCA_002357275.1_ASM235727v1_genomic.fna
4655	<i>Piscirickettsia salmonis</i>	GCA_001932795.1_ASM193279v1_genomic.fna

4656	<i>Elizabethkingia anophelis</i>	GCA_002024825.1_ASM202482v1_genomic.fna
4657	<i>Rhizobium phaseoli</i>	GCA_001664385.1_ASM166438v1_genomic.fna
4658	<i>Bacillus velezensis</i>	GCA_000769555.1_ASM76955v1_genomic.fna
4659	<i>Alteromonas mediterranea</i>	GCA_001886435.1_ASM188643v1_genomic.fna
4660	<i>Alteromonas mediterranea</i>	GCA_001886455.1_ASM188645v1_genomic.fna
4661	<i>Bacillus velezensis</i>	GCA_000973585.1_ASM97358v1_genomic.fna
4662	<i>Rhizobium phaseoli</i>	GCA_001664405.1_ASM166440v1_genomic.fna
4663	<i>Elizabethkingia anophelis</i>	GCA_002277995.1_ASM227799v1_genomic.fna
4664	<i>Piscirickettsia salmonis</i>	GCA_001932815.1_ASM193281v1_genomic.fna
4665	<i>Rickettsia japonica</i>	GCA_002357295.1_ASM235729v1_genomic.fna
4666	<i>Corynebacterium ulcerans</i>	GCA_900187135.1_51485_C02_genomic.fna
4667	<i>Vibrio anguillarum</i>	GCA_002310335.1_ASM231033v1_genomic.fna
4668	<i>Corynebacterium pseudotuberculosis</i>	GCA_000258385.1_ASM25838v1_genomic.fna
4669	<i>Vibrio alginolyticus</i>	GCA_002149105.1_ASM214910v1_genomic.fna
4670	<i>Streptococcus iniae</i>	GCA_000648555.1_ASM64855v1_genomic.fna
4671	<i>Aeromonas hydrophila</i>	GCA_001518775.1_ASM151877v1_genomic.fna
4672	<i>Mycobacterium abscessus</i>	GCA_001606235.1_ASM160623v1_genomic.fna
4673	<i>Enterobacter cloacae</i>	GCA_001022075.1_ASM102207v1_genomic.fna
4674	<i>Campylobacter coli</i>	GCA_001865475.1_ASM186547v1_genomic.fna
4675	<i>Cutibacterium acnes</i>	GCA_001281065.1_ASM128106v1_genomic.fna
4676	<i>Mycoplasma gallisepticum</i>	GCA_000286815.1_ASM28681v1_genomic.fna
4677	<i>Serratia marcescens</i>	GCA_002220555.1_ASM222055v1_genomic.fna
4678	<i>Mannheimia haemolytica</i>	GCA_002285595.1_ASM228559v1_genomic.fna
4679	<i>Leuconostoc mesenteroides</i>	GCA_002370415.1_ASM237041v1_genomic.fna
4680	<i>Lactobacillus plantarum</i>	GCA_001302645.1_ASM130264v1_genomic.fna
4681	<i>Dehalococcoides mccartyi</i>	GCA_001547795.1_ASM154779v1_genomic.fna
4682	<i>Yersinia enterocolitica</i>	GCA_001708595.1_ASM170859v1_genomic.fna
4683	<i>Mycoplasma pneumoniae</i>	GCA_001272775.1_ASM127277v1_genomic.fna
4684	<i>Corynebacterium diphtheriae</i>	GCA_000255235.1_ASM25523v1_genomic.fna
4685	<i>Haemophilus ducreyi</i>	GCA_001647915.1_ASM164791v1_genomic.fna
4686	<i>Bordetella pertussis</i>	GCA_001307645.1_ASM130764v1_genomic.fna
4687	<i>Sinorhizobium meliloti</i>	GCA_002197065.1_ASM219706v1_genomic.fna
4688	<i>Brucella melitensis</i>	GCA_002191295.1_ASM219129v1_genomic.fna
4689	<i>Lactobacillus rhamnosus</i>	GCA_002287945.1_ASM228794v1_genomic.fna

4690	<i>Pasteurella multocida</i>	GCA_001874445.1_ASM187444v1_genomic.fna
4691	<i>Acetobacter pasteurianus</i>	GCA_001183745.1_ASM118374v1_genomic.fna
4692	<i>Enterococcus faecium</i>	GCA_001721065.1_ASM172106v1_genomic.fna
4693	<i>Neisseria gonorrhoeae</i>	GCA_002073655.1_ASM207365v1_genomic.fna
4694	<i>Bacillus amyloliquefaciens</i>	GCA_001483885.1_ASM148388v1_genomic.fna
4695	<i>Bifidobacterium animalis</i>	GCA_000471945.1_ASM47194v1_genomic.fna
4696	<i>Chlamydia psittaci</i>	GCA_000298515.2_ASM29851v2_genomic.fna
4697	<i>Klebsiella pneumoniae</i>	GCA_000417225.2_ASM41722v2_genomic.fna
4698	<i>Enterococcus faecalis</i>	GCA_001886675.1_ASM188667v1_genomic.fna
4699	<i>Brucella suis</i>	GCA_000740255.1_ASM74025v1_genomic.fna
4700	<i>Clostridium botulinum</i>	GCA_000092345.1_ASM9234v1_genomic.fna
4701	<i>Burkholderia thailandensis</i>	GCA_001718295.1_ASM171829v1_genomic.fna
4702	<i>Vibrio parahaemolyticus</i>	GCA_001700835.1_ASM170083v1_genomic.fna
4703	<i>Ralstonia pickettii</i>	GCA_000471925.1_ASM47192v1_genomic.fna
4704	<i>Bacillus subtilis</i>	GCA_000497485.1_ASM49748v1_genomic.fna
4705	<i>Xanthomonas oryzae</i>	GCA_001042835.1_ASM104283v1_genomic.fna
4706	<i>Xanthomonas citri</i>	GCA_000961295.1_ASM96129v1_genomic.fna
4707	<i>Lactobacillus delbrueckii</i>	GCA_001953135.1_ASM195313v1_genomic.fna
4708	<i>Brucella abortus</i>	GCA_000740375.1_ASM74037v1_genomic.fna
4709	<i>Yersinia pseudotuberculosis</i>	GCA_000834945.1_ASM83494v1_genomic.fna
4710	<i>Francisella</i> cf.	GCA_000195535.1_ASM19553v1_genomic.fna
4711	<i>Vibrio cholerae</i>	GCA_000963555.1_ASM96355v1_genomic.fna
4712	<i>Ralstonia solanacearum</i>	GCA_001891105.1_ASM189110v1_genomic.fna
4713	<i>Burkholderia mallei</i>	GCA_000959405.1_ASM95940v1_genomic.fna
4714	<i>Bacillus thuringiensis</i>	GCA_000341665.1_ASM34166v1_genomic.fna
4715	<i>Burkholderia pseudomallei</i>	GCA_000583835.1_ASM58383v1_genomic.fna
4716	<i>Burkholderia cenocepacia</i>	GCA_001999785.1_ASM199978v1_genomic.fna
4717	<i>Chlamydia trachomatis</i>	GCA_000092745.1_ASM9274v1_genomic.fna
4718	<i>Bacillus pumilus</i>	GCA_001908475.1_ASM190847v1_genomic.fna
4719	<i>Corynebacterium glutamicum</i>	GCA_001518935.2_ASM151893v2_genomic.fna
4720	<i>Streptococcus thermophilus</i>	GCA_001663795.1_ASM166379v1_genomic.fna
4721	<i>Acinetobacter baumannii</i>	GCA_000419405.1_ASM41940v1_genomic.fna
4722	<i>Bacillus licheniformis</i>	GCA_002236895.1_ASM223689v1_genomic.fna
4723	<i>Legionella pneumophila</i>	GCA_001590695.1_ASM159069v1_genomic.fna

4724	<i>Pseudomonas aeruginosa</i>	GCA_000496455.2_ASM49645v2_genomic.fna
4725	<i>Streptococcus suis</i>	GCA_000233575.1_ASM23357v1_genomic.fna
4726	<i>Vibrio vulnificus</i>	GCA_002224265.1_ASM222426v1_genomic.fna
4727	<i>Bifidobacterium longum</i>	GCA_000829295.1_ASM82929v1_genomic.fna
4728	<i>Shigella flexneri</i>	GCA_002240095.1_ASM224009v1_genomic.fna
4729	<i>Pseudomonas syringae</i>	GCA_002024285.1_ASM202428v1_genomic.fna
4730	<i>Bacillus anthracis</i>	GCA_000830095.1_ASM83009v1_genomic.fna
4731	<i>Streptococcus agalactiae</i>	GCA_000831105.1_ASM83110v1_genomic.fna
4732	<i>Fusobacterium nucleatum</i>	GCA_002211625.1_ASM221162v1_genomic.fna
4733	<i>Streptococcus pyogenes</i>	GCA_000013545.1_ASM1354v1_genomic.fna
4734	<i>Streptococcus pneumoniae</i>	GCA_000146975.1_ASM14697v1_genomic.fna
4735	<i>Pseudomonas putida</i>	GCA_000410575.1_ASM41057v1_genomic.fna
4736	<i>Xylella fastidiosa</i>	GCA_001456315.1_ASM145631v1_genomic.fna
4737	<i>Neisseria meningitidis</i>	GCA_000191505.1_ASM19150v1_genomic.fna
4738	<i>Buchnera aphidicola</i>	GCA_001700895.1_ASM170089v1_genomic.fna
4739	<i>Chlamydia pneumoniae</i>	GCA_001007145.1_PB2_genomic.fna
4740	<i>Helicobacter pylori</i>	GCA_000148855.1_ASM14885v1_genomic.fna
4741	<i>Escherichia coli</i>	GCA_000010745.1_ASM1074v1_genomic.fna
4742	<i>Haemophilus influenzae</i>	GCA_000931605.1_ASM93160v1_genomic.fna
4743	<i>Prochlorococcus marinus</i>	GCA_000018065.1_ASM1806v1_genomic.fna
4744	<i>Mycobacterium tuberculosis</i>	GCA_000277735.2_ASM27773v2_genomic.fna
4745	<i>Mycobacterium bovis</i>	GCA_001274555.1_ASM127455v1_genomic.fna
4746	<i>Mycobacterium avium</i>	GCA_001683455.1_ASM168345v1_genomic.fna
4747	<i>Listeria monocytogenes</i>	GCA_000195435.4_ASM19543v4_genomic.fna
4748	<i>Lactococcus lactis</i>	GCA_000479375.2_ASM47937v2_genomic.fna
4749	<i>Bacillus cereus</i>	GCA_000283675.1_ASM28367v1_genomic.fna
4750	<i>Staphylococcus aureus</i>	GCA_000013465.1_ASM1346v1_genomic.fna
4751	<i>Yersinia pestis</i>	GCA_000222975.1_ASM22297v1_genomic.fna
4752	<i>Pseudomonas fluorescens</i>	GCA_001612705.1_ASM161270v1_genomic.fna
4753	<i>Campylobacter jejuni</i>	GCA_000304375.1_AINO_genomic.fna
4754	<i>Salmonella enterica</i>	GCA_000020705.1_ASM2070v1_genomic.fna
4755	<i>Salmonella enterica</i>	GCA_000020745.1_ASM2074v1_genomic.fna
4756	<i>Pseudomonas fluorescens</i>	GCA_001708445.1_ASM170844v1_genomic.fna
4757	<i>Campylobacter jejuni</i>	GCA_000430385.1_ASM43038v1_genomic.fna

4758	<i>Yersinia pestis</i>	GCA_000834235.1_ASM83423v1_genomic.fna
4759	<i>Staphylococcus aureus</i>	GCA_000016805.1_ASM1680v1_genomic.fna
4760	<i>Bacillus cereus</i>	GCA_000292415.1_ASM29241v1_genomic.fna
4761	<i>Lactococcus lactis</i>	GCA_000761115.1_ASM76111v1_genomic.fna
4762	<i>Listeria monocytogenes</i>	GCA_000197755.2_ASM19775v2_genomic.fna
4763	<i>Mycobacterium avium</i>	GCA_001865635.1_ASM186563v1_genomic.fna
4764	<i>Mycobacterium bovis</i>	GCA_001483905.1_ASM148390v1_genomic.fna
4765	<i>Mycobacterium tuberculosis</i>	GCA_000331445.1_ASM33144v1_genomic.fna
4766	<i>Haemophilus influenzae</i>	GCA_000931625.1_ASM93162v1_genomic.fna
4767	<i>Escherichia coli</i>	GCA_000010765.1_ASM1076v1_genomic.fna
4768	<i>Helicobacter pylori</i>	GCA_000148875.1_ASM14887v1_genomic.fna
4769	<i>Buchnera aphidicola</i>	GCA_900128595.1_BCipseudotaxifoliae_v1.0_genomic.fna
4770	<i>Neisseria meningitidis</i>	GCA_000191525.1_ASM19152v1_genomic.fna
4771	<i>Xylella fastidiosa</i>	GCA_001456335.2_ASM145633v2_genomic.fna
4772	<i>Pseudomonas putida</i>	GCA_000412675.1_ASM41267v1_genomic.fna
4773	<i>Streptococcus pneumoniae</i>	GCA_000147095.1_ASM14709v1_genomic.fna
4774	<i>Streptococcus pyogenes</i>	GCA_000018125.1_ASM1812v1_genomic.fna
4775	<i>Streptococcus agalactiae</i>	GCA_000831125.1_ASM83112v1_genomic.fna
4776	<i>Bacillus anthracis</i>	GCA_000832425.1_ASM83242v1_genomic.fna
4777	<i>Pseudomonas syringae</i>	GCA_002024305.1_ASM202430v1_genomic.fna
4778	<i>Bifidobacterium longum</i>	GCA_001051015.2_ASM105101v2_genomic.fna
4779	<i>Shigella flexneri</i>	GCA_002240115.1_ASM224011v1_genomic.fna
4780	<i>Streptococcus suis</i>	GCA_000294495.1_ASM29449v1_genomic.fna
4781	<i>Pseudomonas aeruginosa</i>	GCA_000496605.2_ASM49660v2_genomic.fna
4782	<i>Legionella pneumophila</i>	GCA_001592705.1_ASM159270v1_genomic.fna
4783	<i>Shigella dysenteriae</i>	GCA_000497505.1_ASM49750v1_genomic.fna
4784	<i>Bacillus licheniformis</i>	GCA_002504325.1_ASM250432v1_genomic.fna
4785	<i>Acinetobacter baumannii</i>	GCA_000419425.1_ASM41942v1_genomic.fna
4786	<i>Streptococcus thermophilus</i>	GCA_001685375.1_ASM168537v1_genomic.fna
4787	<i>Corynebacterium glutamicum</i>	GCA_001643035.1_ASM164303v1_genomic.fna
4788	<i>Bacillus pumilus</i>	GCA_900186955.1_49386_E02_genomic.fna
4789	<i>Chlamydia trachomatis</i>	GCA_000092805.1_ASM9280v1_genomic.fna
4790	<i>Burkholderia cenocepacia</i>	GCA_001999825.1_ASM199982v1_genomic.fna
4791	<i>Burkholderia pseudomallei</i>	GCA_000755765.1_ASM75576v1_genomic.fna

4792	<i>Bacillus thuringiensis</i>	GCA_000688795.1_ASM68879v1_genomic.fna
4793	<i>Burkholderia mallei</i>	GCA_000959465.1_ASM95946v1_genomic.fna
4794	<i>Ralstonia solanacearum</i>	GCA_002155245.1_ASM215524v1_genomic.fna
4795	<i>Vibrio cholerae</i>	GCA_000969235.1_ASM96923v1_genomic.fna
4796	<i>Francisella</i> cf.	GCA_000195555.1_ASM19555v1_genomic.fna
4797	<i>Yersinia pseudotuberculosis</i>	GCA_900092345.1_YP4713_genomic.fna
4798	<i>Lactobacillus delbrueckii</i>	GCA_002000885.1_ASM200088v1_genomic.fna
4799	<i>Brucella abortus</i>	GCA_001043295.1_ASM104329v1_genomic.fna
4800	<i>Xanthomonas citri</i>	GCA_000961315.1_ASM96131v1_genomic.fna
4801	<i>Xanthomonas oryzae</i>	GCA_001042855.1_ASM104285v1_genomic.fna
4802	<i>Bacillus subtilis</i>	GCA_000523045.1_ASM52304v1_genomic.fna
4803	<i>Vibrio parahaemolyticus</i>	GCA_001758605.1_ASM175860v1_genomic.fna
4804	<i>Burkholderia thailandensis</i>	GCA_001718595.1_ASM171859v1_genomic.fna
4805	<i>Clostridium botulinum</i>	GCA_000253195.1_ASM25319v1_genomic.fna
4806	<i>Brucella suis</i>	GCA_000740435.1_ASM74043v1_genomic.fna
4807	<i>Enterococcus faecalis</i>	GCA_001989555.1_ASM198955v1_genomic.fna
4808	<i>Klebsiella pneumoniae</i>	GCA_000417265.2_ASM41726v2_genomic.fna
4809	<i>Chlamydia psittaci</i>	GCA_000298535.2_ASM29853v2_genomic.fna
4810	<i>Bacillus amyloliquefaciens</i>	GCA_001586105.1_ASM158610v1_genomic.fna
4811	<i>Bifidobacterium animalis</i>	GCA_000695895.1_ASM69589v1_genomic.fna
4812	<i>Neisseria gonorrhoeae</i>	GCA_900186875.1_49677_F01_genomic.fna
4813	<i>Enterococcus faecium</i>	GCA_001721905.1_ASM172190v1_genomic.fna
4814	<i>Acetobacter pasteurianus</i>	GCA_001766255.1_ASM176625v1_genomic.fna
4815	<i>Pasteurella multocida</i>	GCA_001956795.1_ASM195679v1_genomic.fna
4816	<i>Lactobacillus rhamnosus</i>	GCA_900070175.1_Lactobacillus_rhamnosus_CECT_8800_genomic.fna
4817	<i>Brucella melitensis</i>	GCA_002191335.1_ASM219133v1_genomic.fna
4818	<i>Sinorhizobium meliloti</i>	GCA_002197085.1_ASM219708v1_genomic.fna
4819	<i>Bordetella pertussis</i>	GCA_001307665.1_ASM130766v1_genomic.fna
4820	<i>Haemophilus ducreyi</i>	GCA_002208665.1_ASM220866v1_genomic.fna
4821	<i>Corynebacterium diphtheriae</i>	GCA_000255255.1_ASM25525v1_genomic.fna
4822	<i>Mycoplasma pneumoniae</i>	GCA_001272795.1_ASM127279v1_genomic.fna
4823	<i>Yersinia enterocolitica</i>	GCA_001708615.1_ASM170861v1_genomic.fna
4824	<i>Dehalococcoides mccartyi</i>	GCA_001610775.1_ASM161077v1_genomic.fna
4825	<i>Lactobacillus plantarum</i>	GCA_001484005.1_ASM148400v1_genomic.fna

4826	<i>Mannheimia haemolytica</i>	GCA_002285615.1_ASM228561v1_genomic.fna
4827	<i>Serratia marcescens</i>	GCA_002220575.1_ASM222057v1_genomic.fna
4828	<i>Cutibacterium acnes</i>	GCA_001469565.1_ASM146956v1_genomic.fna
4829	<i>Campylobacter coli</i>	GCA_001865495.1_ASM186549v1_genomic.fna
4830	<i>Enterobacter cloacae</i>	GCA_001022255.1_ASM102225v1_genomic.fna
4831	<i>Mycobacterium abscessus</i>	GCA_001606255.1_ASM160625v1_genomic.fna
4832	<i>Aeromonas hydrophila</i>	GCA_001683535.1_ASM168353v1_genomic.fna
4833	<i>Corynebacterium pseudotuberculosis</i>	GCA_000259155.3_ASM25915v3_genomic.fna
4834	<i>Piscirickettsia salmonis</i>	GCA_001932835.1_ASM193283v1_genomic.fna
4835	<i>Elizabethkingia anophelis</i>	GCA_002310515.1_ASM231051v1_genomic.fna
4836	<i>Rhizobium phaseoli</i>	GCA_001664425.1_ASM166442v1_genomic.fna
4837	<i>Bacillus velezensis</i>	GCA_000987825.1_ASM98782v1_genomic.fna
4838	<i>Alteromonas mediterranea</i>	GCA_000439475.1_ASM43947v1_genomic.fna
4839	<i>Alteromonas mediterranea</i>	GCA_001562295.1_ASM156229v1_genomic.fna
4840	<i>Bacillus velezensis</i>	GCA_000988345.1_ASM98834v1_genomic.fna
4841	<i>Rhizobium phaseoli</i>	GCA_001664445.1_ASM166444v1_genomic.fna
4842	<i>Elizabethkingia anophelis</i>	GCA_002310535.1_ASM231053v1_genomic.fna
4843	<i>Piscirickettsia salmonis</i>	GCA_001932855.1_ASM193285v1_genomic.fna
4844	<i>Corynebacterium pseudotuberculosis</i>	GCA_000263755.2_ASM26375v2_genomic.fna
4845	<i>Streptococcus intermedius</i>	GCA_001296205.1_ASM129620v1_genomic.fna
4846	<i>Aeromonas hydrophila</i>	GCA_001687125.1_ASM168712v1_genomic.fna
4847	<i>Mycobacterium abscessus</i>	GCA_001606275.1_ASM160627v1_genomic.fna
4848	<i>Enterobacter cloacae</i>	GCA_001029645.1_ASM102964v1_genomic.fna
4849	<i>Campylobacter coli</i>	GCA_001865515.1_ASM186551v1_genomic.fna
4850	<i>Cutibacterium acnes</i>	GCA_001469595.1_ASM146959v1_genomic.fna
4851	<i>Serratia marcescens</i>	GCA_002220595.1_ASM222059v1_genomic.fna
4852	<i>Mannheimia haemolytica</i>	GCA_002285815.1_ASM228581v1_genomic.fna
4853	<i>Bartonella quintana</i>	GCA_000294715.1_ASM29471v1_genomic.fna
4854	<i>Lactobacillus plantarum</i>	GCA_001581895.1_ASM158189v1_genomic.fna
4855	<i>Dehalococcoides mccartyi</i>	GCA_001889305.1_ASM188930v1_genomic.fna
4856	<i>Yersinia enterocolitica</i>	GCA_001708635.1_ASM170863v1_genomic.fna
4857	<i>Mycoplasma pneumoniae</i>	GCA_001272815.1_ASM127281v1_genomic.fna
4858	<i>Corynebacterium diphtheriae</i>	GCA_000255275.1_ASM25527v1_genomic.fna
4859	<i>Bordetella pertussis</i>	GCA_001307685.1_ASM130768v1_genomic.fna

4860	<i>Sinorhizobium meliloti</i>	GCA_002197105.1_ASM219710v1_genomic.fna
4861	<i>Brucella melitensis</i>	GCA_002191355.1_ASM219135v1_genomic.fna
4862	<i>Pasteurella multocida</i>	GCA_002059225.1_ASM205922v1_genomic.fna
4863	<i>Acetobacter pasteurianus</i>	GCA_002173735.1_ASM217373v1_genomic.fna
4864	<i>Enterococcus faecium</i>	GCA_001750885.1_ASM175088v1_genomic.fna
4865	<i>Neisseria gonorrhoeae</i>	GCA_900186915.1_49699_A01_genomic.fna
4866	<i>Bifidobacterium animalis</i>	GCA_000816205.1_ASM81620v1_genomic.fna
4867	<i>Bacillus amyloliquefaciens</i>	GCA_001593765.1_ASM159376v1_genomic.fna
4868	<i>Chlamydia psittaci</i>	GCA_000298555.2_ASM29855v2_genomic.fna
4869	<i>Klebsiella pneumoniae</i>	GCA_000445405.1_ASM44540v1_genomic.fna
4870	<i>Enterococcus faecalis</i>	GCA_002163735.1_ASM216373v1_genomic.fna
4871	<i>Brucella suis</i>	GCA_000875695.1_ASM87569v1_genomic.fna
4872	<i>Clostridium botulinum</i>	GCA_000307125.1_ASM30712v1_genomic.fna
4873	<i>Burkholderia thailandensis</i>	GCA_001718615.1_ASM171861v1_genomic.fna
4874	<i>Vibrio parahaemolyticus</i>	GCA_001879585.1_ASM187958v1_genomic.fna
4875	<i>Bacillus subtilis</i>	GCA_000699465.1_ASM69946v1_genomic.fna
4876	<i>Xanthomonas oryzae</i>	GCA_001042875.1_ASM104287v1_genomic.fna
4877	<i>Xanthomonas citri</i>	GCA_000961335.1_ASM96133v1_genomic.fna
4878	<i>Brucella abortus</i>	GCA_001296965.1_ASM129696v1_genomic.fna
4879	<i>Lactobacillus delbrueckii</i>	GCA_002142575.1_ASM214257v1_genomic.fna
4880	<i>Francisella tularensis</i>	GCA_000248415.1_ASM24841v1_genomic.fna
4881	<i>Vibrio cholerae</i>	GCA_000969265.1_ASM96926v1_genomic.fna
4882	<i>Ralstonia solanacearum</i>	GCA_002162015.1_ASM216201v1_genomic.fna
4883	<i>Burkholderia mallei</i>	GCA_000959485.1_ASM95948v1_genomic.fna
4884	<i>Bacillus thuringiensis</i>	GCA_000717535.1_ASM71753v1_genomic.fna
4885	<i>Burkholderia pseudomallei</i>	GCA_000755825.1_ASM75582v1_genomic.fna
4886	<i>Burkholderia cenocepacia</i>	GCA_001999885.1_ASM199988v1_genomic.fna
4887	<i>Chlamydia trachomatis</i>	GCA_000093005.1_ASM9300v1_genomic.fna
4888	<i>Corynebacterium glutamicum</i>	GCA_001683115.1_ASM168311v1_genomic.fna
4889	<i>Streptococcus thermophilus</i>	GCA_001705585.1_ASM170558v1_genomic.fna
4890	<i>Acinetobacter baumannii</i>	GCA_000498375.2_ASM49837v2_genomic.fna
4891	<i>Legionella pneumophila</i>	GCA_001610735.1_ASM161073v1_genomic.fna
4892	<i>Pseudomonas aeruginosa</i>	GCA_000496645.1_ASM49664v1_genomic.fna
4893	<i>Streptococcus suis</i>	GCA_000344765.1_ASM34476v1_genomic.fna

4894	<i>Shigella flexneri</i>	GCA_002240135.1_ASM224013v1_genomic.fna
4895	<i>Bifidobacterium longum</i>	GCA_001281305.1_ASM128130v1_genomic.fna
4896	<i>Bacillus anthracis</i>	GCA_000832445.1_ASM83244v1_genomic.fna
4897	<i>Streptococcus agalactiae</i>	GCA_000831145.1_ASM83114v1_genomic.fna
4898	<i>Streptococcus pneumoniae</i>	GCA_000180515.2_ASM18051v2_genomic.fna
4899	<i>Streptococcus pyogenes</i>	GCA_000230295.1_ASM23029v1_genomic.fna
4900	<i>Xylella fastidiosa</i>	GCA_002117875.1_ASM211787v1_genomic.fna
4901	<i>Pseudomonas putida</i>	GCA_000495455.2_ASM49545v2_genomic.fna
4902	<i>Neisseria meningitidis</i>	GCA_000253215.1_ASM25321v1_genomic.fna
4903	<i>Buchnera aphidicola</i>	GCA_900128735.1_BCiconfinis_v1.0_genomic.fna
4904	<i>Helicobacter pylori</i>	GCA_000148895.1_ASM14889v1_genomic.fna
4905	<i>Escherichia coli</i>	GCA_000013265.1_ASM1326v1_genomic.fna
4906	<i>Haemophilus influenzae</i>	GCA_000968335.1_ASM96833v1_genomic.fna
4907	<i>Mycobacterium tuberculosis</i>	GCA_000350205.1_ASM35020v1_genomic.fna
4908	<i>Mycobacterium bovis</i>	GCA_001580385.1_ASM158038v1_genomic.fna
4909	<i>Mycobacterium avium</i>	GCA_001936215.1_ASM193621v1_genomic.fna
4910	<i>Listeria monocytogenes</i>	GCA_000209755.1_ASM20975v1_genomic.fna
4911	<i>Lactococcus lactis</i>	GCA_000807375.1_ASM80737v1_genomic.fna
4912	<i>Bacillus cereus</i>	GCA_000635895.2_ASM63589v2_genomic.fna
4913	<i>Staphylococcus aureus</i>	GCA_000017085.1_ASM1708v1_genomic.fna
4914	<i>Yersinia pestis</i>	GCA_000834275.1_ASM83427v1_genomic.fna
4915	<i>Pseudomonas fluorescens</i>	GCA_001708465.1_ASM170846v1_genomic.fna
4916	<i>Campylobacter jejuni</i>	GCA_000466065.2_ASM46606v2_genomic.fna
4917	<i>Salmonella enterica</i>	GCA_000020885.1_ASM2088v1_genomic.fna
4918	<i>Salmonella enterica</i>	GCA_000020925.1_ASM2092v1_genomic.fna
4919	<i>Campylobacter jejuni</i>	GCA_000466075.2_ASM46607v2_genomic.fna
4920	<i>Pseudomonas fluorescens</i>	GCA_001708485.1_ASM170848v1_genomic.fna
4921	<i>Yersinia pestis</i>	GCA_000834315.1_ASM83431v1_genomic.fna
4922	<i>Staphylococcus aureus</i>	GCA_000017125.1_ASM1712v1_genomic.fna
4923	<i>Bacillus cereus</i>	GCA_000789315.1_ASM78931v1_genomic.fna
4924	<i>Lactococcus lactis</i>	GCA_002078375.1_ASM207837v1_genomic.fna
4925	<i>Listeria monocytogenes</i>	GCA_000210815.2_ASM21081v2_genomic.fna
4926	<i>Mycobacterium avium</i>	GCA_002208705.1_ASM220870v1_genomic.fna
4927	<i>Mycobacterium tuberculosis</i>	GCA_000364825.1_ASM36482v1_genomic.fna

4928	<i>Haemophilus influenzae</i>	GCA_001457655.1_NCTC8143_genomic.fna
4929	<i>Escherichia coli</i>	GCA_000013305.1_ASM1330v1_genomic.fna
4930	<i>Helicobacter pylori</i>	GCA_000148915.1_ASM14891v1_genomic.fna
4931	<i>Neisseria meningitidis</i>	GCA_000626595.1_ASM62659v1_genomic.fna
4932	<i>Buchnera aphidicola</i>	GCA_900128725.1_BCifornacula_v1.0_genomic.fna
4933	<i>Pseudomonas putida</i>	GCA_000498395.3_ASM49839v3_genomic.fna
4934	<i>Streptococcus pyogenes</i>	GCA_000250905.1_ASM25090v1_genomic.fna
4935	<i>Streptococcus pneumoniae</i>	GCA_000196595.1_ASM19659v1_genomic.fna
4936	<i>Streptococcus agalactiae</i>	GCA_001026925.1_ASM102692v1_genomic.fna
4937	<i>Bacillus anthracis</i>	GCA_000832465.1_ASM83246v1_genomic.fna
4938	<i>Shigella flexneri</i>	GCA_002442995.1_ASM244299v1_genomic.fna
4939	<i>Bifidobacterium longum</i>	GCA_001293145.1_ASM129314v1_genomic.fna
4940	<i>Streptococcus suis</i>	GCA_000390245.1_ASM39024v1_genomic.fna
4941	<i>Acinetobacter baumannii</i>	GCA_000505685.2_ASM50568v2_genomic.fna
4942	<i>Pseudomonas aeruginosa</i>	GCA_000504045.1_ASM50404v1_genomic.fna
4943	<i>Legionella pneumophila</i>	GCA_001652645.1_ASM165264v1_genomic.fna
4944	<i>Streptococcus thermophilus</i>	GCA_001855705.1_ASM185570v1_genomic.fna
4945	<i>Corynebacterium glutamicum</i>	GCA_001687645.1_ASM168764v1_genomic.fna
4946	<i>Chlamydia trachomatis</i>	GCA_000210495.1_ASM21049v1_genomic.fna
4947	<i>Burkholderia cenocepacia</i>	GCA_002007585.1_ASM200758v1_genomic.fna
4948	<i>Burkholderia pseudomallei</i>	GCA_000755905.1_ASM75590v1_genomic.fna
4949	<i>Bacillus thuringiensis</i>	GCA_000747545.1_ASM74754v1_genomic.fna
4950	<i>Burkholderia mallei</i>	GCA_000959625.1_ASM95962v1_genomic.fna
4951	<i>Ralstonia solanacearum</i>	GCA_002220465.1_ASM222046v1_genomic.fna
4952	<i>Vibrio cholerae</i>	GCA_001250235.2_5174_7_8_v2_genomic.fna
4953	<i>Francisella tularensis</i>	GCA_000248435.1_ASM24843v1_genomic.fna
4954	<i>Lactobacillus delbrueckii</i>	GCA_002278095.1_ASM227809v1_genomic.fna
4955	<i>Brucella abortus</i>	GCA_002262975.1_ASM226297v1_genomic.fna
4956	<i>Xanthomonas citri</i>	GCA_000961355.1_ASM96135v1_genomic.fna
4957	<i>Xanthomonas oryzae</i>	GCA_001466505.1_ASM146650v1_genomic.fna
4958	<i>Bacillus subtilis</i>	GCA_000699525.1_ASM69952v1_genomic.fna
4959	<i>Vibrio parahaemolyticus</i>	GCA_001887055.1_ASM188705v1_genomic.fna
4960	<i>Burkholderia thailandensis</i>	GCA_001718635.1_ASM171863v1_genomic.fna
4961	<i>Clostridium botulinum</i>	GCA_000789355.1_ASM78935v1_genomic.fna

4962	<i>Brucella suis</i>	GCA_001715425.1_ASM171542v1_genomic.fna
4963	<i>Enterococcus faecalis</i>	GCA_002208945.1_ASM220894v1_genomic.fna
4964	<i>Klebsiella pneumoniae</i>	GCA_000465975.2_ASM46597v2_genomic.fna
4965	<i>Bacillus amyloliquefaciens</i>	GCA_001593785.1_ASM159378v1_genomic.fna
4966	<i>Bifidobacterium animalis</i>	GCA_000817045.1_ASM81704v1_genomic.fna
4967	<i>Neisseria gonorrhoeae</i>	GCA_900186935.1_49677_G01_genomic.fna
4968	<i>Enterococcus faecium</i>	GCA_001886635.1_ASM188663v1_genomic.fna
4969	<i>Acetobacter pasteurianus</i>	GCA_002173775.1_ASM217377v1_genomic.fna
4970	<i>Pasteurella multocida</i>	GCA_002073255.1_ASM207325v1_genomic.fna
4971	<i>Brucella melitensis</i>	GCA_002191375.1_ASM219137v1_genomic.fna
4972	<i>Sinorhizobium meliloti</i>	GCA_002197125.1_ASM219712v1_genomic.fna
4973	<i>Bordetella pertussis</i>	GCA_001307705.1_ASM130770v1_genomic.fna
4974	<i>Mycoplasma pneumoniae</i>	GCA_001272835.1_ASM127283v1_genomic.fna
4975	<i>Corynebacterium diphtheriae</i>	GCA_001902275.1_ASM190227v1_genomic.fna
4976	<i>Yersinia enterocolitica</i>	GCA_001708655.1_ASM170865v1_genomic.fna
4977	<i>Dehalococcoides mccartyi</i>	GCA_002007825.1_ASM200782v1_genomic.fna
4978	<i>Lactobacillus plantarum</i>	GCA_001596095.1_ASM159609v1_genomic.fna
4979	<i>Serratia marcescens</i>	GCA_002220615.1_ASM222061v1_genomic.fna
4980	<i>Cutibacterium acnes</i>	GCA_001469615.1_ASM146961v1_genomic.fna
4981	<i>Campylobacter coli</i>	GCA_001865535.1_ASM186553v1_genomic.fna
4982	<i>Enterobacter cloacae</i>	GCA_001922365.1_ASM192236v1_genomic.fna
4983	<i>Mycobacterium abscessus</i>	GCA_001606295.1_ASM160629v1_genomic.fna
4984	<i>Corynebacterium pseudotuberculosis</i>	GCA_000265545.2_ASM26554v2_genomic.fna
4985	<i>Piscirickettsia salmonis</i>	GCA_001932875.1_ASM193287v1_genomic.fna
4986	<i>Staphylococcus cohnii</i>	GCA_001990205.1_ASM199020v1_genomic.fna
4987	<i>Bacillus velezensis</i>	GCA_001023595.1_ASM102359v1_genomic.fna
4988	<i>Bacillus velezensis</i>	GCA_001536925.1_BMC_PRJEB12378v1_genomic.fna
4989	<i>Piscirickettsia salmonis</i>	GCA_001932895.1_ASM193289v1_genomic.fna
4990	<i>Corynebacterium pseudotuberculosis</i>	GCA_000730365.1_ASM73036v1_genomic.fna
4991	<i>Lysinibacillus sphaericus</i>	GCA_000017965.1_ASM1796v1_genomic.fna
4992	<i>Mycobacterium abscessus</i>	GCA_001606315.1_ASM160631v1_genomic.fna
4993	<i>Enterobacter cloacae</i>	GCA_002007805.1_ASM200780v1_genomic.fna
4994	<i>Campylobacter coli</i>	GCA_001865555.1_ASM186555v1_genomic.fna
4995	<i>Cutibacterium acnes</i>	GCA_001469655.1_ASM146965v1_genomic.fna

4996	<i>Serratia marcescens</i>	GCA_002220635.1_ASM222063v1_genomic.fna
4997	<i>Lactobacillus plantarum</i>	GCA_001617525.1_ASM161752v1_genomic.fna
4998	<i>Dehalococcoides mccartyi</i>	GCA_002007845.1_ASM200784v1_genomic.fna
4999	<i>Mycoplasma pneumoniae</i>	GCA_001272855.1_ASM127285v1_genomic.fna
5000	<i>Corynebacterium diphtheriae</i>	GCA_002073375.1_ASM207337v1_genomic.fna
5001	<i>Bordetella pertussis</i>	GCA_001307725.1_ASM130772v1_genomic.fna
5002	<i>Sinorhizobium meliloti</i>	GCA_002197145.1_ASM219714v1_genomic.fna
5003	<i>Brucella melitensis</i>	GCA_002191455.1_ASM219145v1_genomic.fna
5004	<i>Pasteurella multocida</i>	GCA_002073295.1_ASM207329v1_genomic.fna
5005	<i>Acetobacter pasteurianus</i>	GCA_002202135.1_ASM220213v1_genomic.fna
5006	<i>Enterococcus faecium</i>	GCA_001895905.1_ASM189590v1_genomic.fna
5007	<i>Bifidobacterium animalis</i>	GCA_000818055.1_ASM81805v1_genomic.fna
5008	<i>Bacillus amyloliquefaciens</i>	GCA_001596755.1_ASM159675v1_genomic.fna
5009	<i>Enterococcus faecalis</i>	GCA_002355755.1_ASM235575v1_genomic.fna
5010	<i>Klebsiella pneumoniae</i>	GCA_000474015.1_ASM47401v1_genomic.fna
5011	<i>Clostridium botulinum</i>	GCA_000817935.1_ASM81793v1_genomic.fna
5012	<i>Burkholderia thailandensis</i>	GCA_002386205.1_ASM238620v1_genomic.fna
5013	<i>Mycoplasma mycoides</i>	GCA_001554095.1_ASM155409v1_genomic.fna
5014	<i>Vibrio parahaemolyticus</i>	GCA_002073775.1_ASM207377v1_genomic.fna
5015	<i>Bacillus subtilis</i>	GCA_000706705.1_ASM70670v1_genomic.fna
5016	<i>Xanthomonas oryzae</i>	GCA_001518895.1_ASM151889v1_genomic.fna
5017	<i>Xanthomonas citri</i>	GCA_000961375.1_ASM96137v1_genomic.fna
5018	<i>Brucella abortus</i>	GCA_002262995.1_ASM226299v1_genomic.fna
5019	<i>Lactobacillus delbrueckii</i>	GCA_002285775.1_ASM228577v1_genomic.fna
5020	<i>Francisella tularensis</i>	GCA_000313385.1_ASM31338v1_genomic.fna
5021	<i>Ralstonia solanacearum</i>	GCA_002501565.1_ASM250156v1_genomic.fna
5022	<i>Vibrio cholerae</i>	GCA_001318185.1_ASM131818v1_genomic.fna
5023	<i>Burkholderia mallei</i>	GCA_001729545.1_ASM172954v1_genomic.fna
5024	<i>Bacillus thuringiensis</i>	GCA_000803665.1_ASM80366v1_genomic.fna
5025	<i>Burkholderia pseudomallei</i>	GCA_000755925.1_ASM75592v1_genomic.fna
5026	<i>Chlamydia trachomatis</i>	GCA_000220105.1_ASM22010v1_genomic.fna
5027	<i>Corynebacterium glutamicum</i>	GCA_001936195.1_ASM193619v1_genomic.fna
5028	<i>Streptococcus thermophilus</i>	GCA_002012365.1_ASM201236v1_genomic.fna
5029	<i>Legionella pneumophila</i>	GCA_001652665.1_ASM165266v1_genomic.fna

5030	<i>Acinetobacter baumannii</i>	GCA_000695855.3_ASM69585v3_genomic.fna
5031	<i>Pseudomonas aeruginosa</i>	GCA_000508765.1_ASM50876v1_genomic.fna
5032	<i>Streptococcus agalactiae</i>	GCA_001190805.1_ASM119080v1_genomic.fna
5033	<i>Streptococcus suis</i>	GCA_000471985.1_ASM47198v1_genomic.fna
5034	<i>Bifidobacterium longum</i>	GCA_001446255.1_ASM144625v1_genomic.fna
5035	<i>Bacillus anthracis</i>	GCA_000832505.1_ASM83250v1_genomic.fna
5036	<i>Streptococcus pneumoniae</i>	GCA_000210935.1_ASM21093v1_genomic.fna
5037	<i>Streptococcus pyogenes</i>	GCA_000250925.1_ASM25092v1_genomic.fna
5038	<i>Pseudomonas putida</i>	GCA_000691565.1_ASM69156v1_genomic.fna
5039	<i>Neisseria meningitidis</i>	GCA_000787195.2_ASM78719v2_genomic.fna
5040	<i>Buchnera aphidicola</i>	GCA_000021065.1_ASM2106v1_genomic.fna
5041	<i>Helicobacter pylori</i>	GCA_000178935.2_ASM17893v2_genomic.fna
5042	<i>Escherichia coli</i>	GCA_000014845.1_ASM1484v1_genomic.fna
5043	<i>Mycobacterium tuberculosis</i>	GCA_000389945.1_ASM38994v1_genomic.fna
5044	<i>Haemophilus influenzae</i>	GCA_001856725.1_ASM185672v1_genomic.fna
5045	<i>Mycobacterium avium</i>	GCA_002716905.1_ASM271690v1_genomic.fna
5046	<i>Listeria monocytogenes</i>	GCA_000218305.1_ASM21830v1_genomic.fna
5047	<i>Lactococcus lactis</i>	GCA_002078395.1_ASM207839v1_genomic.fna
5048	<i>Bacillus cereus</i>	GCA_000832385.1_ASM83238v1_genomic.fna
5049	<i>Yersinia pestis</i>	GCA_000834335.1_ASM83433v1_genomic.fna
5050	<i>Salmonella enterica</i>	GCA_000022165.1_ASM2216v1_genomic.fna
5051	<i>Pseudomonas fluorescens</i>	GCA_001747385.1_ASM174738v1_genomic.fna
5052	<i>Campylobacter jejuni</i>	GCA_000466105.2_ASM46610v2_genomic.fna
5053	<i>Staphylococcus aureus</i>	GCA_000024585.1_ASM2458v1_genomic.fna
5054	<i>Staphylococcus aureus</i>	GCA_000025145.2_ASM2514v1_genomic.fna
5055	<i>Salmonella enterica</i>	GCA_000026565.1_ASM2656v1_genomic.fna
5056	<i>Campylobacter jejuni</i>	GCA_000468915.2_ASM46891v2_genomic.fna
5057	<i>Yersinia pestis</i>	GCA_000834495.1_ASM83449v1_genomic.fna
5058	<i>Bacillus cereus</i>	GCA_000832405.1_ASM83240v1_genomic.fna
5059	<i>Lactococcus lactis</i>	GCA_002078415.1_ASM207841v1_genomic.fna
5060	<i>Listeria monocytogenes</i>	GCA_000258905.1_ASM25890v1_genomic.fna
5061	<i>Mycobacterium avium</i>	GCA_002716925.1_ASM271692v1_genomic.fna
5062	<i>Haemophilus influenzae</i>	GCA_002073475.1_ASM207347v1_genomic.fna
5063	<i>Mycobacterium tuberculosis</i>	GCA_000400615.1_ASM40061v1_genomic.fna

5064	<i>Escherichia coli</i>	GCA_000017745.1_ASM1774v1_genomic.fna
5065	<i>Helicobacter pylori</i>	GCA_000185185.1_ASM18518v1_genomic.fna
5066	<i>Buchnera aphidicola</i>	GCA_000021085.1_ASM2108v1_genomic.fna
5067	<i>Neisseria meningitidis</i>	GCA_000800235.1_ASM80023v1_genomic.fna
5068	<i>Streptococcus pyogenes</i>	GCA_000307535.1_ASM30753v1_genomic.fna
5069	<i>Streptococcus pneumoniae</i>	GCA_000210955.1_ASM21095v1_genomic.fna
5070	<i>Pseudomonas putida</i>	GCA_001515585.2_ASM151558v2_genomic.fna
5071	<i>Bacillus anthracis</i>	GCA_000832565.1_ASM83256v1_genomic.fna
5072	<i>Bifidobacterium longum</i>	GCA_001446275.1_ASM144627v1_genomic.fna
5073	<i>Streptococcus agalactiae</i>	GCA_001190885.1_ASM119088v1_genomic.fna
5074	<i>Streptococcus suis</i>	GCA_000494895.1_ASM49489v1_genomic.fna
5075	<i>Acinetobacter baumannii</i>	GCA_000746605.1_ASM74660v1_genomic.fna
5076	<i>Pseudomonas aeruginosa</i>	GCA_000510305.1_ASM51030v1_genomic.fna
5077	<i>Legionella pneumophila</i>	GCA_001652685.1_ASM165268v1_genomic.fna
5078	<i>Streptococcus thermophilus</i>	GCA_002286255.1_ASM228625v1_genomic.fna
5079	<i>Corynebacterium glutamicum</i>	GCA_002163915.1_ASM216391v1_genomic.fna
5080	<i>Chlamydia trachomatis</i>	GCA_000226605.1_ASM22660v1_genomic.fna
5081	<i>Burkholderia pseudomallei</i>	GCA_000755945.1_ASM75594v1_genomic.fna
5082	<i>Bacillus thuringiensis</i>	GCA_000832485.1_ASM83248v1_genomic.fna
5083	<i>Burkholderia mallei</i>	GCA_002345985.1_ASM234598v1_genomic.fna
5084	<i>Ralstonia solanacearum</i>	GCA_002549815.1_ASM254981v1_genomic.fna
5085	<i>Vibrio cholerae</i>	GCA_001683415.1_ASM168341v1_genomic.fna
5086	<i>Francisella tularensis</i>	GCA_000524575.1_ASM52457v1_genomic.fna
5087	<i>Lactobacillus delbrueckii</i>	GCA_900196735.1_Lactobacillus_bulgaricus_ACA-DC_87_genomic.fna
5088	<i>Xanthomonas citri</i>	GCA_000961395.1_ASM96139v1_genomic.fna
5089	<i>Xanthomonas oryzae</i>	GCA_001746595.1_ASM174659v1_genomic.fna
5090	<i>Bacillus subtilis</i>	GCA_000737405.1_ASM73740v1_genomic.fna
5091	<i>Vibrio parahaemolyticus</i>	GCA_002209725.2_ASM220972v2_genomic.fna
5092	<i>Mycoplasma mycoides</i>	GCA_001554115.1_ASM155411v1_genomic.fna
5093	<i>Clostridium botulinum</i>	GCA_000827935.1_ASM82793v1_genomic.fna
5094	<i>Klebsiella pneumoniae</i>	GCA_000512165.1_ASM51216v1_genomic.fna
5095	<i>Bifidobacterium animalis</i>	GCA_001688645.2_ASM168864v2_genomic.fna
5096	<i>Bacillus amyloliquefaciens</i>	GCA_001705195.1_ASM170519v1_genomic.fna
5097	<i>Enterococcus faecium</i>	GCA_001953235.1_ASM195323v1_genomic.fna

5098	<i>Acetobacter pasteurianus</i>	GCA_002220195.1_ASM222019v1_genomic.fna
5099	<i>Pasteurella multocida</i>	GCA_002393385.1_ASM239338v1_genomic.fna
5100	<i>Brucella melitensis</i>	GCA_002191575.1_ASM219157v1_genomic.fna
5101	<i>Sinorhizobium meliloti</i>	GCA_002197165.1_ASM219716v1_genomic.fna
5102	<i>Bordetella pertussis</i>	GCA_001307745.1_ASM130774v1_genomic.fna
5103	<i>Mycoplasma pneumoniae</i>	GCA_001272875.1_ASM127287v1_genomic.fna
5104	<i>Dehalococcoides mccartyi</i>	GCA_002007865.1_ASM200786v1_genomic.fna
5105	<i>Lactobacillus plantarum</i>	GCA_001659745.1_ASM165974v1_genomic.fna
5106	<i>Serratia marcescens</i>	GCA_002220655.1_ASM222065v1_genomic.fna
5107	<i>Campylobacter coli</i>	GCA_001936355.1_ASM193635v1_genomic.fna
5108	<i>Enterobacter cloacae</i>	GCA_002025685.1_ASM202568v1_genomic.fna
5109	<i>Mycobacterium abscessus</i>	GCA_001606335.1_ASM160633v1_genomic.fna
5110	<i>Corynebacterium pseudotuberculosis</i>	GCA_000730405.1_ASM73040v1_genomic.fna
5111	<i>Staphylococcus sciuri</i>	GCA_002072755.1_ASM207275v1_genomic.fna
5112	<i>Piscirickettsia salmonis</i>	GCA_001932915.1_ASM193291v1_genomic.fna
5113	<i>Bacillus velezensis</i>	GCA_001593395.2_ASM159339v2_genomic.fna
5114	<i>Bacillus velezensis</i>	GCA_001685645.1_ASM168564v1_genomic.fna
5115	<i>Piscirickettsia salmonis</i>	GCA_001932935.1_ASM193293v1_genomic.fna
5116	<i>Corynebacterium pseudotuberculosis</i>	GCA_000730445.1_ASM73044v1_genomic.fna
5117	<i>Mycobacterium abscessus</i>	GCA_001610615.1_ASM161061v1_genomic.fna
5118	<i>Enterobacter cloacae</i>	GCA_002055735.1_ASM205573v1_genomic.fna
5119	<i>Campylobacter coli</i>	GCA_002407145.1_ASM240714v1_genomic.fna
5120	<i>Serratia marcescens</i>	GCA_002220675.1_ASM222067v1_genomic.fna
5121	<i>Lactobacillus plantarum</i>	GCA_001660025.1_ASM166002v1_genomic.fna
5122	<i>Dehalococcoides mccartyi</i>	GCA_002007905.1_ASM200790v1_genomic.fna
5123	<i>Mycoplasma pneumoniae</i>	GCA_001272895.1_ASM127289v1_genomic.fna
5124	<i>Bordetella pertussis</i>	GCA_001509895.1_ASM150989v1_genomic.fna
5125	<i>Sinorhizobium meliloti</i>	GCA_002197445.1_ASM219744v1_genomic.fna
5126	<i>Brucella melitensis</i>	GCA_002191615.1_ASM219161v1_genomic.fna
5127	<i>Pasteurella multocida</i>	GCA_002591295.1_ASM259129v1_genomic.fna
5128	<i>Enterococcus faecium</i>	GCA_001953255.1_ASM195325v1_genomic.fna
5129	<i>Bifidobacterium animalis</i>	GCA_002220485.1_ASM222048v1_genomic.fna
5130	<i>Bacillus amyloliquefaciens</i>	GCA_001874385.1_ASM187438v1_genomic.fna
5131	<i>Klebsiella pneumoniae</i>	GCA_000597905.1_ASM59790v1_genomic.fna

5132	<i>Clostridium botulinum</i>	GCA_000827955.1_ASM82795v1_genomic.fna
5133	<i>Vibrio parahaemolyticus</i>	GCA_002220985.2_HGAP_genomic.fna
5134	<i>Bacillus subtilis</i>	GCA_000772125.1_ASM77212v1_genomic.fna
5135	<i>Xanthomonas oryzae</i>	GCA_001746615.1_ASM174661v1_genomic.fna
5136	<i>Xanthomonas citri</i>	GCA_000961415.1_ASM96141v1_genomic.fna
5137	<i>Francisella tularensis</i>	GCA_000833165.1_ASM83316v1_genomic.fna
5138	<i>Vibrio cholerae</i>	GCA_001854425.1_ASM185442v1_genomic.fna
5139	<i>Burkholderia mallei</i>	GCA_002346005.1_ASM234600v1_genomic.fna
5140	<i>Bacillus thuringiensis</i>	GCA_000832825.1_ASM83282v1_genomic.fna
5141	<i>Burkholderia pseudomallei</i>	GCA_000755965.1_ASM75596v1_genomic.fna
5142	<i>Chlamydia trachomatis</i>	GCA_000284475.1_ASM28447v1_genomic.fna
5143	<i>Corynebacterium glutamicum</i>	GCA_002220135.1_ASM222013v1_genomic.fna
5144	<i>Streptococcus thermophilus</i>	GCA_002443035.1_ASM244303v1_genomic.fna
5145	<i>Legionella pneumophila</i>	GCA_001677075.2_ASM167707v2_genomic.fna
5146	<i>Pseudomonas aeruginosa</i>	GCA_000524595.1_ASM52459v1_genomic.fna
5147	<i>Streptococcus agalactiae</i>	GCA_001266635.1_ASM126663v1_genomic.fna
5148	<i>Acinetobacter baumannii</i>	GCA_000761175.1_ASM76117v1_genomic.fna
5149	<i>Streptococcus suis</i>	GCA_000732355.1_ASM73235v1_genomic.fna
5150	<i>Bifidobacterium longum</i>	GCA_001719085.1_ASM171908v1_genomic.fna
5151	<i>Bacillus anthracis</i>	GCA_000832585.1_ASM83258v1_genomic.fna
5152	<i>Streptococcus pneumoniae</i>	GCA_000210975.1_ASM21097v1_genomic.fna
5153	<i>Streptococcus pyogenes</i>	GCA_000349925.2_ASM34992v2_genomic.fna
5154	<i>Pseudomonas putida</i>	GCA_001636055.1_ASM163605v1_genomic.fna
5155	<i>Neisseria meningitidis</i>	GCA_000800275.1_ASM80027v1_genomic.fna
5156	<i>Buchnera aphidicola</i>	GCA_000183225.1_ASM18322v1_genomic.fna
5157	<i>Helicobacter pylori</i>	GCA_000185205.1_ASM18520v1_genomic.fna
5158	<i>Escherichia coli</i>	GCA_000017765.1_ASM1776v1_genomic.fna
5159	<i>Mycobacterium avium</i>	GCA_002716965.1_ASM271696v1_genomic.fna
5160	<i>Mycobacterium tuberculosis</i>	GCA_000422125.1_ASM42212v1_genomic.fna
5161	<i>Listeria monocytogenes</i>	GCA_000306905.1_ASM30690v1_genomic.fna
5162	<i>Lactococcus lactis</i>	GCA_002078435.1_ASM207843v1_genomic.fna
5163	<i>Bacillus cereus</i>	GCA_000832525.1_ASM83252v1_genomic.fna
5164	<i>Yersinia pestis</i>	GCA_000834755.1_ASM83475v1_genomic.fna
5165	<i>Salmonella enterica</i>	GCA_000027025.1_ASM2702v1_genomic.fna

5166	<i>Campylobacter jejuni</i>	GCA_000493495.1_TS_genomic.fna
5167	<i>Staphylococcus aureus</i>	GCA_000027045.1_ASM2704v1_genomic.fna
5168	<i>Staphylococcus aureus</i>	GCA_000144955.1_ASM14495v1_genomic.fna
5169	<i>Campylobacter jejuni</i>	GCA_000632435.1_ASM63243v1_genomic.fna
5170	<i>Salmonella enterica</i>	GCA_000188735.1_ASM18873v1_genomic.fna
5171	<i>Yersinia pestis</i>	GCA_000834775.1_ASM83477v1_genomic.fna
5172	<i>Bacillus cereus</i>	GCA_000832765.1_ASM83276v1_genomic.fna
5173	<i>Lactococcus lactis</i>	GCA_002078455.1_ASM207845v1_genomic.fna
5174	<i>Listeria monocytogenes</i>	GCA_000306985.1_ASM30698v1_genomic.fna
5175	<i>Mycobacterium tuberculosis</i>	GCA_000572125.1_ASM57212v1_genomic.fna
5176	<i>Escherichia coli</i>	GCA_000017985.1_ASM1798v1_genomic.fna
5177	<i>Helicobacter pylori</i>	GCA_000185225.1_ASM18522v1_genomic.fna
5178	<i>Buchnera aphidicola</i>	GCA_000183245.1_ASM18324v1_genomic.fna
5179	<i>Neisseria meningitidis</i>	GCA_000800315.1_ASM80031v1_genomic.fna
5180	<i>Pseudomonas putida</i>	GCA_001767335.1_ASM176733v1_genomic.fna
5181	<i>Streptococcus pyogenes</i>	GCA_000422045.1_ASM42204v1_genomic.fna
5182	<i>Streptococcus pneumoniae</i>	GCA_000210995.1_ASM21099v1_genomic.fna
5183	<i>Bacillus anthracis</i>	GCA_000832635.1_ASM83263v1_genomic.fna
5184	<i>Bifidobacterium longum</i>	GCA_001725985.1_ASM172598v1_genomic.fna
5185	<i>Pseudomonas aeruginosa</i>	GCA_000568855.2_ASM56885v2_genomic.fna
5186	<i>Streptococcus suis</i>	GCA_000993745.1_ASM99374v1_genomic.fna
5187	<i>Acinetobacter baumannii</i>	GCA_000786735.1_ASM78673v1_genomic.fna
5188	<i>Streptococcus agalactiae</i>	GCA_001275545.2_ASM127554v2_genomic.fna
5189	<i>Legionella pneumophila</i>	GCA_001677115.2_ASM167711v2_genomic.fna
5190	<i>Streptococcus thermophilus</i>	GCA_900094135.1_ASM90009413v1_genomic.fna
5191	<i>Corynebacterium glutamicum</i>	GCA_002243555.1_ASM224355v1_genomic.fna
5192	<i>Chlamydia trachomatis</i>	GCA_000304495.1_Cm_ESW3_genomic.fna
5193	<i>Burkholderia pseudomallei</i>	GCA_000756065.1_ASM75606v1_genomic.fna
5194	<i>Bacillus thuringiensis</i>	GCA_000832925.1_ASM83292v1_genomic.fna
5195	<i>Burkholderia mallei</i>	GCA_002346025.1_ASM234602v1_genomic.fna
5196	<i>Vibrio cholerae</i>	GCA_001887395.1_ASM188739v1_genomic.fna
5197	<i>Francisella tularensis</i>	GCA_000833235.1_ASM83323v1_genomic.fna
5198	<i>Xanthomonas citri</i>	GCA_000961435.1_ASM96143v1_genomic.fna
5199	<i>Xanthomonas oryzae</i>	GCA_001746635.1_ASM174663v1_genomic.fna

5200	<i>Bacillus subtilis</i>	GCA_000772165.1_ASM77216v1_genomic.fna
5201	<i>Clostridium botulinum</i>	GCA_000829015.1_ASM82901v1_genomic.fna
5202	<i>Klebsiella pneumoniae</i>	GCA_000598005.1_ASM59800v1_genomic.fna
5203	<i>Bacillus amyloliquefaciens</i>	GCA_001889285.1_ASM188928v1_genomic.fna
5204	<i>Enterococcus faecium</i>	GCA_002007625.1_ASM200762v1_genomic.fna
5205	<i>Pasteurella multocida</i>	GCA_900187275.1_51765_F01_genomic.fna
5206	<i>Brucella melitensis</i>	GCA_002191655.1_ASM219165v1_genomic.fna
5207	<i>Sinorhizobium meliloti</i>	GCA_002197465.1_ASM219746v1_genomic.fna
5208	<i>Bordetella pertussis</i>	GCA_001509915.1_ASM150991v1_genomic.fna
5209	<i>Mycoplasma pneumoniae</i>	GCA_001272915.1_ASM127291v1_genomic.fna
5210	<i>Dehalococcoides mccartyi</i>	GCA_002021775.1_ASM202177v1_genomic.fna
5211	<i>Lactobacillus plantarum</i>	GCA_001672035.1_ASM167203v1_genomic.fna
5212	<i>Serratia marcescens</i>	GCA_002220695.1_ASM222069v1_genomic.fna
5213	<i>Enterobacter cloacae</i>	GCA_002192355.1_ASM219235v1_genomic.fna
5214	<i>Mycobacterium abscessus</i>	GCA_001610635.1_ASM161063v1_genomic.fna
5215	<i>Corynebacterium pseudotuberculosis</i>	GCA_000764045.2_ASM76404v2_genomic.fna
5216	<i>Piscirickettsia salmonis</i>	GCA_001932955.1_ASM193295v1_genomic.fna
5217	<i>Bacillus velezensis</i>	GCA_001687745.1_ASM168774v1_genomic.fna
5218	<i>Bacillus velezensis</i>	GCA_001723585.1_ASM172358v1_genomic.fna
5219	<i>Corynebacterium pseudotuberculosis</i>	GCA_000814865.1_ASM81486v1_genomic.fna
5220	<i>Mycobacterium abscessus</i>	GCA_001610655.1_ASM161065v1_genomic.fna
5221	<i>Enterobacter cloacae</i>	GCA_002192395.1_ASM219239v1_genomic.fna
5222	<i>Serratia marcescens</i>	GCA_002220715.1_ASM222071v1_genomic.fna
5223	<i>Lactobacillus plantarum</i>	GCA_001704315.1_ASM170431v1_genomic.fna
5224	<i>Dehalococcoides mccartyi</i>	GCA_002024205.1_ASM202420v1_genomic.fna
5225	<i>Mycoplasma pneumoniae</i>	GCA_001509195.1_ASM150919v1_genomic.fna
5226	<i>Bordetella pertussis</i>	GCA_001605035.1_ASM160503v1_genomic.fna
5227	<i>Sinorhizobium meliloti</i>	GCA_002215195.1_ASM221519v1_genomic.fna
5228	<i>Brucella melitensis</i>	GCA_002191675.1_ASM219167v1_genomic.fna
5229	<i>Enterococcus faecium</i>	GCA_002024245.1_ASM202424v1_genomic.fna
5230	<i>Bacillus amyloliquefaciens</i>	GCA_001922005.1_ASM192200v1_genomic.fna
5231	<i>Klebsiella pneumoniae</i>	GCA_000695935.1_ASM69593v1_genomic.fna
5232	<i>Clostridium botulinum</i>	GCA_001879605.1_ASM187960v1_genomic.fna
5233	<i>Bacillus subtilis</i>	GCA_000772205.1_ASM77220v1_genomic.fna

5234	<i>Xanthomonas oryzae</i>	GCA_001746655.1_ASM174665v1_genomic.fna
5235	<i>Xanthomonas citri</i>	GCA_000961455.1_ASM96145v1_genomic.fna
5236	<i>Francisella tularensis</i>	GCA_000833335.1_ASM83333v1_genomic.fna
5237	<i>Vibrio cholerae</i>	GCA_001887415.1_ASM188741v1_genomic.fna
5238	<i>Burkholderia mallei</i>	GCA_002346045.1_ASM234604v1_genomic.fna
5239	<i>Bacillus thuringiensis</i>	GCA_000833085.1_ASM83308v1_genomic.fna
5240	<i>Burkholderia pseudomallei</i>	GCA_000756085.1_ASM75608v1_genomic.fna
5241	<i>Chlamydia trachomatis</i>	GCA_000304515.1_Cm_FSW4_genomic.fna
5242	<i>Corynebacterium glutamicum</i>	GCA_002277975.1_ASM227797v1_genomic.fna
5243	<i>Legionella pneumophila</i>	GCA_001752705.1_ASM175270v1_genomic.fna
5244	<i>Streptococcus agalactiae</i>	GCA_001448985.1_ASM144898v1_genomic.fna
5245	<i>Pseudomonas aeruginosa</i>	GCA_000816985.1_ASM81698v1_genomic.fna
5246	<i>Acinetobacter baumannii</i>	GCA_000814345.1_ASM81434v1_genomic.fna
5247	<i>Streptococcus suis</i>	GCA_001272635.1_ASM127263v1_genomic.fna
5248	<i>Bacillus anthracis</i>	GCA_000832665.1_ASM83266v1_genomic.fna
5249	<i>Streptococcus pneumoniae</i>	GCA_000211015.1_ASM21101v1_genomic.fna
5250	<i>Streptococcus pyogenes</i>	GCA_000732425.1_ASM73242v1_genomic.fna
5251	<i>Pseudomonas putida</i>	GCA_001886975.1_ASM188697v1_genomic.fna
5252	<i>Neisseria meningitidis</i>	GCA_000800355.1_ASM80035v1_genomic.fna
5253	<i>Buchnera aphidicola</i>	GCA_000183285.1_ASM18328v1_genomic.fna
5254	<i>Helicobacter pylori</i>	GCA_000185245.1_ASM18524v1_genomic.fna
5255	<i>Escherichia coli</i>	GCA_000019385.1_ASM1938v1_genomic.fna
5256	<i>Mycobacterium tuberculosis</i>	GCA_000572155.1_ASM57215v1_genomic.fna
5257	<i>Listeria monocytogenes</i>	GCA_000307005.1_ASM30700v1_genomic.fna
5258	<i>Lactococcus lactis</i>	GCA_002078475.1_ASM207847v1_genomic.fna
5259	<i>Bacillus cereus</i>	GCA_000832805.1_ASM83280v1_genomic.fna
5260	<i>Yersinia pestis</i>	GCA_000834825.1_ASM83482v1_genomic.fna
5261	<i>Campylobacter jejuni</i>	GCA_000737085.1_ASM73708v1_genomic.fna
5262	<i>Salmonella enterica</i>	GCA_000188955.5_ASM18895v5_genomic.fna
5263	<i>Staphylococcus aureus</i>	GCA_000145595.1_ASM14559v1_genomic.fna
5264	<i>Staphylococcus aureus</i>	GCA_000159535.2_ASM15953v2_genomic.fna
5265	<i>Campylobacter jejuni</i>	GCA_000772225.1_ASM77222v1_genomic.fna
5266	<i>Salmonella enterica</i>	GCA_000210855.2_ASM21085v2_genomic.fna
5267	<i>Yersinia pestis</i>	GCA_000834845.1_ASM83484v1_genomic.fna

5268	<i>Bacillus cereus</i>	GCA_000832845.1_ASM83284v1_genomic.fna
5269	<i>Lactococcus lactis</i>	GCA_002078495.1_ASM207849v1_genomic.fna
5270	<i>Listeria monocytogenes</i>	GCA_000307025.1_ASM30702v1_genomic.fna
5271	<i>Mycobacterium tuberculosis</i>	GCA_000572175.1_ASM57217v1_genomic.fna
5272	<i>Escherichia coli</i>	GCA_000019425.1_ASM1942v1_genomic.fna
5273	<i>Helicobacter pylori</i>	GCA_000192315.1_ASM19231v1_genomic.fna
5274	<i>Buchnera aphidicola</i>	GCA_000183305.1_ASM18330v1_genomic.fna
5275	<i>Neisseria meningitidis</i>	GCA_000800415.1_ASM80041v1_genomic.fna
5276	<i>Pseudomonas putida</i>	GCA_002025705.1_ASM202570v1_genomic.fna
5277	<i>Streptococcus pyogenes</i>	GCA_000743015.1_ASM74301v1_genomic.fna
5278	<i>Streptococcus pneumoniae</i>	GCA_000211035.2_ASM21103v2_genomic.fna
5279	<i>Bacillus anthracis</i>	GCA_000832725.1_ASM83272v1_genomic.fna
5280	<i>Streptococcus suis</i>	GCA_001572685.1_ASM157268v1_genomic.fna
5281	<i>Acinetobacter baumannii</i>	GCA_000828795.1_ASM82879v1_genomic.fna
5282	<i>Pseudomonas aeruginosa</i>	GCA_000829255.1_ASM82925v1_genomic.fna
5283	<i>Streptococcus agalactiae</i>	GCA_001552035.1_ASM155203v1_genomic.fna
5284	<i>Legionella pneumophila</i>	GCA_001752725.1_ASM175272v1_genomic.fna
5285	<i>Chlamydia trachomatis</i>	GCA_000304535.1_Cm_FSW5_genomic.fna
5286	<i>Corynebacterium glutamicum</i>	GCA_002355155.1_ASM235515v1_genomic.fna
5287	<i>Burkholderia pseudomallei</i>	GCA_000756125.1_ASM75612v1_genomic.fna
5288	<i>Bacillus thuringiensis</i>	GCA_000835025.1_ASM83502v1_genomic.fna
5289	<i>Burkholderia mallei</i>	GCA_002346065.1_ASM234606v1_genomic.fna
5290	<i>Vibrio cholerae</i>	GCA_001887435.1_ASM188743v1_genomic.fna
5291	<i>Francisella tularensis</i>	GCA_000833355.1_ASM83335v1_genomic.fna
5292	<i>Xanthomonas citri</i>	GCA_000961475.1_ASM96147v1_genomic.fna
5293	<i>Xanthomonas oryzae</i>	GCA_001746675.1_ASM174667v1_genomic.fna
5294	<i>Bacillus subtilis</i>	GCA_000782835.1_ASM78283v1_genomic.fna
5295	<i>Clostridium botulinum</i>	GCA_001879625.1_ASM187962v1_genomic.fna
5296	<i>Klebsiella pneumoniae</i>	GCA_000714675.1_ASM71467v1_genomic.fna
5297	<i>Bacillus amyloliquefaciens</i>	GCA_002173635.1_ASM217363v1_genomic.fna
5298	<i>Enterococcus faecium</i>	GCA_002025045.1_ASM202504v1_genomic.fna
5299	<i>Brucella melitensis</i>	GCA_002191755.1_ASM219175v1_genomic.fna
5300	<i>Sinorhizobium meliloti</i>	GCA_002302355.1_ASM230235v1_genomic.fna
5301	<i>Bordetella pertussis</i>	GCA_001605055.1_ASM160505v1_genomic.fna

5302	<i>Mycoplasma pneumoniae</i>	GCA_001558175.1_ASM155817v1_genomic.fna
5303	<i>Dehalococcoides mccartyi</i>	GCA_002024225.1_ASM202422v1_genomic.fna
5304	<i>Lactobacillus plantarum</i>	GCA_001704335.1_ASM170433v1_genomic.fna
5305	<i>Serratia marcescens</i>	GCA_900029885.1_Sm_SMB2099_genomic.fna
5306	<i>Enterobacter cloacae</i>	GCA_002197345.1_ASM219734v1_genomic.fna
5307	<i>Mycobacterium abscessus</i>	GCA_001610675.1_ASM161067v1_genomic.fna
5308	<i>Corynebacterium pseudotuberculosis</i>	GCA_000972805.1_ASM97280v1_genomic.fna
5309	<i>Bacillus velezensis</i>	GCA_001752685.1_ASM175268v1_genomic.fna
5310	<i>Bacillus velezensis</i>	GCA_001854345.1_ASM185434v1_genomic.fna
5311	<i>Corynebacterium pseudotuberculosis</i>	GCA_001017615.1_ASM101761v1_genomic.fna
5312	<i>Mycobacterium abscessus</i>	GCA_001677095.1_ASM167709v1_genomic.fna
5313	<i>Enterobacter cloacae</i>	GCA_002201815.1_ASM220181v1_genomic.fna
5314	<i>Lactobacillus plantarum</i>	GCA_001715615.1_ASM171561v1_genomic.fna
5315	<i>Dehalococcoides mccartyi</i>	GCA_002028285.1_ASM202828v1_genomic.fna
5316	<i>Mycoplasma pneumoniae</i>	GCA_001901705.1_ASM190170v1_genomic.fna
5317	<i>Bordetella pertussis</i>	GCA_001605075.1_ASM160507v1_genomic.fna
5318	<i>Sinorhizobium meliloti</i>	GCA_002302375.1_ASM230237v1_genomic.fna
5319	<i>Brucella melitensis</i>	GCA_002191915.1_ASM219191v1_genomic.fna
5320	<i>Enterococcus faecium</i>	GCA_002025065.1_ASM202506v1_genomic.fna
5321	<i>Bacillus amyloliquefaciens</i>	GCA_002209305.1_ASM220930v1_genomic.fna
5322	<i>Klebsiella pneumoniae</i>	GCA_000717515.1_ASM71751v1_genomic.fna
5323	<i>Clostridium botulinum</i>	GCA_001886775.1_ASM188677v1_genomic.fna
5324	<i>Bacillus subtilis</i>	GCA_000789275.1_ASM78927v1_genomic.fna
5325	<i>Xanthomonas oryzae</i>	GCA_001746695.1_ASM174669v1_genomic.fna
5326	<i>Xanthomonas citri</i>	GCA_000961495.1_ASM96149v1_genomic.fna
5327	<i>Francisella tularensis</i>	GCA_000833375.1_ASM83337v1_genomic.fna
5328	<i>Vibrio cholerae</i>	GCA_001887455.1_ASM188745v1_genomic.fna
5329	<i>Burkholderia mallei</i>	GCA_002346085.1_ASM234608v1_genomic.fna
5330	<i>Bacillus thuringiensis</i>	GCA_000940785.1_ASM94078v1_genomic.fna
5331	<i>Burkholderia pseudomallei</i>	GCA_000756145.1_ASM75614v1_genomic.fna
5332	<i>Corynebacterium glutamicum</i>	GCA_002355675.1_ASM235567v1_genomic.fna
5333	<i>Chlamydia trachomatis</i>	GCA_000318525.2_ASM31852v2_genomic.fna
5334	<i>Legionella pneumophila</i>	GCA_001752745.1_ASM175274v1_genomic.fna
5335	<i>Streptococcus agalactiae</i>	GCA_001592385.1_ASM159238v1_genomic.fna

5336	<i>Pseudomonas aeruginosa</i>	GCA_000829275.1_ASM82927v1_genomic.fna
5337	<i>Acinetobacter baumannii</i>	GCA_000828935.1_ASM82893v1_genomic.fna
5338	<i>Streptococcus suis</i>	GCA_001610935.1_ASM161093v1_genomic.fna
5339	<i>Bacillus anthracis</i>	GCA_000832745.1_ASM83274v1_genomic.fna
5340	<i>Streptococcus pneumoniae</i>	GCA_000211055.2_ASM21105v2_genomic.fna
5341	<i>Streptococcus pyogenes</i>	GCA_000756485.1_ASM75648v1_genomic.fna
5342	<i>Pseudomonas putida</i>	GCA_002356095.1_ASM235609v1_genomic.fna
5343	<i>Neisseria meningitidis</i>	GCA_000816165.1_ASM81616v1_genomic.fna
5344	<i>Buchnera aphidicola</i>	GCA_000521525.1_ASM52152v1_genomic.fna
5345	<i>Helicobacter pylori</i>	GCA_000192335.1_ASM19233v1_genomic.fna
5346	<i>Escherichia coli</i>	GCA_000019645.1_ASM1964v1_genomic.fna
5347	<i>Mycobacterium tuberculosis</i>	GCA_000572195.1_ASM57219v1_genomic.fna
5348	<i>Listeria monocytogenes</i>	GCA_000307045.1_ASM30704v1_genomic.fna
5349	<i>Lactococcus lactis</i>	GCA_002078615.1_ASM207861v1_genomic.fna
5350	<i>Bacillus cereus</i>	GCA_000832865.1_ASM83286v1_genomic.fna
5351	<i>Staphylococcus aureus</i>	GCA_000160335.2_ASM16033v2_genomic.fna
5352	<i>Yersinia pestis</i>	GCA_000834885.1_ASM83488v1_genomic.fna
5353	<i>Salmonella enterica</i>	GCA_000213635.1_ASM21363v1_genomic.fna
5354	<i>Campylobacter jejuni</i>	GCA_000807355.1_ASM80735v1_genomic.fna
5355	<i>Campylobacter jejuni</i>	GCA_000830775.1_ASM83077v1_genomic.fna
5356	<i>Salmonella enterica</i>	GCA_000235545.1_ASM23554v1_genomic.fna
5357	<i>Staphylococcus aureus</i>	GCA_000204665.1_ASM20466v1_genomic.fna
5358	<i>Yersinia pestis</i>	GCA_000834925.1_ASM83492v1_genomic.fna
5359	<i>Bacillus cereus</i>	GCA_000833045.1_ASM83304v1_genomic.fna
5360	<i>Lactococcus lactis</i>	GCA_002078765.1_ASM207876v1_genomic.fna
5361	<i>Listeria monocytogenes</i>	GCA_000307065.1_ASM30706v1_genomic.fna
5362	<i>Mycobacterium tuberculosis</i>	GCA_000698475.1_ASM69847v1_genomic.fna
5363	<i>Escherichia coli</i>	GCA_000021125.1_ASM2112v1_genomic.fna
5364	<i>Helicobacter pylori</i>	GCA_000196755.1_ASM19675v1_genomic.fna
5365	<i>Buchnera aphidicola</i>	GCA_000521545.1_ASM52154v1_genomic.fna
5366	<i>Neisseria meningitidis</i>	GCA_001029815.1_ASM102981v1_genomic.fna
5367	<i>Pseudomonas putida</i>	GCA_002736045.1_ASM273604v1_genomic.fna
5368	<i>Streptococcus pyogenes</i>	GCA_000767505.1_ASM76750v1_genomic.fna
5369	<i>Streptococcus pneumoniae</i>	GCA_000211075.1_ASM21107v1_genomic.fna

5370	<i>Bacillus anthracis</i>	GCA_000832785.1_ASM83278v1_genomic.fna
5371	<i>Streptococcus suis</i>	GCA_001640765.1_ASM164076v1_genomic.fna
5372	<i>Acinetobacter baumannii</i>	GCA_000830055.1_ASM83005v1_genomic.fna
5373	<i>Pseudomonas aeruginosa</i>	GCA_000829885.1_ASM82988v1_genomic.fna
5374	<i>Streptococcus agalactiae</i>	GCA_001592425.1_ASM159242v1_genomic.fna
5375	<i>Legionella pneumophila</i>	GCA_001752765.1_ASM175276v1_genomic.fna
5376	<i>Chlamydia trachomatis</i>	GCA_000318565.1_ASM31856v1_genomic.fna
5377	<i>Burkholderia pseudomallei</i>	GCA_000756165.1_ASM75616v1_genomic.fna
5378	<i>Bacillus thuringiensis</i>	GCA_001017635.1_ASM101763v1_genomic.fna
5379	<i>Burkholderia mallei</i>	GCA_002346105.1_ASM234610v1_genomic.fna
5380	<i>Vibrio cholerae</i>	GCA_001887475.1_ASM188747v1_genomic.fna
5381	<i>Francisella tularensis</i>	GCA_000833475.1_ASM83347v1_genomic.fna
5382	<i>Xanthomonas oryzae</i>	GCA_001746715.1_ASM174671v1_genomic.fna
5383	<i>Xanthomonas citri</i>	GCA_001028285.3_ASM102828v3_genomic.fna
5384	<i>Bacillus subtilis</i>	GCA_000789295.1_ASM78929v1_genomic.fna
5385	<i>Clostridium botulinum</i>	GCA_001889325.1_ASM188932v1_genomic.fna
5386	<i>Klebsiella pneumoniae</i>	GCA_000733255.1_ASM73325v1_genomic.fna
5387	<i>Enterococcus faecium</i>	GCA_002334625.1_ASM233462v1_genomic.fna
5388	<i>Brucella melitensis</i>	GCA_002192095.1_ASM219209v1_genomic.fna
5389	<i>Bordetella pertussis</i>	GCA_001605095.1_ASM160509v1_genomic.fna
5390	<i>Mycoplasma pneumoniae</i>	GCA_002090215.1_ASM209021v1_genomic.fna
5391	<i>Dehalococcoides mccartyi</i>	GCA_002356375.1_ASM235637v1_genomic.fna
5392	<i>Lactobacillus plantarum</i>	GCA_001874125.1_ASM187412v1_genomic.fna
5393	<i>Enterobacter cloacae</i>	GCA_002204775.1_ASM220477v1_genomic.fna
5394	<i>Mycobacterium abscessus</i>	GCA_001677155.1_ASM167715v1_genomic.fna
5395	<i>Corynebacterium pseudotuberculosis</i>	GCA_001026945.1_ASM102694v1_genomic.fna
5396	<i>Bacillus velezensis</i>	GCA_001857985.1_ASM185798v1_genomic.fna
5397	<i>Bacillus velezensis</i>	GCA_002005345.1_ASM200534v1_genomic.fna
5398	<i>Corynebacterium pseudotuberculosis</i>	GCA_001047215.2_ASM104721v2_genomic.fna
5399	<i>Mycobacterium abscessus</i>	GCA_001677175.1_ASM167717v1_genomic.fna
5400	<i>Enterobacter cloacae</i>	GCA_002211685.1_ASM221168v1_genomic.fna
5401	<i>Lactobacillus plantarum</i>	GCA_001880185.1_ASM188018v1_genomic.fna
5402	<i>Mycoplasma pneumoniae</i>	GCA_002090235.1_ASM209023v1_genomic.fna
5403	<i>Bordetella pertussis</i>	GCA_001605115.1_ASM160511v1_genomic.fna

5404	<i>Brucella melitensis</i>	GCA_002192155.1_ASM219215v1_genomic.fna
5405	<i>Enterococcus faecium</i>	GCA_002442955.1_ASM244295v1_genomic.fna
5406	<i>Klebsiella pneumoniae</i>	GCA_000739495.1_ASM73949v1_genomic.fna
5407	<i>Clostridium botulinum</i>	GCA_001889345.1_ASM188934v1_genomic.fna
5408	<i>Bacillus subtilis</i>	GCA_000827065.1_ASM82706v1_genomic.fna
5409	<i>Xanthomonas citri</i>	GCA_001719145.1_ASM171914v1_genomic.fna
5410	<i>Xanthomonas oryzae</i>	GCA_001746735.1_ASM174673v1_genomic.fna
5411	<i>Francisella tularensis</i>	GCA_000833495.1_ASM83349v1_genomic.fna
5412	<i>Vibrio cholerae</i>	GCA_001887495.1_ASM188749v1_genomic.fna
5413	<i>Burkholderia mallei</i>	GCA_002346125.1_ASM234612v1_genomic.fna
5414	<i>Bacillus thuringiensis</i>	GCA_001182785.1_ASM118278v1_genomic.fna
5415	<i>Burkholderia pseudomallei</i>	GCA_000756185.1_ASM75618v1_genomic.fna
5416	<i>Chlamydia trachomatis</i>	GCA_000318645.1_ASM31864v1_genomic.fna
5417	<i>Legionella pneumophila</i>	GCA_001752785.1_ASM175278v1_genomic.fna
5418	<i>Acinetobacter baumannii</i>	GCA_000939415.2_HGAP_assembly_of_Acinetobacter_baumannii_ORAB01_genomic.fna
5419	<i>Pseudomonas aeruginosa</i>	GCA_000981825.1_ASM98182v1_genomic.fna
5420	<i>Streptococcus suis</i>	GCA_001721625.1_ASM172162v1_genomic.fna
5421	<i>Bacillus anthracis</i>	GCA_000832965.1_ASM83296v1_genomic.fna
5422	<i>Streptococcus agalactiae</i>	GCA_001683515.1_ASM168351v1_genomic.fna
5423	<i>Streptococcus pneumoniae</i>	GCA_000211095.1_ASM21109v1_genomic.fna
5424	<i>Streptococcus pyogenes</i>	GCA_000772185.1_ASM77218v1_genomic.fna
5425	<i>Pseudomonas putida</i>	GCA_002736125.1_ASM273612v1_genomic.fna
5426	<i>Neisseria meningitidis</i>	GCA_001029835.1_ASM102983v1_genomic.fna
5427	<i>Buchnera aphidicola</i>	GCA_000521585.1_ASM52158v1_genomic.fna
5428	<i>Helicobacter pylori</i>	GCA_000213135.1_ASM21313v1_genomic.fna
5429	<i>Escherichia coli</i>	GCA_000022225.1_ASM2222v1_genomic.fna
5430	<i>Mycobacterium tuberculosis</i>	GCA_000706665.1_ASM70666v1_genomic.fna
5431	<i>Listeria monocytogenes</i>	GCA_000307085.1_ASM30708v1_genomic.fna
5432	<i>Lactococcus lactis</i>	GCA_002078855.1_ASM207885v1_genomic.fna
5433	<i>Bacillus cereus</i>	GCA_000835185.1_ASM83518v1_genomic.fna
5434	<i>Yersinia pestis</i>	GCA_000834985.1_ASM83498v1_genomic.fna
5435	<i>Staphylococcus aureus</i>	GCA_000210315.1_ASM21031v1_genomic.fna
5436	<i>Salmonella enterica</i>	GCA_000245535.1_ASM24553v1_genomic.fna
5437	<i>Campylobacter jejuni</i>	GCA_000830805.1_ASM83080v1_genomic.fna

5438	<i>Campylobacter jejuni</i>	GCA_000830825.1_ASM83082v1_genomic.fna
5439	<i>Salmonella enterica</i>	GCA_000252875.1_ASM25287v1_genomic.fna
5440	<i>Staphylococcus aureus</i>	GCA_000237125.1_ASM23712v1_genomic.fna
5441	<i>Yersinia pestis</i>	GCA_001188695.1_ASM118869v1_genomic.fna
5442	<i>Bacillus cereus</i>	GCA_000978375.1_ASM97837v1_genomic.fna
5443	<i>Lactococcus lactis</i>	GCA_002078895.1_ASM207889v1_genomic.fna
5444	<i>Listeria monocytogenes</i>	GCA_000307615.1_ASM30761v1_genomic.fna
5445	<i>Mycobacterium tuberculosis</i>	GCA_000738445.1_ASM73844v1_genomic.fna
5446	<i>Escherichia coli</i>	GCA_000022345.1_ASM2234v1_genomic.fna
5447	<i>Helicobacter pylori</i>	GCA_000224535.1_ASM22453v1_genomic.fna
5448	<i>Pseudomonas putida</i>	GCA_002741075.1_IEC330191.0_genomic.fna
5449	<i>Neisseria meningitidis</i>	GCA_001697105.1_ASM169710v1_genomic.fna
5450	<i>Streptococcus pyogenes</i>	GCA_000772245.1_ASM77224v1_genomic.fna
5451	<i>Streptococcus pneumoniae</i>	GCA_000251085.2_ASM25108v2_genomic.fna
5452	<i>Bacillus anthracis</i>	GCA_000833065.1_ASM83306v1_genomic.fna
5453	<i>Streptococcus suis</i>	GCA_001936415.1_ASM193641v1_genomic.fna
5454	<i>Pseudomonas aeruginosa</i>	GCA_001045685.1_ASM104568v1_genomic.fna
5455	<i>Streptococcus agalactiae</i>	GCA_001712835.1_ASM171283v1_genomic.fna
5456	<i>Acinetobacter baumannii</i>	GCA_000963815.1_ASM96381v1_genomic.fna
5457	<i>Legionella pneumophila</i>	GCA_001752805.1_ASM175280v1_genomic.fna
5458	<i>Chlamydia trachomatis</i>	GCA_000318765.1_ASM31876v1_genomic.fna
5459	<i>Bacillus thuringiensis</i>	GCA_001183785.1_ASM118378v1_genomic.fna
5460	<i>Burkholderia mallei</i>	GCA_002346145.1_ASM234614v1_genomic.fna
5461	<i>Burkholderia pseudomallei</i>	GCA_000757015.2_ASM75701v2_genomic.fna
5462	<i>Vibrio cholerae</i>	GCA_001887515.1_ASM188751v1_genomic.fna
5463	<i>Francisella tularensis</i>	GCA_000833515.1_ASM83351v1_genomic.fna
5464	<i>Xanthomonas citri</i>	GCA_001854145.1_ASM185414v1_genomic.fna
5465	<i>Xanthomonas oryzae</i>	GCA_002023005.1_ASM202300v1_genomic.fna
5466	<i>Bacillus subtilis</i>	GCA_000953615.1_BS49Ch_genomic.fna
5467	<i>Klebsiella pneumoniae</i>	GCA_000742755.1_ASM74275v1_genomic.fna
5468	<i>Enterococcus faecium</i>	GCA_900066025.1_Enterococcus_faecium_E1002_isolate_genomic.fna
5469	<i>Brucella melitensis</i>	GCA_002214285.1_ASM221428v1_genomic.fna
5470	<i>Bordetella pertussis</i>	GCA_001605135.1_ASM160513v1_genomic.fna
5471	<i>Mycoplasma pneumoniae</i>	GCA_002090275.1_ASM209027v1_genomic.fna

5472	<i>Lactobacillus plantarum</i>	GCA_001908455.1_ASM190845v1_genomic.fna
5473	<i>Enterobacter cloacae</i>	GCA_002237465.1_ASM223746v1_genomic.fna
5474	<i>Mycobacterium abscessus</i>	GCA_001677195.1_ASM167719v1_genomic.fna
5475	<i>Corynebacterium pseudotuberculosis</i>	GCA_001186445.1_ASM118644v1_genomic.fna
5476	<i>Bacillus velezensis</i>	GCA_002057535.1_ASM205753v1_genomic.fna
5477	<i>Bacillus velezensis</i>	GCA_002072695.1_ASM207269v1_genomic.fna
5478	<i>Corynebacterium pseudotuberculosis</i>	GCA_001298505.1_ASM129850v1_genomic.fna
5479	<i>Mycobacterium abscessus</i>	GCA_001677215.1_ASM167721v1_genomic.fna
5480	<i>Enterobacter cloacae</i>	GCA_002303275.1_ASM230327v1_genomic.fna
5481	<i>Lactobacillus plantarum</i>	GCA_001990145.1_ASM199014v1_genomic.fna
5482	<i>Mycoplasma pneumoniae</i>	GCA_002090295.1_ASM209029v1_genomic.fna
5483	<i>Bordetella pertussis</i>	GCA_001605155.1_ASM160515v1_genomic.fna
5484	<i>Brucella melitensis</i>	GCA_002262955.1_ASM226295v1_genomic.fna
5485	<i>Enterococcus faecium</i>	GCA_900092475.1_Ef_aus00233_genomic.fna
5486	<i>Klebsiella pneumoniae</i>	GCA_000764615.1_ASM76461v1_genomic.fna
5487	<i>Bacillus subtilis</i>	GCA_000971925.1_ASM97192v1_genomic.fna
5488	<i>Xanthomonas citri</i>	GCA_001922045.1_ASM192204v1_genomic.fna
5489	<i>Francisella tularensis</i>	GCA_000833535.1_ASM83353v1_genomic.fna
5490	<i>Vibrio cholerae</i>	GCA_001887615.1_ASM188761v1_genomic.fna
5491	<i>Burkholderia pseudomallei</i>	GCA_000757035.2_ASM75703v2_genomic.fna
5492	<i>Burkholderia mallei</i>	GCA_002346165.1_ASM234616v1_genomic.fna
5493	<i>Bacillus thuringiensis</i>	GCA_001420855.1_ASM142085v1_genomic.fna
5494	<i>Chlamydia trachomatis</i>	GCA_000318785.1_ASM31878v1_genomic.fna
5495	<i>Legionella pneumophila</i>	GCA_001752825.1_ASM175282v1_genomic.fna
5496	<i>Acinetobacter baumannii</i>	GCA_001026965.1_ASM102696v1_genomic.fna
5497	<i>Streptococcus agalactiae</i>	GCA_001729925.1_ASM172992v1_genomic.fna
5498	<i>Pseudomonas aeruginosa</i>	GCA_001077475.1_ASM107747v1_genomic.fna
5499	<i>Streptococcus suis</i>	GCA_002111405.1_ASM211140v1_genomic.fna
5500	<i>Bacillus anthracis</i>	GCA_000833125.1_ASM83312v1_genomic.fna
5501	<i>Streptococcus pyogenes</i>	GCA_000993765.1_ASM99376v1_genomic.fna
5502	<i>Neisseria meningitidis</i>	GCA_001697125.1_ASM169712v1_genomic.fna
5503	<i>Streptococcus pneumoniae</i>	GCA_000299015.1_ASM29901v1_genomic.fna
5504	<i>Helicobacter pylori</i>	GCA_000224555.1_ASM22455v1_genomic.fna
5505	<i>Escherichia coli</i>	GCA_000022665.2_ASM2266v1_genomic.fna

5506	<i>Mycobacterium tuberculosis</i>	GCA_000738475.1_ASM73847v1_genomic.fna
5507	<i>Listeria monocytogenes</i>	GCA_000318055.1_ASM31805v1_genomic.fna
5508	<i>Lactococcus lactis</i>	GCA_002078915.1_ASM207891v1_genomic.fna
5509	<i>Bacillus cereus</i>	GCA_001277915.1_ASM127791v1_genomic.fna
5510	<i>Yersinia pestis</i>	GCA_001188715.1_ASM118871v1_genomic.fna
5511	<i>Staphylococcus aureus</i>	GCA_000237265.1_ASM23726v1_genomic.fna
5512	<i>Salmonella enterica</i>	GCA_000258365.1_ASM25836v1_genomic.fna
5513	<i>Campylobacter jejuni</i>	GCA_000830845.1_ASM83084v1_genomic.fna
5514	<i>Campylobacter jejuni</i>	GCA_000830865.1_ASM83086v1_genomic.fna
5515	<i>Staphylococcus aureus</i>	GCA_000239235.1_ASM23923v1_genomic.fna
5516	<i>Salmonella enterica</i>	GCA_000271885.2_ASM27188v2_genomic.fna
5517	<i>Yersinia pestis</i>	GCA_001188755.1_ASM118875v1_genomic.fna
5518	<i>Bacillus cereus</i>	GCA_001518875.1_ASM151887v1_genomic.fna
5519	<i>Lactococcus lactis</i>	GCA_002078935.1_ASM207893v1_genomic.fna
5520	<i>Listeria monocytogenes</i>	GCA_000438585.1_ASM43858v1_genomic.fna
5521	<i>Mycobacterium tuberculosis</i>	GCA_000756525.1_ASM75652v1_genomic.fna
5522	<i>Escherichia coli</i>	GCA_000023365.1_ASM2336v1_genomic.fna
5523	<i>Helicobacter pylori</i>	GCA_000224575.1_ASM22457v1_genomic.fna
5524	<i>Streptococcus pneumoniae</i>	GCA_000817005.1_ASM81700v1_genomic.fna
5525	<i>Neisseria meningitidis</i>	GCA_001697165.1_ASM169716v1_genomic.fna
5526	<i>Streptococcus pyogenes</i>	GCA_001014285.1_ASM101428v1_genomic.fna
5527	<i>Bacillus anthracis</i>	GCA_000833275.1_ASM83327v1_genomic.fna
5528	<i>Streptococcus suis</i>	GCA_002189695.1_ASM218969v1_genomic.fna
5529	<i>Streptococcus agalactiae</i>	GCA_001932715.1_ASM193271v1_genomic.fna
5530	<i>Pseudomonas aeruginosa</i>	GCA_001293085.1_ASM129308v1_genomic.fna
5531	<i>Legionella pneumophila</i>	GCA_001752845.1_ASM175284v1_genomic.fna
5532	<i>Acinetobacter baumannii</i>	GCA_001077555.2_ASM107755v2_genomic.fna
5533	<i>Chlamydia trachomatis</i>	GCA_000318825.1_ASM31882v1_genomic.fna
5534	<i>Bacillus thuringiensis</i>	GCA_001455345.1_ASM145534v1_genomic.fna
5535	<i>Burkholderia mallei</i>	GCA_002346185.1_ASM234618v1_genomic.fna
5536	<i>Burkholderia pseudomallei</i>	GCA_000764575.1_ASM76457v1_genomic.fna
5537	<i>Vibrio cholerae</i>	GCA_001887635.1_ASM188763v1_genomic.fna
5538	<i>Francisella tularensis</i>	GCA_000978785.2_ASM97878v2_genomic.fna
5539	<i>Xanthomonas citri</i>	GCA_001922065.1_ASM192206v1_genomic.fna

5540	<i>Bacillus subtilis</i>	GCA_000973605.1_ASM97360v1_genomic.fna
5541	<i>Klebsiella pneumoniae</i>	GCA_000775375.1_ASM77537v1_genomic.fna
5542	<i>Streptococcus dysgalactiae</i>	GCA_000493775.1_ASM49377v1_genomic.fna
5543	<i>Brucella melitensis</i>	GCA_002263015.1_ASM226301v1_genomic.fna
5544	<i>Bordetella pertussis</i>	GCA_001605175.1_ASM160517v1_genomic.fna
5545	<i>Mycoplasma pneumoniae</i>	GCA_002090315.1_ASM209031v1_genomic.fna
5546	<i>Lactobacillus plantarum</i>	GCA_002024845.1_ASM202484v1_genomic.fna
5547	<i>Enterobacter cloacae</i>	GCA_002356475.1_E_cloacae_1.0_genomic.fna
5548	<i>Mycobacterium abscessus</i>	GCA_002140035.1_ASM214003v1_genomic.fna
5549	<i>Corynebacterium pseudotuberculosis</i>	GCA_001433475.1_ASM143347v1_genomic.fna
5550	<i>Bacillus velezensis</i>	GCA_002105595.1_ASM210559v1_genomic.fna
5551	<i>Bacillus velezensis</i>	GCA_002117165.1_ASM211716v1_genomic.fna
5552	<i>Corynebacterium pseudotuberculosis</i>	GCA_001447295.1_ASM144729v1_genomic.fna
5553	<i>Lactobacillus plantarum</i>	GCA_002028365.1_ASM202836v1_genomic.fna
5554	<i>Dehalococcoides mccartyi</i>	GCA_001761445.1_ASM176144v1_genomic.fna
5555	<i>Mycoplasma pneumoniae</i>	GCA_002095995.1_ASM209599v1_genomic.fna
5556	<i>Bordetella pertussis</i>	GCA_001605195.1_ASM160519v1_genomic.fna
5557	<i>Klebsiella pneumoniae</i>	GCA_000775395.1_ASM77539v1_genomic.fna
5558	<i>Bacillus subtilis</i>	GCA_001015095.1_ASM101509v1_genomic.fna
5559	<i>Xanthomonas citri</i>	GCA_001922085.1_ASM192208v1_genomic.fna
5560	<i>Francisella tularensis</i>	GCA_001011135.1_ASM101113v1_genomic.fna
5561	<i>Vibrio cholerae</i>	GCA_001887655.1_ASM188765v1_genomic.fna
5562	<i>Bacillus thuringiensis</i>	GCA_001548175.1_ASM154817v1_genomic.fna
5563	<i>Burkholderia pseudomallei</i>	GCA_000770395.1_ASM77039v1_genomic.fna
5564	<i>Burkholderia mallei</i>	GCA_002346205.1_ASM234620v1_genomic.fna
5565	<i>Chlamydia trachomatis</i>	GCA_000318845.1_ASM31884v1_genomic.fna
5566	<i>Legionella pneumophila</i>	GCA_001752865.1_ASM175286v1_genomic.fna
5567	<i>Acinetobacter baumannii</i>	GCA_001077655.1_ASM107765v1_genomic.fna
5568	<i>Pseudomonas aeruginosa</i>	GCA_001447845.1_ASM144784v1_genomic.fna
5569	<i>Streptococcus agalactiae</i>	GCA_002025005.1_ASM202500v1_genomic.fna
5570	<i>Streptococcus suis</i>	GCA_002688665.1_ASM268866v1_genomic.fna
5571	<i>Bacillus anthracis</i>	GCA_000875715.1_ASM87571v1_genomic.fna
5572	<i>Streptococcus pyogenes</i>	GCA_001014305.1_ASM101430v1_genomic.fna
5573	<i>Neisseria meningitidis</i>	GCA_001697205.1_ASM169720v1_genomic.fna

5574	<i>Streptococcus pneumoniae</i>	GCA_001255215.1_S_pneumo_A66_v1_genomic.fna
5575	<i>Helicobacter pylori</i>	GCA_000255955.1_ASM25595v1_genomic.fna
5576	<i>Escherichia coli</i>	GCA_000023665.1_ASM2366v1_genomic.fna
5577	<i>Mycobacterium tuberculosis</i>	GCA_000756545.1_ASM75654v1_genomic.fna
5578	<i>Listeria monocytogenes</i>	GCA_000438605.1_ASM43860v1_genomic.fna
5579	<i>Lactococcus lactis</i>	GCA_002078955.1_ASM207895v1_genomic.fna
5580	<i>Bacillus cereus</i>	GCA_001635915.1_ASM163591v1_genomic.fna
5581	<i>Yersinia pestis</i>	GCA_001188775.1_ASM118877v1_genomic.fna
5582	<i>Salmonella enterica</i>	GCA_000271905.2_ASM27190v2_genomic.fna
5583	<i>Staphylococcus aureus</i>	GCA_000245495.1_ASM24549v1_genomic.fna
5584	<i>Campylobacter jejuni</i>	GCA_000835285.1_ASM83528v1_genomic.fna
5585	<i>Campylobacter jejuni</i>	GCA_000835305.1_ASM83530v1_genomic.fna
5586	<i>Staphylococcus aureus</i>	GCA_000253135.1_ASM25313v1_genomic.fna
5587	<i>Yersinia pestis</i>	GCA_001188795.1_ASM118879v1_genomic.fna
5588	<i>Salmonella enterica</i>	GCA_000272715.4_ASM27271v4_genomic.fna
5589	<i>Bacillus cereus</i>	GCA_001635955.1_ASM163595v1_genomic.fna
5590	<i>Lactococcus lactis</i>	GCA_002078975.1_ASM207897v1_genomic.fna
5591	<i>Listeria monocytogenes</i>	GCA_000438625.1_ASM43862v1_genomic.fna
5592	<i>Mycobacterium tuberculosis</i>	GCA_000786505.1_MT49-02_genomic.fna
5593	<i>Escherichia coli</i>	GCA_000025165.1_ASM2516v1_genomic.fna
5594	<i>Helicobacter pylori</i>	GCA_000259235.1_ASM25923v1_genomic.fna
5595	<i>Neisseria meningitidis</i>	GCA_001697305.1_ASM169730v1_genomic.fna
5596	<i>Streptococcus pyogenes</i>	GCA_001019635.1_ASM101963v1_genomic.fna
5597	<i>Bacillus anthracis</i>	GCA_001543225.1_ASM154322v1_genomic.fna
5598	<i>Streptococcus pneumoniae</i>	GCA_001457635.1_NCTC7465_genomic.fna
5599	<i>Streptococcus suis</i>	GCA_002736265.1_ASM273626v1_genomic.fna
5600	<i>Streptococcus agalactiae</i>	GCA_002025025.1_ASM202502v1_genomic.fna
5601	<i>Pseudomonas aeruginosa</i>	GCA_001457615.1_NCTC10332_genomic.fna
5602	<i>Acinetobacter baumannii</i>	GCA_001077675.1_ASM107767v1_genomic.fna
5603	<i>Legionella pneumophila</i>	GCA_001752885.1_ASM175288v1_genomic.fna
5604	<i>Chlamydia trachomatis</i>	GCA_000318865.1_ASM31886v1_genomic.fna
5605	<i>Bacillus thuringiensis</i>	GCA_001595725.1_ASM159572v1_genomic.fna
5606	<i>Burkholderia pseudomallei</i>	GCA_000770455.1_ASM77045v1_genomic.fna
5607	<i>Vibrio cholerae</i>	GCA_002073335.1_ASM207333v1_genomic.fna

5608	<i>Francisella tularensis</i>	GCA_001262115.1_ASM126211v1_genomic.fna
5609	<i>Xanthomonas citri</i>	GCA_001922105.1_ASM192210v1_genomic.fna
5610	<i>Bacillus subtilis</i>	GCA_001037985.1_ASM103798v1_genomic.fna
5611	<i>Klebsiella pneumoniae</i>	GCA_000775955.1_ASM77595v1_genomic.fna
5612	<i>Bordetella pertussis</i>	GCA_001605215.1_ASM160521v1_genomic.fna
5613	<i>Mycoplasma pneumoniae</i>	GCA_002096015.1_ASM209601v1_genomic.fna
5614	<i>Lactobacillus plantarum</i>	GCA_002109405.1_ASM210940v1_genomic.fna
5615	<i>Corynebacterium pseudotuberculosis</i>	GCA_001456175.1_ASM145617v1_genomic.fna
5616	<i>Bacillus velezensis</i>	GCA_002157265.1_ASM215726v1_genomic.fna
5617	<i>Bacillus velezensis</i>	GCA_002192235.1_ASM219223v1_genomic.fna
5618	<i>Mycobacterium africanum</i>	GCA_001544855.1_ASM154485v1_genomic.fna
5619	<i>Riemerella anatipestifer</i>	GCA_001051075.1_ASM105107v1_genomic.fna
5620	<i>Corynebacterium pseudotuberculosis</i>	GCA_001481675.1_ASM148167v1_genomic.fna
5621	<i>Lactobacillus plantarum</i>	GCA_002109425.1_ASM210942v1_genomic.fna
5622	<i>Mycoplasma pneumoniae</i>	GCA_002096035.1_ASM209603v1_genomic.fna
5623	<i>Bordetella pertussis</i>	GCA_001605235.1_ASM160523v1_genomic.fna
5624	<i>Klebsiella pneumoniae</i>	GCA_000784945.1_ASM78494v1_genomic.fna
5625	<i>Bacillus subtilis</i>	GCA_001465815.1_ASM146581v1_genomic.fna
5626	<i>Xanthomonas citri</i>	GCA_002139955.1_ASM213995v1_genomic.fna
5627	<i>Francisella tularensis</i>	GCA_001267475.1_ASM126747v1_genomic.fna
5628	<i>Vibrio cholerae</i>	GCA_002313025.1_ASM231302v1_genomic.fna
5629	<i>Burkholderia pseudomallei</i>	GCA_000770495.1_ASM77049v1_genomic.fna
5630	<i>Bacillus thuringiensis</i>	GCA_001598095.1_ASM159809v1_genomic.fna
5631	<i>Chlamydia trachomatis</i>	GCA_000318885.1_ASM31888v1_genomic.fna
5632	<i>Legionella pneumophila</i>	GCA_001752905.1_ASM175290v1_genomic.fna
5633	<i>Acinetobacter baumannii</i>	GCA_001077965.2_ASM107796v2_genomic.fna
5634	<i>Pseudomonas aeruginosa</i>	GCA_001482325.1_ASM148232v1_genomic.fna
5635	<i>Streptococcus agalactiae</i>	GCA_002073695.1_ASM207369v1_genomic.fna
5636	<i>Streptococcus pneumoniae</i>	GCA_001896045.1_ASM189604v1_genomic.fna
5637	<i>Bacillus anthracis</i>	GCA_001654475.1_ASM165447v1_genomic.fna
5638	<i>Streptococcus pyogenes</i>	GCA_001019675.1_ASM101967v1_genomic.fna
5639	<i>Neisseria meningitidis</i>	GCA_001697325.1_ASM169732v1_genomic.fna
5640	<i>Helicobacter pylori</i>	GCA_000270005.1_ASM27000v1_genomic.fna
5641	<i>Escherichia coli</i>	GCA_000025745.1_ASM2574v1_genomic.fna

5642	<i>Mycobacterium tuberculosis</i>	GCA_000827085.1_ASM82708v1_genomic.fna
5643	<i>Listeria monocytogenes</i>	GCA_000438645.1_ASM43864v1_genomic.fna
5644	<i>Lactococcus lactis</i>	GCA_002078995.1_ASM207899v1_genomic.fna
5645	<i>Bacillus cereus</i>	GCA_001635995.1_ASM163599v1_genomic.fna
5646	<i>Salmonella enterica</i>	GCA_000272735.4_ASM27273v4_genomic.fna
5647	<i>Yersinia pestis</i>	GCA_001188815.1_ASM118881v1_genomic.fna
5648	<i>Staphylococcus aureus</i>	GCA_000284535.1_ASM28453v1_genomic.fna
5649	<i>Campylobacter jejuni</i>	GCA_000835345.1_ASM83534v1_genomic.fna
5650	<i>Campylobacter jejuni</i>	GCA_000835365.1_ASM83536v1_genomic.fna
5651	<i>Staphylococcus aureus</i>	GCA_000296595.1_ASM29659v1_genomic.fna
5652	<i>Yersinia pestis</i>	GCA_001188935.1_ASM118893v1_genomic.fna
5653	<i>Salmonella enterica</i>	GCA_000272755.4_ASM27275v4_genomic.fna
5654	<i>Bacillus cereus</i>	GCA_001721145.1_ASM172114v1_genomic.fna
5655	<i>Lactococcus lactis</i>	GCA_002148215.1_ASM214821v1_genomic.fna
5656	<i>Listeria monocytogenes</i>	GCA_000438665.1_ASM43866v1_genomic.fna
5657	<i>Mycobacterium tuberculosis</i>	GCA_000828995.1_ASM82899v1_genomic.fna
5658	<i>Escherichia coli</i>	GCA_000026245.1_ASM2624v1_genomic.fna
5659	<i>Helicobacter pylori</i>	GCA_000270025.1_ASM27002v1_genomic.fna
5660	<i>Neisseria meningitidis</i>	GCA_001697345.1_ASM169734v1_genomic.fna
5661	<i>Streptococcus pyogenes</i>	GCA_001019695.1_ASM101969v1_genomic.fna
5662	<i>Bacillus anthracis</i>	GCA_001683065.1_ASM168306v1_genomic.fna
5663	<i>Streptococcus pneumoniae</i>	GCA_001896065.1_ASM189606v1_genomic.fna
5664	<i>Pseudomonas aeruginosa</i>	GCA_001515845.2_ASM151584v2_genomic.fna
5665	<i>Streptococcus agalactiae</i>	GCA_002197205.1_ASM219720v1_genomic.fna
5666	<i>Acinetobacter baumannii</i>	GCA_001261895.2_R2090_genomic.fna
5667	<i>Legionella pneumophila</i>	GCA_001752925.1_ASM175292v1_genomic.fna
5668	<i>Chlamydia trachomatis</i>	GCA_000318905.1_ASM31890v1_genomic.fna
5669	<i>Bacillus thuringiensis</i>	GCA_001618665.1_ASM161866v1_genomic.fna
5670	<i>Burkholderia pseudomallei</i>	GCA_000770515.1_ASM77051v1_genomic.fna
5671	<i>Francisella tularensis</i>	GCA_001729565.1_ASM172956v1_genomic.fna
5672	<i>Xanthomonas citri</i>	GCA_002139975.1_ASM213997v1_genomic.fna
5673	<i>Bacillus subtilis</i>	GCA_001534785.1_ASM153478v1_genomic.fna
5674	<i>Klebsiella pneumoniae</i>	GCA_000784985.1_ASM78498v1_genomic.fna
5675	<i>Bordetella pertussis</i>	GCA_001605255.1_ASM160525v1_genomic.fna

5676	<i>Mycoplasma pneumoniae</i>	GCA_002127985.1_ASM212798v1_genomic.fna
5677	<i>Lactobacillus plantarum</i>	GCA_002116955.1_ASM211695v1_genomic.fna
5678	<i>Corynebacterium pseudotuberculosis</i>	GCA_001481715.1_ASM148171v1_genomic.fna
5679	<i>Bacillus velezensis</i>	GCA_002205715.1_ASM220571v1_genomic.fna
5680	<i>Bacillus velezensis</i>	GCA_002216755.1_ASM221675v1_genomic.fna
5681	<i>Corynebacterium pseudotuberculosis</i>	GCA_001481755.1_ASM148175v1_genomic.fna
5682	<i>Streptococcus equinus</i>	GCA_002073515.1_ASM207351v1_genomic.fna
5683	<i>Lactobacillus plantarum</i>	GCA_002117245.1_ASM211724v1_genomic.fna
5684	<i>Mycoplasma pneumoniae</i>	GCA_002128005.1_ASM212800v1_genomic.fna
5685	<i>Bordetella pertussis</i>	GCA_001605275.1_ASM160527v1_genomic.fna
5686	<i>Klebsiella pneumoniae</i>	GCA_000785005.1_ASM78500v1_genomic.fna
5687	<i>Bacillus subtilis</i>	GCA_001541905.1_ASM154190v1_genomic.fna
5688	<i>Xanthomonas citri</i>	GCA_002139995.1_ASM213999v1_genomic.fna
5689	<i>Francisella tularensis</i>	GCA_001729585.1_ASM172958v1_genomic.fna
5690	<i>Burkholderia pseudomallei</i>	GCA_000770535.1_ASM77053v1_genomic.fna
5691	<i>Bacillus thuringiensis</i>	GCA_001640965.1_ASM164096v1_genomic.fna
5692	<i>Chlamydia trachomatis</i>	GCA_000318925.1_ASM31892v1_genomic.fna
5693	<i>Legionella pneumophila</i>	GCA_001752945.1_ASM175294v1_genomic.fna
5694	<i>Acinetobacter baumannii</i>	GCA_001399655.1_ASM139965v1_genomic.fna
5695	<i>Streptococcus agalactiae</i>	GCA_002197245.1_ASM219724v1_genomic.fna
5696	<i>Pseudomonas aeruginosa</i>	GCA_001515915.2_ASM151591v2_genomic.fna
5697	<i>Streptococcus pneumoniae</i>	GCA_001896085.1_ASM189608v1_genomic.fna
5698	<i>Bacillus anthracis</i>	GCA_001683095.1_ASM168309v1_genomic.fna
5699	<i>Streptococcus pyogenes</i>	GCA_001020185.2_ASM102018v2_genomic.fna
5700	<i>Neisseria meningitidis</i>	GCA_001697365.1_ASM169736v1_genomic.fna
5701	<i>Helicobacter pylori</i>	GCA_000270045.1_ASM27004v1_genomic.fna
5702	<i>Escherichia coli</i>	GCA_000026265.1_ASM2626v1_genomic.fna
5703	<i>Mycobacterium tuberculosis</i>	GCA_000831245.1_ASM83124v1_genomic.fna
5704	<i>Listeria monocytogenes</i>	GCA_000438685.2_ASM43868v2_genomic.fna
5705	<i>Bacillus cereus</i>	GCA_001880305.1_ASM188030v1_genomic.fna
5706	<i>Lactococcus lactis</i>	GCA_900088425.1_A12_genomic.fna
5707	<i>Salmonella enterica</i>	GCA_000272775.4_ASM27277v4_genomic.fna
5708	<i>Yersinia pestis</i>	GCA_001293415.1_ASM129341v1_genomic.fna
5709	<i>Staphylococcus aureus</i>	GCA_000382965.1_ASM38296v1_genomic.fna

5710	<i>Campylobacter jejuni</i>	GCA_000934305.1_ASM93430v1_genomic.fna
5711	<i>Campylobacter jejuni</i>	GCA_001299565.1_ASM129956v1_genomic.fna
5712	<i>Salmonella enterica</i>	GCA_000272815.2_ASM27281v2_genomic.fna
5713	<i>Staphylococcus aureus</i>	GCA_000382985.1_ASM38298v1_genomic.fna
5714	<i>Yersinia pestis</i>	GCA_001693595.1_ASM169359v1_genomic.fna
5715	<i>Bacillus cereus</i>	GCA_001941885.1_ASM194188v1_genomic.fna
5716	<i>Listeria monocytogenes</i>	GCA_000438705.2_ASM43870v2_genomic.fna
5717	<i>Mycobacterium tuberculosis</i>	GCA_001275565.2_ASM127556v2_genomic.fna
5718	<i>Helicobacter pylori</i>	GCA_000270065.1_ASM27006v1_genomic.fna
5719	<i>Escherichia coli</i>	GCA_000026285.2_ASM2628v2_genomic.fna
5720	<i>Neisseria meningitidis</i>	GCA_001697385.1_ASM169738v1_genomic.fna
5721	<i>Streptococcus pyogenes</i>	GCA_001021955.1_ASM102195v1_genomic.fna
5722	<i>Bacillus anthracis</i>	GCA_001683135.1_ASM168313v1_genomic.fna
5723	<i>Streptococcus pneumoniae</i>	GCA_001902455.1_ASM190245v1_genomic.fna
5724	<i>Streptococcus agalactiae</i>	GCA_002197265.1_ASM219726v1_genomic.fna
5725	<i>Pseudomonas aeruginosa</i>	GCA_001516005.1_ASM151600v1_genomic.fna
5726	<i>Acinetobacter baumannii</i>	GCA_001457535.1_CIP70.10_genomic.fna
5727	<i>Legionella pneumophila</i>	GCA_001752965.1_ASM175296v1_genomic.fna
5728	<i>Chlamydia trachomatis</i>	GCA_000318985.1_ASM31898v1_genomic.fna
5729	<i>Bacillus thuringiensis</i>	GCA_001685565.1_ASM168556v1_genomic.fna
5730	<i>Burkholderia pseudomallei</i>	GCA_000770565.1_ASM77056v1_genomic.fna
5731	<i>Francisella tularensis</i>	GCA_001729605.1_ASM172960v1_genomic.fna
5732	<i>Xanthomonas citri</i>	GCA_002163775.1_ASM216377v1_genomic.fna
5733	<i>Bacillus subtilis</i>	GCA_001565875.1_ASM156587v1_genomic.fna
5734	<i>Klebsiella pneumoniae</i>	GCA_000807395.3_ASM80739v3_genomic.fna
5735	<i>Bordetella pertussis</i>	GCA_001605295.1_ASM160529v1_genomic.fna
5736	<i>Mycoplasma pneumoniae</i>	GCA_002128025.1_ASM212802v1_genomic.fna
5737	<i>Lactobacillus plantarum</i>	GCA_002117265.1_ASM211726v1_genomic.fna
5738	<i>Corynebacterium pseudotuberculosis</i>	GCA_001579825.1_ASM157982v1_genomic.fna
5739	<i>Bacillus velezensis</i>	GCA_002237515.1_ASM223751v1_genomic.fna
5740	<i>Bacillus velezensis</i>	GCA_002238395.1_ASM223839v1_genomic.fna
5741	<i>Corynebacterium pseudotuberculosis</i>	GCA_001579865.1_ASM157986v1_genomic.fna
5742	<i>Lactobacillus plantarum</i>	GCA_002117285.1_ASM211728v1_genomic.fna
5743	<i>Mycoplasma pneumoniae</i>	GCA_002128045.1_ASM212804v1_genomic.fna

5744	<i>Bordetella pertussis</i>	GCA_001605345.1_ASM160534v1_genomic.fna
5745	<i>Klebsiella pneumoniae</i>	GCA_000813205.1_ASM81320v1_genomic.fna
5746	<i>Bacillus subtilis</i>	GCA_001597265.1_ASM159726v1_genomic.fna
5747	<i>Xanthomonas citri</i>	GCA_002218265.1_ASM221826v1_genomic.fna
5748	<i>Francisella tularensis</i>	GCA_001865695.1_ASM186569v1_genomic.fna
5749	<i>Burkholderia pseudomallei</i>	GCA_000953095.1_BP_3921g_genomic.fna
5750	<i>Bacillus thuringiensis</i>	GCA_001692675.1_ASM169267v1_genomic.fna
5751	<i>Chlamydia trachomatis</i>	GCA_000319105.1_ASM31910v1_genomic.fna
5752	<i>Legionella pneumophila</i>	GCA_001753065.1_ASM175306v1_genomic.fna
5753	<i>Acinetobacter baumannii</i>	GCA_001514375.1_ASM151437v1_genomic.fna
5754	<i>Pseudomonas aeruginosa</i>	GCA_001516105.1_ASM151610v1_genomic.fna
5755	<i>Streptococcus agalactiae</i>	GCA_002197285.1_ASM219728v1_genomic.fna
5756	<i>Bacillus anthracis</i>	GCA_001683155.1_ASM168315v1_genomic.fna
5757	<i>Streptococcus pneumoniae</i>	GCA_002357995.1_ASM235799v1_genomic.fna
5758	<i>Streptococcus pyogenes</i>	GCA_001023495.1_ASM102349v1_genomic.fna
5759	<i>Neisseria meningitidis</i>	GCA_001697405.1_ASM169740v1_genomic.fna
5760	<i>Helicobacter pylori</i>	GCA_000277365.1_ASM27736v1_genomic.fna
5761	<i>Mycobacterium tuberculosis</i>	GCA_001544705.1_ASM154470v1_genomic.fna
5762	<i>Escherichia coli</i>	GCA_000026545.1_ASM2654v1_genomic.fna
5763	<i>Listeria monocytogenes</i>	GCA_000438725.2_ASM43872v2_genomic.fna
5764	<i>Bacillus cereus</i>	GCA_001941905.1_ASM194190v1_genomic.fna
5765	<i>Salmonella enterica</i>	GCA_000272835.4_ASM27283v4_genomic.fna
5766	<i>Staphylococcus aureus</i>	GCA_000383005.1_ASM38300v1_genomic.fna
5767	<i>Campylobacter jejuni</i>	GCA_001299595.1_ASM129959v1_genomic.fna
5768	<i>Campylobacter jejuni</i>	GCA_001314285.1_ASM131428v1_genomic.fna
5769	<i>Salmonella enterica</i>	GCA_000272895.3_ASM27289v3_genomic.fna
5770	<i>Staphylococcus aureus</i>	GCA_000412775.1_ASM41277v1_genomic.fna
5771	<i>Bacillus cereus</i>	GCA_001941925.1_ASM194192v1_genomic.fna
5772	<i>Listeria monocytogenes</i>	GCA_000438745.2_ASM43874v2_genomic.fna
5773	<i>Escherichia coli</i>	GCA_000027125.1_ASM2712v1_genomic.fna
5774	<i>Mycobacterium tuberculosis</i>	GCA_001544955.1_ASM154495v1_genomic.fna
5775	<i>Helicobacter pylori</i>	GCA_000277385.1_ASM27738v1_genomic.fna
5776	<i>Neisseria meningitidis</i>	GCA_001697425.1_ASM169742v1_genomic.fna
5777	<i>Streptococcus pyogenes</i>	GCA_001039695.2_emm89-1_genomic.fna

5778	<i>Bacillus anthracis</i>	GCA_001683175.1_ASM168317v1_genomic.fna
5779	<i>Pseudomonas aeruginosa</i>	GCA_001516165.2_ASM151616v2_genomic.fna
5780	<i>Streptococcus agalactiae</i>	GCA_002197305.1_ASM219730v1_genomic.fna
5781	<i>Acinetobacter baumannii</i>	GCA_001517645.1_R2091_genomic.fna
5782	<i>Legionella pneumophila</i>	GCA_001753085.1_ASM175308v1_genomic.fna
5783	<i>Chlamydia trachomatis</i>	GCA_000364765.1_ASM36476v1_genomic.fna
5784	<i>Burkholderia pseudomallei</i>	GCA_000954175.1_ASM95417v1_genomic.fna
5785	<i>Bacillus thuringiensis</i>	GCA_001721165.1_ASM172116v1_genomic.fna
5786	<i>Xanthomonas citri</i>	GCA_002218285.1_ASM221828v1_genomic.fna
5787	<i>Bacillus subtilis</i>	GCA_001604995.1_ASM160499v1_genomic.fna
5788	<i>Klebsiella pneumoniae</i>	GCA_000814305.1_ASM81430v1_genomic.fna
5789	<i>Bordetella pertussis</i>	GCA_001605365.1_ASM160536v1_genomic.fna
5790	<i>Mycoplasma pneumoniae</i>	GCA_002128065.1_ASM212806v1_genomic.fna
5791	<i>Lactobacillus plantarum</i>	GCA_002117305.1_ASM211730v1_genomic.fna
5792	<i>Achromobacter xylosoxidans</i>	GCA_001558915.1_ASM155891v1_genomic.fna
5793	<i>Corynebacterium pseudotuberculosis</i>	GCA_001579885.2_ASM157988v2_genomic.fna
5794	<i>Bacillus velezensis</i>	GCA_002243325.2_ASM224332v2_genomic.fna
5795	<i>Bacillus velezensis</i>	GCA_002310315.1_ASM231031v1_genomic.fna
5796	<i>Corynebacterium pseudotuberculosis</i>	GCA_001579925.1_ASM157992v1_genomic.fna
5797	<i>Achromobacter xylosoxidans</i>	GCA_001559195.1_ASM155919v1_genomic.fna
5798	<i>Lactobacillus plantarum</i>	GCA_002173655.1_ASM217365v1_genomic.fna
5799	<i>Mycoplasma pneumoniae</i>	GCA_002128085.1_ASM212808v1_genomic.fna
5800	<i>Bordetella pertussis</i>	GCA_001605385.1_ASM160538v1_genomic.fna
5801	<i>Klebsiella pneumoniae</i>	GCA_000814805.1_ASM81480v1_genomic.fna
5802	<i>Bacillus subtilis</i>	GCA_001660525.1_ASM166052v1_genomic.fna
5803	<i>Xanthomonas citri</i>	GCA_002224525.1_ASM222452v1_genomic.fna
5804	<i>Bacillus thuringiensis</i>	GCA_002025105.1_ASM202510v1_genomic.fna
5805	<i>Burkholderia pseudomallei</i>	GCA_000959125.1_ASM95912v1_genomic.fna
5806	<i>Chlamydia trachomatis</i>	GCA_000364785.1_ASM36478v1_genomic.fna
5807	<i>Legionella pneumophila</i>	GCA_001753105.1_ASM175310v1_genomic.fna
5808	<i>Acinetobacter baumannii</i>	GCA_001543995.1_ASM154399v1_genomic.fna
5809	<i>Streptococcus agalactiae</i>	GCA_002197325.1_ASM219732v1_genomic.fna
5810	<i>Pseudomonas aeruginosa</i>	GCA_001516185.2_ASM151618v2_genomic.fna
5811	<i>Bacillus anthracis</i>	GCA_001683195.1_ASM168319v1_genomic.fna

5812	<i>Streptococcus pyogenes</i>	GCA_001051095.1_ASM105109v1_genomic.fna
5813	<i>Neisseria meningitidis</i>	GCA_001697445.1_ASM169744v1_genomic.fna
5814	<i>Helicobacter pylori</i>	GCA_000277405.1_ASM27740v1_genomic.fna
5815	<i>Mycobacterium tuberculosis</i>	GCA_001545015.1_ASM154501v1_genomic.fna
5816	<i>Escherichia coli</i>	GCA_000091005.1_ASM9100v1_genomic.fna
5817	<i>Listeria monocytogenes</i>	GCA_000513595.1_ASM51359v1_genomic.fna
5818	<i>Bacillus cereus</i>	GCA_002000005.1_ASM200000v1_genomic.fna
5819	<i>Staphylococcus aureus</i>	GCA_000418345.1_ASM41834v1_genomic.fna
5820	<i>Salmonella enterica</i>	GCA_000280315.2_ASM28031v2_genomic.fna
5821	<i>Campylobacter jejuni</i>	GCA_001412295.1_ASM141229v1_genomic.fna
5822	<i>Salmonella enterica</i>	GCA_000283735.1_ASM28373v1_genomic.fna
5823	<i>Campylobacter jejuni</i>	GCA_001457695.1_NCTC11351_genomic.fna
5824	<i>Staphylococcus aureus</i>	GCA_000452385.2_ASM45238v2_genomic.fna
5825	<i>Bacillus cereus</i>	GCA_002214705.1_ASM221470v1_genomic.fna
5826	<i>Listeria monocytogenes</i>	GCA_000513615.1_ASM51361v1_genomic.fna
5827	<i>Escherichia coli</i>	GCA_000147855.3_ASM14785v3_genomic.fna
5828	<i>Mycobacterium tuberculosis</i>	GCA_001702435.1_ASM170243v1_genomic.fna
5829	<i>Helicobacter pylori</i>	GCA_000277425.1_ASM27742v1_genomic.fna
5830	<i>Neisseria meningitidis</i>	GCA_001697465.1_ASM169746v1_genomic.fna
5831	<i>Streptococcus pyogenes</i>	GCA_001267805.1_ASM126780v1_genomic.fna
5832	<i>Bacillus anthracis</i>	GCA_001683215.1_ASM168321v1_genomic.fna
5833	<i>Pseudomonas aeruginosa</i>	GCA_001516205.2_ASM151620v2_genomic.fna
5834	<i>Streptococcus agalactiae</i>	GCA_002197365.1_ASM219736v1_genomic.fna
5835	<i>Acinetobacter baumannii</i>	GCA_001573065.1_ASM157306v1_genomic.fna
5836	<i>Legionella pneumophila</i>	GCA_001753125.1_ASM175312v1_genomic.fna
5837	<i>Chlamydia trachomatis</i>	GCA_000441585.1_ASM44158v1_genomic.fna
5838	<i>Burkholderia pseudomallei</i>	GCA_000959145.1_ASM95914v1_genomic.fna
5839	<i>Bacillus thuringiensis</i>	GCA_002119445.1_ASM211944v1_genomic.fna
5840	<i>Xanthomonas citri</i>	GCA_002224545.1_ASM222454v1_genomic.fna
5841	<i>Bacillus subtilis</i>	GCA_001697265.1_ASM169726v1_genomic.fna
5842	<i>Klebsiella pneumoniae</i>	GCA_000968155.1_ASM96815v1_genomic.fna
5843	<i>Bordetella pertussis</i>	GCA_001605405.1_ASM160540v1_genomic.fna
5844	<i>Mycoplasma pneumoniae</i>	GCA_002128105.1_ASM212810v1_genomic.fna
5845	<i>Lactobacillus plantarum</i>	GCA_002174195.1_ASM217419v1_genomic.fna

5846	<i>Corynebacterium pseudotuberculosis</i>	GCA_001653295.1_ASM165329v1_genomic.fna
5847	<i>Aeromonas veronii</i>	GCA_001634345.1_ASM163434v1_genomic.fna
5848	<i>Bacillus velezensis</i>	GCA_002327165.1_ASM232716v1_genomic.fna
5849	<i>Corynebacterium pseudotuberculosis</i>	GCA_001653315.1_ASM165331v1_genomic.fna
5850	<i>Aggregatibacter actinomycetemcomitans</i>	GCA_000241025.2_ASM24102v2_genomic.fna
5851	<i>Lactobacillus plantarum</i>	GCA_002205775.2_ASM220577v2_genomic.fna
5852	<i>Mycoplasma pneumoniae</i>	GCA_002128125.1_ASM212812v1_genomic.fna
5853	<i>Bordetella pertussis</i>	GCA_001605425.1_ASM160542v1_genomic.fna
5854	<i>Haemophilus parasuis</i>	GCA_000439395.1_ASM43939v1_genomic.fna
5855	<i>Klebsiella pneumoniae</i>	GCA_000981845.1_ASM98184v1_genomic.fna
5856	<i>Bacillus subtilis</i>	GCA_001703495.1_ASM170349v1_genomic.fna
5857	<i>Xanthomonas citri</i>	GCA_002288565.1_ASM228856v1_genomic.fna
5858	<i>Bacillus thuringiensis</i>	GCA_002173755.1_ASM217375v1_genomic.fna
5859	<i>Burkholderia pseudomallei</i>	GCA_000959185.1_ASM95918v1_genomic.fna
5860	<i>Chlamydia trachomatis</i>	GCA_000441615.1_ASM44161v1_genomic.fna
5861	<i>Legionella pneumophila</i>	GCA_001753145.1_ASM175314v1_genomic.fna
5862	<i>Acinetobacter baumannii</i>	GCA_001573085.1_ASM157308v1_genomic.fna
5863	<i>Streptococcus agalactiae</i>	GCA_002197385.1_ASM219738v1_genomic.fna
5864	<i>Pseudomonas aeruginosa</i>	GCA_001516225.2_ASM151622v2_genomic.fna
5865	<i>Bacillus anthracis</i>	GCA_001683235.1_ASM168323v1_genomic.fna
5866	<i>Streptococcus pyogenes</i>	GCA_001267845.1_ASM126784v1_genomic.fna
5867	<i>Neisseria meningitidis</i>	GCA_001697485.1_ASM169748v1_genomic.fna
5868	<i>Helicobacter pylori</i>	GCA_000307795.1_ASM30779v1_genomic.fna
5869	<i>Mycobacterium tuberculosis</i>	GCA_001708265.1_ASM170826v1_genomic.fna
5870	<i>Escherichia coli</i>	GCA_000148365.1_ASM14836v1_genomic.fna
5871	<i>Listeria monocytogenes</i>	GCA_000513635.1_ASM51363v1_genomic.fna
5872	<i>Bacillus cereus</i>	GCA_002214725.1_ASM221472v1_genomic.fna
5873	<i>Staphylococcus aureus</i>	GCA_000462955.1_ASM46295v1_genomic.fna
5874	<i>Campylobacter jejuni</i>	GCA_001506185.1_ASM150618v1_genomic.fna
5875	<i>Salmonella enterica</i>	GCA_000329365.2_ASM32936v2_genomic.fna
5876	<i>Salmonella enterica</i>	GCA_000330485.2_ASM33048v2_genomic.fna
5877	<i>Campylobacter jejuni</i>	GCA_001506205.1_ASM150620v1_genomic.fna
5878	<i>Staphylococcus aureus</i>	GCA_000463055.1_ASM46305v1_genomic.fna
5879	<i>Bacillus cereus</i>	GCA_002214765.1_ASM221476v1_genomic.fna

5880	<i>Listeria monocytogenes</i>	GCA_000513655.1_ASM51365v1_genomic.fna
5881	<i>Escherichia coli</i>	GCA_000148605.1_ASM14860v1_genomic.fna
5882	<i>Prochlorococcus marinus</i>	GCA_000015705.1_ASM1570v1_genomic.fna
5883	<i>Mycobacterium tuberculosis</i>	GCA_001750865.1_ASM175086v1_genomic.fna
5884	<i>Helicobacter pylori</i>	GCA_000307815.1_ASM30781v1_genomic.fna
5885	<i>Neisseria meningitidis</i>	GCA_001697505.1_ASM169750v1_genomic.fna
5886	<i>Streptococcus pyogenes</i>	GCA_001535565.1_ASM153556v1_genomic.fna
5887	<i>Bacillus anthracis</i>	GCA_001683255.1_ASM168325v1_genomic.fna
5888	<i>Pseudomonas aeruginosa</i>	GCA_001516245.2_ASM151624v2_genomic.fna
5889	<i>Streptococcus agalactiae</i>	GCA_002197425.1_ASM219742v1_genomic.fna
5890	<i>Acinetobacter baumannii</i>	GCA_001573105.1_ASM157310v1_genomic.fna
5891	<i>Legionella pneumophila</i>	GCA_001753265.1_ASM175326v1_genomic.fna
5892	<i>Chlamydia trachomatis</i>	GCA_000441635.1_ASM44163v1_genomic.fna
5893	<i>Burkholderia pseudomallei</i>	GCA_000959205.1_ASM95920v1_genomic.fna
5894	<i>Bacillus thuringiensis</i>	GCA_002184245.1_ASM218424v1_genomic.fna
5895	<i>Xanthomonas citri</i>	GCA_002288585.1_ASM228858v1_genomic.fna
5896	<i>Bacillus subtilis</i>	GCA_001704095.1_ASM170409v1_genomic.fna
5897	<i>Klebsiella pneumoniae</i>	GCA_001022035.1_ASM102203v1_genomic.fna
5898	<i>Bordetella pertussis</i>	GCA_001605445.1_ASM160544v1_genomic.fna
5899	<i>Mycoplasma pneumoniae</i>	GCA_002128145.1_ASM212814v1_genomic.fna
5900	<i>Lactobacillus plantarum</i>	GCA_002220175.1_ASM222017v1_genomic.fna
5901	<i>Aggregatibacter actinomycetemcomitans</i>	GCA_001547775.1_ASM154777v1_genomic.fna
5902	<i>Corynebacterium pseudotuberculosis</i>	GCA_001663495.1_ASM166349v1_genomic.fna
5903	<i>Corynebacterium pseudotuberculosis</i>	GCA_001682255.1_ASM168225v1_genomic.fna
5904	<i>Lactobacillus plantarum</i>	GCA_002220815.1_ASM222081v1_genomic.fna
5905	<i>Mycoplasma pneumoniae</i>	GCA_002128165.1_ASM212816v1_genomic.fna
5906	<i>Bordetella pertussis</i>	GCA_001605465.1_ASM160546v1_genomic.fna
5907	<i>Klebsiella pneumoniae</i>	GCA_001022175.1_ASM102217v1_genomic.fna
5908	<i>Bacillus subtilis</i>	GCA_001720505.1_ASM172050v1_genomic.fna
5909	<i>Bacillus thuringiensis</i>	GCA_002192515.1_ASM219251v1_genomic.fna
5910	<i>Burkholderia pseudomallei</i>	GCA_000959225.1_ASM95922v1_genomic.fna
5911	<i>Chlamydia trachomatis</i>	GCA_000441655.1_ASM44165v1_genomic.fna
5912	<i>Legionella pneumophila</i>	GCA_001753285.1_ASM175328v1_genomic.fna
5913	<i>Acinetobacter baumannii</i>	GCA_001573125.1_ASM157312v1_genomic.fna

5914	<i>Streptococcus agalactiae</i>	GCA_002214425.1_ASM221442v1_genomic.fna
5915	<i>Pseudomonas aeruginosa</i>	GCA_001516265.1_ASM151626v1_genomic.fna
5916	<i>Bacillus anthracis</i>	GCA_001683275.1_ASM168327v1_genomic.fna
5917	<i>Streptococcus pyogenes</i>	GCA_001547715.1_ASM154771v1_genomic.fna
5918	<i>Neisseria meningitidis</i>	GCA_001697525.1_ASM169752v1_genomic.fna
5919	<i>Helicobacter pylori</i>	GCA_000307835.1_ASM30783v1_genomic.fna
5920	<i>Mycobacterium tuberculosis</i>	GCA_001855255.1_ASM185525v1_genomic.fna
5921	<i>Escherichia coli</i>	GCA_000184185.1_ASM18418v1_genomic.fna
5922	<i>Listeria monocytogenes</i>	GCA_000513675.1_ASM51367v1_genomic.fna
5923	<i>Bacillus cereus</i>	GCA_002215175.1_ASM221517v1_genomic.fna
5924	<i>Campylobacter jejuni</i>	GCA_001506225.1_ASM150622v1_genomic.fna
5925	<i>Salmonella enterica</i>	GCA_000335875.2_ASM33587v2_genomic.fna
5926	<i>Staphylococcus aureus</i>	GCA_000470845.1_ASM47084v1_genomic.fna
5927	<i>Staphylococcus aureus</i>	GCA_000470865.1_ASM47086v1_genomic.fna
5928	<i>Salmonella enterica</i>	GCA_000335995.2_ASM33599v2_genomic.fna
5929	<i>Campylobacter jejuni</i>	GCA_001506245.1_ASM150624v1_genomic.fna
5930	<i>Bacillus cereus</i>	GCA_002216125.1_ASM221612v1_genomic.fna
5931	<i>Listeria monocytogenes</i>	GCA_000513695.1_ASM51369v1_genomic.fna
5932	<i>Escherichia coli</i>	GCA_000210475.1_ASM21047v1_genomic.fna
5933	<i>Mycobacterium tuberculosis</i>	GCA_001870145.1_ASM187014v1_genomic.fna
5934	<i>Helicobacter pylori</i>	GCA_000315955.1_ASM31595v1_genomic.fna
5935	<i>Neisseria meningitidis</i>	GCA_001697545.1_ASM169754v1_genomic.fna
5936	<i>Streptococcus pyogenes</i>	GCA_001547835.1_ASM154783v1_genomic.fna
5937	<i>Bacillus anthracis</i>	GCA_001683295.1_ASM168329v1_genomic.fna
5938	<i>Pseudomonas aeruginosa</i>	GCA_001516305.2_ASM151630v2_genomic.fna
5939	<i>Streptococcus agalactiae</i>	GCA_002289205.1_ASM228920v1_genomic.fna
5940	<i>Acinetobacter baumannii</i>	GCA_001578145.1_ASM157814v1_genomic.fna
5941	<i>Legionella pneumophila</i>	GCA_001753305.1_ASM175330v1_genomic.fna
5942	<i>Chlamydia trachomatis</i>	GCA_000441675.1_ASM44167v1_genomic.fna
5943	<i>Burkholderia pseudomallei</i>	GCA_000959265.1_ASM95926v1_genomic.fna
5944	<i>Bacillus thuringiensis</i>	GCA_002222555.1_ASM222255v1_genomic.fna
5945	<i>Bacillus subtilis</i>	GCA_001746575.1_ASM174657v1_genomic.fna
5946	<i>Klebsiella pneumoniae</i>	GCA_001022235.1_ASM102223v1_genomic.fna
5947	<i>Bordetella pertussis</i>	GCA_001605485.1_ASM160548v1_genomic.fna

5948	<i>Mycoplasma pneumoniae</i>	GCA_002128185.1_ASM212818v1_genomic.fna
5949	<i>Lactobacillus plantarum</i>	GCA_002286275.1_ASM228627v1_genomic.fna
5950	<i>Burkholderia vietnamiensis</i>	GCA_000016205.1_ASM1620v1_genomic.fna
5951	<i>Staphylococcus saprophyticus</i>	GCA_002208905.1_ASM220890v1_genomic.fna
5952	<i>Corynebacterium pseudotuberculosis</i>	GCA_001682275.1_ASM168227v1_genomic.fna
5953	<i>Corynebacterium pseudotuberculosis</i>	GCA_001865765.1_ASM186576v1_genomic.fna
5954	<i>Staphylococcus saprophyticus</i>	GCA_002209265.1_ASM220926v1_genomic.fna
5955	<i>Lactobacillus plantarum</i>	GCA_002290185.1_ASM229018v1_genomic.fna
5956	<i>Mycoplasma pneumoniae</i>	GCA_002128205.1_ASM212820v1_genomic.fna
5957	<i>Bordetella pertussis</i>	GCA_001605505.1_ASM160550v1_genomic.fna
5958	<i>Rhizobium leguminosarum</i>	GCA_001679785.1_ASM167978v1_genomic.fna
5959	<i>Klebsiella pneumoniae</i>	GCA_001280925.1_ASM128092v1_genomic.fna
5960	<i>Bacillus subtilis</i>	GCA_001747445.1_ASM174744v1_genomic.fna
5961	<i>Bacillus thuringiensis</i>	GCA_002243685.1_ASM224368v1_genomic.fna
5962	<i>Burkholderia pseudomallei</i>	GCA_000959285.1_ASM95928v1_genomic.fna
5963	<i>Chlamydia trachomatis</i>	GCA_000441695.1_ASM44169v1_genomic.fna
5964	<i>Legionella pneumophila</i>	GCA_001753325.1_ASM175332v1_genomic.fna
5965	<i>Acinetobacter baumannii</i>	GCA_001593425.2_ASM159342v2_genomic.fna
5966	<i>Streptococcus agalactiae</i>	GCA_900078265.1_SA111_genomic.fna
5967	<i>Pseudomonas aeruginosa</i>	GCA_001516325.2_ASM151632v2_genomic.fna
5968	<i>Bacillus anthracis</i>	GCA_001936375.1_ASM193637v1_genomic.fna
5969	<i>Streptococcus pyogenes</i>	GCA_001559175.1_ASM155917v1_genomic.fna
5970	<i>Neisseria meningitidis</i>	GCA_001697565.1_ASM169756v1_genomic.fna
5971	<i>Helicobacter pylori</i>	GCA_000317875.1_ASM31787v1_genomic.fna
5972	<i>Mycobacterium tuberculosis</i>	GCA_001895765.1_ASM189576v1_genomic.fna
5973	<i>Escherichia coli</i>	GCA_000212715.2_ASM21271v2_genomic.fna
5974	<i>Listeria monocytogenes</i>	GCA_000568475.1_ASM56847v1_genomic.fna
5975	<i>Bacillus cereus</i>	GCA_002220285.1_ASM222028v1_genomic.fna
5976	<i>Campylobacter jejuni</i>	GCA_001506265.1_ASM150626v1_genomic.fna
5977	<i>Salmonella enterica</i>	GCA_000341425.1_ASM34142v1_genomic.fna
5978	<i>Staphylococcus aureus</i>	GCA_000485885.1_ASM48588v1_genomic.fna
5979	<i>Staphylococcus aureus</i>	GCA_000568455.1_ASM56845v1_genomic.fna
5980	<i>Salmonella enterica</i>	GCA_000380325.1_ASM38032v1_genomic.fna
5981	<i>Campylobacter jejuni</i>	GCA_001506285.1_ASM150628v1_genomic.fna

5982	<i>Bacillus cereus</i>	GCA_002224345.1_ASM222434v1_genomic.fna
5983	<i>Listeria monocytogenes</i>	GCA_000568935.1_ASM56893v1_genomic.fna
5984	<i>Escherichia coli</i>	GCA_000219515.3_ASM21951v3_genomic.fna
5985	<i>Mycobacterium tuberculosis</i>	GCA_001895785.1_ASM189578v1_genomic.fna
5986	<i>Helicobacter pylori</i>	GCA_000348865.1_ASM34886v1_genomic.fna
5987	<i>Neisseria meningitidis</i>	GCA_001697585.1_ASM169758v1_genomic.fna
5988	<i>Streptococcus pyogenes</i>	GCA_001620285.1_ASM162028v1_genomic.fna
5989	<i>Bacillus anthracis</i>	GCA_001990245.1_ASM199024v1_genomic.fna
5990	<i>Streptococcus agalactiae</i>	GCA_900155855.1_BM110_genomic.fna
5991	<i>Pseudomonas aeruginosa</i>	GCA_001516345.1_ASM151634v1_genomic.fna
5992	<i>Acinetobacter baumannii</i>	GCA_001636235.1_ASM163623v1_genomic.fna
5993	<i>Legionella pneumophila</i>	GCA_001753345.1_ASM175334v1_genomic.fna
5994	<i>Chlamydia trachomatis</i>	GCA_000441715.1_ASM44171v1_genomic.fna
5995	<i>Burkholderia pseudomallei</i>	GCA_000959305.1_ASM95930v1_genomic.fna
5996	<i>Bacillus subtilis</i>	GCA_001808235.1_ASM180823v1_genomic.fna
5997	<i>Klebsiella pneumoniae</i>	GCA_001307175.1_ASM130717v1_genomic.fna
5998	<i>Bordetella pertussis</i>	GCA_001605525.1_ASM160552v1_genomic.fna
5999	<i>Mycoplasma pneumoniae</i>	GCA_002128235.1_ASM212823v1_genomic.fna
6000	<i>Lactobacillus plantarum</i>	GCA_002576835.1_ASM257683v1_genomic.fna
6001	<i>Corynebacterium pseudotuberculosis</i>	GCA_001866985.1_ASM186698v1_genomic.fna
6002	<i>Corynebacterium pseudotuberculosis</i>	GCA_001867005.1_ASM186700v1_genomic.fna
6003	<i>Mycoplasma pneumoniae</i>	GCA_002128265.1_ASM212826v1_genomic.fna
6004	<i>Bordetella pertussis</i>	GCA_001605545.1_ASM160554v1_genomic.fna
6005	<i>Klebsiella pneumoniae</i>	GCA_001455995.1_MS6671.v1_genomic.fna
6006	<i>Bacillus subtilis</i>	GCA_001889385.1_ASM188938v1_genomic.fna
6007	<i>Burkholderia pseudomallei</i>	GCA_000959345.1_ASM95934v1_genomic.fna
6008	<i>Chlamydia trachomatis</i>	GCA_000441735.1_ASM44173v1_genomic.fna
6009	<i>Legionella pneumophila</i>	GCA_001753365.1_ASM175336v1_genomic.fna
6010	<i>Acinetobacter baumannii</i>	GCA_001806345.1_ASM180634v1_genomic.fna
6011	<i>Pseudomonas aeruginosa</i>	GCA_001516365.2_ASM151636v2_genomic.fna
6012	<i>Bacillus anthracis</i>	GCA_002277915.1_ASM227791v1_genomic.fna
6013	<i>Streptococcus pyogenes</i>	GCA_001635895.1_ASM163589v1_genomic.fna
6014	<i>Neisseria meningitidis</i>	GCA_001697605.1_ASM169760v1_genomic.fna
6015	<i>Helicobacter pylori</i>	GCA_000348885.1_ASM34888v1_genomic.fna

6016	<i>Mycobacterium tuberculosis</i>	GCA_001895805.1_ASM189580v1_genomic.fna
6017	<i>Escherichia coli</i>	GCA_000227625.1_ASM22762v1_genomic.fna
6018	<i>Listeria monocytogenes</i>	GCA_000577745.1_6179_18022011_genomic.fna
6019	<i>Bacillus cereus</i>	GCA_002290105.1_ASM229010v1_genomic.fna
6020	<i>Campylobacter jejuni</i>	GCA_001506305.1_ASM150630v1_genomic.fna
6021	<i>Salmonella enterica</i>	GCA_000385905.1_ASM38590v1_genomic.fna
6022	<i>Staphylococcus aureus</i>	GCA_000597965.1_ASM59796v1_genomic.fna
6023	<i>Staphylococcus aureus</i>	GCA_000626615.1_ASM62661v1_genomic.fna
6024	<i>Salmonella enterica</i>	GCA_000430085.2_ASM43008v2_genomic.fna
6025	<i>Campylobacter jejuni</i>	GCA_001506345.1_ASM150634v1_genomic.fna
6026	<i>Listeria monocytogenes</i>	GCA_000582845.1_SV_1_genomic.fna
6027	<i>Escherichia coli</i>	GCA_000233875.1_ASM23387v1_genomic.fna
6028	<i>Mycobacterium tuberculosis</i>	GCA_001895825.1_ASM189582v1_genomic.fna
6029	<i>Helicobacter pylori</i>	GCA_000392455.3_ASM39245v3_genomic.fna
6030	<i>Neisseria meningitidis</i>	GCA_001697625.1_ASM169762v1_genomic.fna
6031	<i>Streptococcus pyogenes</i>	GCA_001635935.1_ASM163593v1_genomic.fna
6032	<i>Bacillus anthracis</i>	GCA_002356575.1_ASM235657v1_genomic.fna
6033	<i>Pseudomonas aeruginosa</i>	GCA_001516385.1_ASM151638v1_genomic.fna
6034	<i>Acinetobacter baumannii</i>	GCA_001806365.1_ASM180636v1_genomic.fna
6035	<i>Legionella pneumophila</i>	GCA_001753385.1_ASM175338v1_genomic.fna
6036	<i>Chlamydia trachomatis</i>	GCA_000441755.1_ASM44175v1_genomic.fna
6037	<i>Burkholderia pseudomallei</i>	GCA_001277875.1_ASM127787v1_genomic.fna
6038	<i>Bacillus subtilis</i>	GCA_001889625.1_ASM188962v1_genomic.fna
6039	<i>Klebsiella pneumoniae</i>	GCA_001456055.3_ASM145605v3_genomic.fna
6040	<i>Bordetella pertussis</i>	GCA_001605565.1_ASM160556v1_genomic.fna
6041	<i>Mycoplasma pneumoniae</i>	GCA_002128285.1_ASM212828v1_genomic.fna
6042	<i>Pectobacterium carotovorum</i>	GCA_000769535.1_ASM76953v1_genomic.fna
6043	<i>Corynebacterium pseudotuberculosis</i>	GCA_001867025.1_ASM186702v1_genomic.fna
6044	<i>Kingella kingae</i>	GCA_001458475.1_KKKWG1_genomic.fna
6045	<i>Corynebacterium pseudotuberculosis</i>	GCA_001867045.1_ASM186704v1_genomic.fna
6046	<i>Mycoplasma pneumoniae</i>	GCA_002147855.1_ASM214785v1_genomic.fna
6047	<i>Bordetella pertussis</i>	GCA_001605585.1_ASM160558v1_genomic.fna
6048	<i>Klebsiella pneumoniae</i>	GCA_001456095.3_ASM145609v3_genomic.fna
6049	<i>Bacillus subtilis</i>	GCA_001890405.1_ASM189040v1_genomic.fna

6050	<i>Burkholderia pseudomallei</i>	GCA_001277895.1_ASM127789v1_genomic.fna
6051	<i>Chlamydia trachomatis</i>	GCA_000441775.1_ASM44177v1_genomic.fna
6052	<i>Legionella pneumophila</i>	GCA_001753405.1_ASM175340v1_genomic.fna
6053	<i>Acinetobacter baumannii</i>	GCA_001806385.1_ASM180638v1_genomic.fna
6054	<i>Pseudomonas aeruginosa</i>	GCA_001518975.1_ASM151897v1_genomic.fna
6055	<i>Streptococcus pyogenes</i>	GCA_001635975.1_ASM163597v1_genomic.fna
6056	<i>Neisseria meningitidis</i>	GCA_001697645.1_ASM169764v1_genomic.fna
6057	<i>Helicobacter pylori</i>	GCA_000392475.3_ASM39247v3_genomic.fna
6058	<i>Mycobacterium tuberculosis</i>	GCA_001895845.1_ASM189584v1_genomic.fna
6059	<i>Escherichia coli</i>	GCA_000233895.1_ASM23389v1_genomic.fna
6060	<i>Listeria monocytogenes</i>	GCA_000600015.1_ASM60001v1_genomic.fna
6061	<i>Campylobacter jejuni</i>	GCA_001506365.1_ASM150636v1_genomic.fna
6062	<i>Staphylococcus aureus</i>	GCA_000695215.1_ASM69521v1_genomic.fna
6063	<i>Salmonella enterica</i>	GCA_000430105.1_ASM43010v1_genomic.fna
6064	<i>Salmonella enterica</i>	GCA_000430125.1_ASM43012v1_genomic.fna
6065	<i>Campylobacter jejuni</i>	GCA_001506385.1_ASM150638v1_genomic.fna
6066	<i>Staphylococcus aureus</i>	GCA_000695875.1_ASM69587v1_genomic.fna
6067	<i>Listeria monocytogenes</i>	GCA_000613085.1_R479A_18022011_genomic.fna
6068	<i>Escherichia coli</i>	GCA_000245515.1_ASM24551v1_genomic.fna
6069	<i>Mycobacterium tuberculosis</i>	GCA_001895865.1_ASM189586v1_genomic.fna
6070	<i>Helicobacter pylori</i>	GCA_000392515.3_ASM39251v3_genomic.fna
6071	<i>Neisseria meningitidis</i>	GCA_001697665.1_ASM169766v1_genomic.fna
6072	<i>Streptococcus pyogenes</i>	GCA_001638845.2_ASM163884v2_genomic.fna
6073	<i>Pseudomonas aeruginosa</i>	GCA_001542795.2_ASM154279v2_genomic.fna
6074	<i>Acinetobacter baumannii</i>	GCA_001806405.1_ASM180640v1_genomic.fna
6075	<i>Legionella pneumophila</i>	GCA_001766275.1_ASM176627v1_genomic.fna
6076	<i>Chlamydia trachomatis</i>	GCA_000441795.1_ASM44179v1_genomic.fna
6077	<i>Burkholderia pseudomallei</i>	GCA_001277975.1_ASM127797v1_genomic.fna
6078	<i>Bacillus subtilis</i>	GCA_001902555.1_ASM190255v1_genomic.fna
6079	<i>Porphyromonas gingivalis</i>	GCA_001444325.1_ASM144432v1_genomic.fna
6080	<i>Klebsiella pneumoniae</i>	GCA_001456135.1_ASM145613v1_genomic.fna
6081	<i>Bordetella pertussis</i>	GCA_001605605.1_ASM160560v1_genomic.fna
6082	<i>Mycoplasma pneumoniae</i>	GCA_002355695.1_ASM235569v1_genomic.fna
6083	<i>Corynebacterium pseudotuberculosis</i>	GCA_001867065.1_ASM186706v1_genomic.fna

6084	<i>Corynebacterium pseudotuberculosis</i>	GCA_001867085.1_ASM186708v1_genomic.fna
6085	<i>Mycoplasma pneumoniae</i>	GCA_002355715.1_ASM235571v1_genomic.fna
6086	<i>Bordetella pertussis</i>	GCA_001605625.1_ASM160562v1_genomic.fna
6087	<i>Klebsiella pneumoniae</i>	GCA_001482345.1_ASM148234v1_genomic.fna
6088	<i>Bacillus subtilis</i>	GCA_002055965.1_ASM205596v1_genomic.fna
6089	<i>Burkholderia pseudomallei</i>	GCA_001318245.1_ASM131824v1_genomic.fna
6090	<i>Chlamydia trachomatis</i>	GCA_000441815.1_ASM44181v1_genomic.fna
6091	<i>Legionella pneumophila</i>	GCA_001766295.1_ASM176629v1_genomic.fna
6092	<i>Acinetobacter baumannii</i>	GCA_001806425.1_ASM180642v1_genomic.fna
6093	<i>Pseudomonas aeruginosa</i>	GCA_001542835.1_ASM154283v1_genomic.fna
6094	<i>Streptococcus pyogenes</i>	GCA_001678885.1_ASM167888v1_genomic.fna
6095	<i>Neisseria meningitidis</i>	GCA_001697685.1_ASM169768v1_genomic.fna
6096	<i>Helicobacter pylori</i>	GCA_000392535.3_ASM39253v3_genomic.fna
6097	<i>Mycobacterium tuberculosis</i>	GCA_001922485.1_ASM192248v1_genomic.fna
6098	<i>Escherichia coli</i>	GCA_000257275.1_ASM25727v1_genomic.fna
6099	<i>Listeria monocytogenes</i>	GCA_000681515.1_ASM68151v1_genomic.fna
6100	<i>Staphylococcus aureus</i>	GCA_000737615.1_ASM73761v1_genomic.fna
6101	<i>Campylobacter jejuni</i>	GCA_001506405.1_ASM150640v1_genomic.fna
6102	<i>Salmonella enterica</i>	GCA_000430145.3_ASM43014v3_genomic.fna
6103	<i>Campylobacter jejuni</i>	GCA_001506425.1_ASM150642v1_genomic.fna
6104	<i>Salmonella enterica</i>	GCA_000430165.1_ASM43016v1_genomic.fna
6105	<i>Staphylococcus aureus</i>	GCA_000746505.1_ASM74650v1_genomic.fna
6106	<i>Listeria monocytogenes</i>	GCA_000746625.1_ASM74662v1_genomic.fna
6107	<i>Escherichia coli</i>	GCA_000258025.1_ASM25802v1_genomic.fna
6108	<i>Mycobacterium tuberculosis</i>	GCA_001938725.1_ASM193872v1_genomic.fna
6109	<i>Helicobacter pylori</i>	GCA_000439295.2_ASM43929v2_genomic.fna
6110	<i>Neisseria meningitidis</i>	GCA_001697705.1_ASM169770v1_genomic.fna
6111	<i>Streptococcus pyogenes</i>	GCA_002055535.1_NCTC8198_genomic.fna
6112	<i>Pseudomonas aeruginosa</i>	GCA_001547955.1_ASM154795v1_genomic.fna
6113	<i>Acinetobacter baumannii</i>	GCA_001806445.1_ASM180644v1_genomic.fna
6114	<i>Legionella pneumophila</i>	GCA_001766315.1_ASM176631v1_genomic.fna
6115	<i>Chlamydia trachomatis</i>	GCA_000507225.1_ASM50722v1_genomic.fna
6116	<i>Burkholderia pseudomallei</i>	GCA_001695715.1_ASM169571v1_genomic.fna
6117	<i>Coxiella burnetii</i>	GCA_000359545.5_G255_GS_genomic.fna

6118	<i>Bacillus subtilis</i>	GCA_002072735.1_ASM207273v1_genomic.fna
6119	<i>Klebsiella pneumoniae</i>	GCA_001521895.1_ASM152189v1_genomic.fna
6120	<i>Bordetella pertussis</i>	GCA_001605645.1_ASM160564v1_genomic.fna
6121	<i>Corynebacterium pseudotuberculosis</i>	GCA_001867105.1_ASM186710v1_genomic.fna
6122	<i>Enterobacter asburiae</i>	GCA_001617645.1_ASM161764v1_genomic.fna
6123	<i>Corynebacterium pseudotuberculosis</i>	GCA_001867125.1_ASM186712v1_genomic.fna
6124	<i>Bordetella pertussis</i>	GCA_001605665.1_ASM160566v1_genomic.fna
6125	<i>Treponema pallidum</i>	GCA_000008605.1_ASM860v1_genomic.fna
6126	<i>Klebsiella pneumoniae</i>	GCA_001529935.1_ASM152993v1_genomic.fna
6127	<i>Bacillus subtilis</i>	GCA_002096095.1_ASM209609v1_genomic.fna
6128	<i>Burkholderia pseudomallei</i>	GCA_001695735.1_ASM169573v1_genomic.fna
6129	<i>Chlamydia trachomatis</i>	GCA_000590575.1_ASM59057v1_genomic.fna
6130	<i>Legionella pneumophila</i>	GCA_001766335.1_ASM176633v1_genomic.fna
6131	<i>Acinetobacter baumannii</i>	GCA_001806465.1_ASM180646v1_genomic.fna
6132	<i>Pseudomonas aeruginosa</i>	GCA_001548135.1_ASM154813v1_genomic.fna
6133	<i>Streptococcus pyogenes</i>	GCA_002163545.1_ASM216354v1_genomic.fna
6134	<i>Neisseria meningitidis</i>	GCA_001697725.1_ASM169772v1_genomic.fna
6135	<i>Helicobacter pylori</i>	GCA_000498315.1_ASM49831v1_genomic.fna
6136	<i>Escherichia coli</i>	GCA_000258145.1_ASM25814v1_genomic.fna
6137	<i>Mycobacterium tuberculosis</i>	GCA_002072775.2_ASM207277v2_genomic.fna
6138	<i>Listeria monocytogenes</i>	GCA_000800335.1_ASM80033v1_genomic.fna
6139	<i>Staphylococcus aureus</i>	GCA_000756205.1_ASM75620v1_genomic.fna
6140	<i>Salmonella enterica</i>	GCA_000439415.1_ASM43941v1_genomic.fna
6141	<i>Campylobacter jejuni</i>	GCA_001506445.1_ASM150644v1_genomic.fna
6142	<i>Campylobacter jejuni</i>	GCA_001506465.1_ASM150646v1_genomic.fna
6143	<i>Salmonella enterica</i>	GCA_000442415.1_ASM44241v1_genomic.fna
6144	<i>Staphylococcus aureus</i>	GCA_000769575.1_ASM76957v1_genomic.fna
6145	<i>Listeria monocytogenes</i>	GCA_000808055.1_ASM80805v1_genomic.fna
6146	<i>Escherichia coli</i>	GCA_000262125.1_ASM26212v1_genomic.fna
6147	<i>Mycobacterium tuberculosis</i>	GCA_002116755.1_ASM211675v1_genomic.fna
6148	<i>Helicobacter pylori</i>	GCA_000498335.1_ASM49833v1_genomic.fna
6149	<i>Neisseria meningitidis</i>	GCA_001697745.1_ASM169774v1_genomic.fna
6150	<i>Streptococcus pyogenes</i>	GCA_002236855.1_ASM223685v1_genomic.fna
6151	<i>Pseudomonas aeruginosa</i>	GCA_001548335.1_ASM154833v1_genomic.fna

6152	<i>Acinetobacter baumannii</i>	GCA_001806485.1_ASM180648v1_genomic.fna
6153	<i>Legionella pneumophila</i>	GCA_001766355.1_ASM176635v1_genomic.fna
6154	<i>Chlamydia trachomatis</i>	GCA_000590615.1_ASM59061v1_genomic.fna
6155	<i>Burkholderia pseudomallei</i>	GCA_001885195.1_ASM188519v1_genomic.fna
6156	<i>Bacillus subtilis</i>	GCA_002142595.1_ASM214259v1_genomic.fna
6157	<i>Klebsiella pneumoniae</i>	GCA_001530015.1_ASM153001v1_genomic.fna
6158	<i>Bordetella pertussis</i>	GCA_001605685.1_ASM160568v1_genomic.fna
6159	<i>Corynebacterium pseudotuberculosis</i>	GCA_001867145.1_ASM186714v1_genomic.fna
6160	<i>Corynebacterium pseudotuberculosis</i>	GCA_001867165.1_ASM186716v1_genomic.fna
6161	<i>Bordetella pertussis</i>	GCA_001628735.1_ASM162873v1_genomic.fna
6162	<i>Klebsiella pneumoniae</i>	GCA_001548315.1_ASM154831v1_genomic.fna
6163	<i>Bacillus subtilis</i>	GCA_002163815.1_ASM216381v1_genomic.fna
6164	<i>Burkholderia pseudomallei</i>	GCA_001887555.1_ASM188755v1_genomic.fna
6165	<i>Chlamydia trachomatis</i>	GCA_000590635.1_ASM59063v1_genomic.fna
6166	<i>Legionella pneumophila</i>	GCA_001766375.1_ASM176637v1_genomic.fna
6167	<i>Acinetobacter baumannii</i>	GCA_001887305.1_ASM188730v1_genomic.fna
6168	<i>Pseudomonas aeruginosa</i>	GCA_001594325.2_ASM159432v2_genomic.fna
6169	<i>Streptococcus pyogenes</i>	GCA_002236875.1_ASM223687v1_genomic.fna
6170	<i>Neisseria meningitidis</i>	GCA_001697765.1_ASM169776v1_genomic.fna
6171	<i>Helicobacter pylori</i>	GCA_000590775.1_ASM59077v1_genomic.fna
6172	<i>Mycobacterium tuberculosis</i>	GCA_002116775.1_ASM211677v1_genomic.fna
6173	<i>Escherichia coli</i>	GCA_000270105.1_ASM27010v1_genomic.fna
6174	<i>Listeria monocytogenes</i>	GCA_000950775.1_ASM95077v1_genomic.fna
6175	<i>Staphylococcus aureus</i>	GCA_000772025.1_ASM77202v1_genomic.fna
6176	<i>Salmonella enterica</i>	GCA_000462995.1_ASM46299v1_genomic.fna
6177	<i>Campylobacter jejuni</i>	GCA_001506485.1_ASM150648v1_genomic.fna
6178	<i>Salmonella enterica</i>	GCA_000473275.1_ASM47327v1_genomic.fna
6179	<i>Campylobacter jejuni</i>	GCA_001506505.1_ASM150650v1_genomic.fna
6180	<i>Staphylococcus aureus</i>	GCA_000815045.1_ASM81504v1_genomic.fna
6181	<i>Listeria monocytogenes</i>	GCA_001005925.1_ASM100592v1_genomic.fna
6182	<i>Mycobacterium tuberculosis</i>	GCA_002116795.1_ASM211679v1_genomic.fna
6183	<i>Escherichia coli</i>	GCA_000284495.1_ASM28449v1_genomic.fna
6184	<i>Helicobacter pylori</i>	GCA_000600045.1_ASM60004v1_genomic.fna
6185	<i>Neisseria meningitidis</i>	GCA_001697785.1_ASM169778v1_genomic.fna

6186	<i>Streptococcus pyogenes</i>	GCA_002238295.1_ASM223829v1_genomic.fna
6187	<i>Fusobacterium nucleatum</i>	GCA_001296125.1_ASM129612v1_genomic.fna
6188	<i>Pseudomonas aeruginosa</i>	GCA_001606045.1_ASM160604v1_genomic.fna
6189	<i>Acinetobacter baumannii</i>	GCA_001895985.1_ASM189598v1_genomic.fna
6190	<i>Legionella pneumophila</i>	GCA_001886795.1_ASM188679v1_genomic.fna
6191	<i>Chlamydia trachomatis</i>	GCA_000590675.1_ASM59067v1_genomic.fna
6192	<i>Burkholderia pseudomallei</i>	GCA_001887575.1_ASM188757v1_genomic.fna
6193	<i>Bacillus subtilis</i>	GCA_002173695.1_ASM217369v1_genomic.fna
6194	<i>Klebsiella pneumoniae</i>	GCA_001611055.1_ASM161105v1_genomic.fna
6195	<i>Brucella suis</i>	GCA_000755085.1_ASM75508v1_genomic.fna
6196	<i>Bordetella pertussis</i>	GCA_001686365.1_ASM168636v1_genomic.fna
6197	<i>Corynebacterium pseudotuberculosis</i>	GCA_001889145.1_ASM188914v1_genomic.fna
6198	<i>Corynebacterium pseudotuberculosis</i>	GCA_001922265.1_ASM192226v1_genomic.fna
6199	<i>Bordetella pertussis</i>	GCA_001686405.1_ASM168640v1_genomic.fna
6200	<i>Brucella suis</i>	GCA_000755105.1_ASM75510v1_genomic.fna
6201	<i>Klebsiella pneumoniae</i>	GCA_001611095.1_ASM161109v1_genomic.fna
6202	<i>Bacillus subtilis</i>	GCA_002173715.1_ASM217371v1_genomic.fna
6203	<i>Burkholderia pseudomallei</i>	GCA_001975065.1_ASM197506v1_genomic.fna
6204	<i>Chlamydia trachomatis</i>	GCA_000590755.1_ASM59075v1_genomic.fna
6205	<i>Legionella pneumophila</i>	GCA_001886835.1_ASM188683v1_genomic.fna
6206	<i>Acinetobacter baumannii</i>	GCA_001896005.1_ASM189600v1_genomic.fna
6207	<i>Pseudomonas aeruginosa</i>	GCA_001618925.1_ASM161892v1_genomic.fna
6208	<i>Fusobacterium nucleatum</i>	GCA_001296185.1_ASM129618v1_genomic.fna
6209	<i>Streptococcus pyogenes</i>	GCA_002238315.1_ASM223831v1_genomic.fna
6210	<i>Neisseria meningitidis</i>	GCA_001697805.1_ASM169780v1_genomic.fna
6211	<i>Helicobacter pylori</i>	GCA_000600085.1_ASM60008v1_genomic.fna
6212	<i>Mycobacterium tuberculosis</i>	GCA_002116815.1_ASM211681v1_genomic.fna
6213	<i>Escherichia coli</i>	GCA_000285655.3_EC958.v1_genomic.fna
6214	<i>Listeria monocytogenes</i>	GCA_001005985.1_ASM100598v1_genomic.fna
6215	<i>Staphylococcus aureus</i>	GCA_000815085.1_ASM81508v1_genomic.fna
6216	<i>Campylobacter jejuni</i>	GCA_001506525.1_ASM150652v1_genomic.fna
6217	<i>Salmonella enterica</i>	GCA_000483715.2_ASM48371v2_genomic.fna
6218	<i>Campylobacter jejuni</i>	GCA_001506545.1_ASM150654v1_genomic.fna
6219	<i>Salmonella enterica</i>	GCA_000484195.2_ASM48419v2_genomic.fna

6220	<i>Staphylococcus aureus</i>	GCA_000815125.1_ASM81512v1_genomic.fna
6221	<i>Listeria monocytogenes</i>	GCA_001027065.1_ASM102706v1_genomic.fna
6222	<i>Mycobacterium tuberculosis</i>	GCA_002116835.1_ASM211683v1_genomic.fna
6223	<i>Escherichia coli</i>	GCA_000299255.1_ASM29925v1_genomic.fna
6224	<i>Helicobacter pylori</i>	GCA_000600125.1_ASM60012v1_genomic.fna
6225	<i>Neisseria meningitidis</i>	GCA_001697825.1_ASM169782v1_genomic.fna
6226	<i>Streptococcus pyogenes</i>	GCA_002355175.1_ASM235517v1_genomic.fna
6227	<i>Fusobacterium nucleatum</i>	GCA_002211645.1_ASM221164v1_genomic.fna
6228	<i>Pseudomonas aeruginosa</i>	GCA_001632245.1_ASM163224v1_genomic.fna
6229	<i>Acinetobacter baumannii</i>	GCA_001902375.1_ASM190237v1_genomic.fna
6230	<i>Legionella pneumophila</i>	GCA_001941585.1_ASM194158v1_genomic.fna
6231	<i>Chlamydia trachomatis</i>	GCA_000971705.1_ASM97170v1_genomic.fna
6232	<i>Burkholderia pseudomallei</i>	GCA_001975085.1_ASM197508v1_genomic.fna
6233	<i>Bacillus subtilis</i>	GCA_002201955.1_ASM220195v1_genomic.fna
6234	<i>Klebsiella pneumoniae</i>	GCA_001644765.1_ASM164476v1_genomic.fna
6235	<i>Chlamydia psittaci</i>	GCA_000298375.2_ASM29837v2_genomic.fna
6236	<i>Bordetella pertussis</i>	GCA_001686425.1_ASM168642v1_genomic.fna
6237	<i>Corynebacterium pseudotuberculosis</i>	GCA_001922285.1_ASM192228v1_genomic.fna
6238	<i>Corynebacterium pseudotuberculosis</i>	GCA_001969145.2_ASM196914v2_genomic.fna
6239	<i>Bordetella pertussis</i>	GCA_001686445.1_ASM168644v1_genomic.fna
6240	<i>Chlamydia psittaci</i>	GCA_000338695.1_ASM33869v1_genomic.fna
6241	<i>Klebsiella pneumoniae</i>	GCA_001646625.1_ASM164662v1_genomic.fna
6242	<i>Bacillus subtilis</i>	GCA_002201995.1_ASM220199v1_genomic.fna
6243	<i>Burkholderia pseudomallei</i>	GCA_001975105.1_ASM197510v1_genomic.fna
6244	<i>Chlamydia trachomatis</i>	GCA_000971725.1_ASM97172v1_genomic.fna
6245	<i>Legionella pneumophila</i>	GCA_001969405.1_ASM196940v1_genomic.fna
6246	<i>Acinetobacter baumannii</i>	GCA_001908295.1_ASM190829v1_genomic.fna
6247	<i>Pseudomonas aeruginosa</i>	GCA_001679685.1_ASM167968v1_genomic.fna
6248	<i>Streptococcus pyogenes</i>	GCA_002355815.1_ASM235581v1_genomic.fna
6249	<i>Neisseria meningitidis</i>	GCA_001697845.1_ASM169784v1_genomic.fna
6250	<i>Helicobacter pylori</i>	GCA_000600145.1_ASM60014v1_genomic.fna
6251	<i>Escherichia coli</i>	GCA_000299475.1_ASM29947v1_genomic.fna
6252	<i>Mycobacterium tuberculosis</i>	GCA_002116855.1_ASM211685v1_genomic.fna
6253	<i>Listeria monocytogenes</i>	GCA_001027085.1_ASM102708v1_genomic.fna

6254	<i>Staphylococcus aureus</i>	GCA_000815165.1_ASM81516v1_genomic.fna
6255	<i>Campylobacter jejuni</i>	GCA_001506565.1_ASM150656v1_genomic.fna
6256	<i>Salmonella enterica</i>	GCA_000486045.2_ASM48604v2_genomic.fna
6257	<i>Salmonella enterica</i>	GCA_000486165.2_ASM48616v2_genomic.fna
6258	<i>Campylobacter jejuni</i>	GCA_001506585.1_ASM150658v1_genomic.fna
6259	<i>Staphylococcus aureus</i>	GCA_000815205.1_ASM81520v1_genomic.fna
6260	<i>Listeria monocytogenes</i>	GCA_001027125.1_ASM102712v1_genomic.fna
6261	<i>Mycobacterium tuberculosis</i>	GCA_002208235.1_ASM220823v1_genomic.fna
6262	<i>Escherichia coli</i>	GCA_000332755.1_ASM33275v1_genomic.fna
6263	<i>Helicobacter pylori</i>	GCA_000600165.1_ASM60016v1_genomic.fna
6264	<i>Neisseria meningitidis</i>	GCA_001697865.1_ASM169786v1_genomic.fna
6265	<i>Streptococcus pyogenes</i>	GCA_002557755.1_ASM255775v1_genomic.fna
6266	<i>Pseudomonas aeruginosa</i>	GCA_001721745.1_ASM172174v1_genomic.fna
6267	<i>Acinetobacter baumannii</i>	GCA_001922205.1_ASM192220v1_genomic.fna
6268	<i>Legionella pneumophila</i>	GCA_001989475.1_ASM198947v1_genomic.fna
6269	<i>Chlamydia trachomatis</i>	GCA_001183765.1_ASM118376v1_genomic.fna
6270	<i>Burkholderia pseudomallei</i>	GCA_001975125.1_ASM197512v1_genomic.fna
6271	<i>Bacillus subtilis</i>	GCA_002202035.1_ASM220203v1_genomic.fna
6272	<i>Klebsiella pneumoniae</i>	GCA_001648215.1_ASM164821v1_genomic.fna
6273	<i>Bordetella pertussis</i>	GCA_001686465.1_ASM168646v1_genomic.fna
6274	<i>Corynebacterium pseudotuberculosis</i>	GCA_001969165.2_ASM196916v2_genomic.fna
6275	<i>Corynebacterium pseudotuberculosis</i>	GCA_001975165.1_ASM197516v1_genomic.fna
6276	<i>Bordetella pertussis</i>	GCA_001686485.1_ASM168648v1_genomic.fna
6277	<i>Klebsiella pneumoniae</i>	GCA_001663195.1_ASM166319v1_genomic.fna
6278	<i>Bacillus subtilis</i>	GCA_002202055.1_ASM220205v1_genomic.fna
6279	<i>Burkholderia pseudomallei</i>	GCA_001975145.1_ASM197514v1_genomic.fna
6280	<i>Chlamydia trachomatis</i>	GCA_001183805.1_ASM118380v1_genomic.fna
6281	<i>Legionella pneumophila</i>	GCA_900092465.1_Lpm7613_v1_genomic.fna
6282	<i>Acinetobacter baumannii</i>	GCA_001922225.1_ASM192222v1_genomic.fna
6283	<i>Pseudomonas aeruginosa</i>	GCA_001721765.1_ASM172176v1_genomic.fna
6284	<i>Neisseria meningitidis</i>	GCA_001697885.1_ASM169788v1_genomic.fna
6285	<i>Helicobacter pylori</i>	GCA_000600185.1_ASM60018v1_genomic.fna
6286	<i>Escherichia coli</i>	GCA_000350185.1_ASM35018v1_genomic.fna
6287	<i>Mycobacterium tuberculosis</i>	GCA_002356015.1_ASM235601v1_genomic.fna

6288	<i>Listeria monocytogenes</i>	GCA_001027165.1_ASM102716v1_genomic.fna
6289	<i>Staphylococcus aureus</i>	GCA_000815245.1_ASM81524v1_genomic.fna
6290	<i>Campylobacter jejuni</i>	GCA_001506605.1_ASM150660v1_genomic.fna
6291	<i>Salmonella enterica</i>	GCA_000486345.2_ASM48634v2_genomic.fna
6292	<i>Campylobacter jejuni</i>	GCA_001506625.1_ASM150662v1_genomic.fna
6293	<i>Salmonella enterica</i>	GCA_000486365.2_ASM48636v2_genomic.fna
6294	<i>Staphylococcus aureus</i>	GCA_000828035.1_ASM82803v1_genomic.fna
6295	<i>Listeria monocytogenes</i>	GCA_001027205.1_ASM102720v1_genomic.fna
6296	<i>Mycobacterium tuberculosis</i>	GCA_002356255.1_ASM235625v1_genomic.fna
6297	<i>Helicobacter pylori</i>	GCA_000600205.1_ASM60020v1_genomic.fna
6298	<i>Escherichia coli</i>	GCA_000464955.2_ASM46495v2_genomic.fna
6299	<i>Neisseria meningitidis</i>	GCA_001697905.1_ASM169790v1_genomic.fna
6300	<i>Pseudomonas aeruginosa</i>	GCA_001721785.1_ASM172178v1_genomic.fna
6301	<i>Acinetobacter baumannii</i>	GCA_001922245.1_ASM192224v1_genomic.fna
6302	<i>Legionella pneumophila</i>	GCA_900119755.1_2531STDY5467379_genomic.fna
6303	<i>Chlamydia trachomatis</i>	GCA_001183825.1_ASM118382v1_genomic.fna
6304	<i>Burkholderia pseudomallei</i>	GCA_002110945.1_ASM211094v1_genomic.fna
6305	<i>Bacillus subtilis</i>	GCA_002216085.1_ASM221608v1_genomic.fna
6306	<i>Klebsiella pneumoniae</i>	GCA_001663295.1_ASM166329v1_genomic.fna
6307	<i>Bordetella pertussis</i>	GCA_001686505.1_ASM168650v1_genomic.fna
6308	<i>Corynebacterium pseudotuberculosis</i>	GCA_001989595.1_ASM198959v1_genomic.fna
6309	<i>Corynebacterium pseudotuberculosis</i>	GCA_002009385.1_ASM200938v1_genomic.fna
6310	<i>Bordetella pertussis</i>	GCA_001686525.1_ASM168652v1_genomic.fna
6311	<i>Klebsiella pneumoniae</i>	GCA_001663435.1_ASM166343v1_genomic.fna
6312	<i>Bacillus subtilis</i>	GCA_002269175.1_ASM226917v1_genomic.fna
6313	<i>Burkholderia pseudomallei</i>	GCA_002110965.1_ASM211096v1_genomic.fna
6314	<i>Chlamydia trachomatis</i>	GCA_001183845.1_ASM118384v1_genomic.fna
6315	<i>Legionella pneumophila</i>	GCA_900119765.1_2532STDY5467631_genomic.fna
6316	<i>Acinetobacter baumannii</i>	GCA_001941765.1_ASM194176v1_genomic.fna
6317	<i>Pseudomonas aeruginosa</i>	GCA_001721805.1_ASM172180v1_genomic.fna
6318	<i>Neisseria meningitidis</i>	GCA_001697925.1_ASM169792v1_genomic.fna
6319	<i>Helicobacter pylori</i>	GCA_000600225.1_ASM60022v1_genomic.fna
6320	<i>Mycobacterium tuberculosis</i>	GCA_002357935.1_ASM235793v1_genomic.fna
6321	<i>Escherichia coli</i>	GCA_000468515.1_ASM46851v1_genomic.fna

6322	<i>Listeria monocytogenes</i>	GCA_001027245.1_ASM102724v1_genomic.fna
6323	<i>Staphylococcus aureus</i>	GCA_000953255.1_Staphylococcus_aureus_Sa_ILRI_217_genomic.fna
6324	<i>Salmonella enterica</i>	GCA_000486405.2_ASM48640v2_genomic.fna
6325	<i>Campylobacter jejuni</i>	GCA_001506645.1_ASM150664v1_genomic.fna
6326	<i>Campylobacter jejuni</i>	GCA_001506665.1_ASM150666v1_genomic.fna
6327	<i>Salmonella enterica</i>	GCA_000486445.2_ASM48644v2_genomic.fna
6328	<i>Staphylococcus aureus</i>	GCA_000967325.1_ASM96732v1_genomic.fna
6329	<i>Listeria monocytogenes</i>	GCA_001047715.1_ASM104771v1_genomic.fna
6330	<i>Mycobacterium tuberculosis</i>	GCA_002357955.1_ASM235795v1_genomic.fna
6331	synthetic <i>Escherichia</i>	GCA_000474035.1_ASM47403v1_genomic.fna
6332	<i>Helicobacter pylori</i>	GCA_000685625.1_ASM68562v1_genomic.fna
6333	<i>Neisseria meningitidis</i>	GCA_001697945.1_ASM169794v1_genomic.fna
6334	<i>Pseudomonas aeruginosa</i>	GCA_001721825.1_ASM172182v1_genomic.fna
6335	<i>Acinetobacter baumannii</i>	GCA_002082625.1_ASM208262v1_genomic.fna
6336	<i>Legionella pneumophila</i>	GCA_900119775.1_2531STDY5467446_genomic.fna
6337	<i>Chlamydia trachomatis</i>	GCA_001655335.1_ASM165533v1_genomic.fna
6338	<i>Burkholderia pseudomallei</i>	GCA_002111005.1_ASM211100v1_genomic.fna
6339	<i>Bacillus subtilis</i>	GCA_002269195.1_ASM226919v1_genomic.fna
6340	<i>Klebsiella pneumoniae</i>	GCA_001663455.1_ASM166345v1_genomic.fna
6341	<i>Bordetella pertussis</i>	GCA_001686545.1_ASM168654v1_genomic.fna
6342	<i>Corynebacterium pseudotuberculosis</i>	GCA_002009415.1_ASM200941v1_genomic.fna
6343	<i>Corynebacterium pseudotuberculosis</i>	GCA_002072715.1_ASM207271v1_genomic.fna
6344	<i>Flavobacterium psychrophilum</i>	GCA_001431805.1_ASM143180v1_genomic.fna
6345	<i>Bordetella pertussis</i>	GCA_001686565.1_ASM168656v1_genomic.fna
6346	<i>Klebsiella pneumoniae</i>	GCA_001675125.1_ASM167512v1_genomic.fna
6347	<i>Bacillus subtilis</i>	GCA_002290305.1_ASM229030v1_genomic.fna
6348	<i>Burkholderia pseudomallei</i>	GCA_002111025.1_ASM211102v1_genomic.fna
6349	<i>Chlamydia trachomatis</i>	GCA_001655375.1_ASM165537v1_genomic.fna
6350	<i>Legionella pneumophila</i>	GCA_900119785.1_2531STDY5467415_genomic.fna
6351	<i>Acinetobacter baumannii</i>	GCA_002082645.1_ASM208264v1_genomic.fna
6352	<i>Pseudomonas aeruginosa</i>	GCA_001721845.1_ASM172184v1_genomic.fna
6353	<i>Neisseria meningitidis</i>	GCA_001697965.1_ASM169796v1_genomic.fna
6354	<i>Helicobacter pylori</i>	GCA_000685665.1_ASM68566v1_genomic.fna
6355	<i>Mycobacterium tuberculosis</i>	GCA_002357975.1_ASM235797v1_genomic.fna

6356	<i>Escherichia coli</i>	GCA_000493755.1_ASM49375v1_genomic.fna
6357	<i>Listeria monocytogenes</i>	GCA_001188655.1_ASM118865v1_genomic.fna
6358	<i>Staphylococcus aureus</i>	GCA_000967345.1_ASM96734v1_genomic.fna
6359	<i>Campylobacter jejuni</i>	GCA_001506685.1_ASM150668v1_genomic.fna
6360	<i>Salmonella enterica</i>	GCA_000486585.2_ASM48658v2_genomic.fna
6361	<i>Salmonella enterica</i>	GCA_000486725.2_ASM48672v2_genomic.fna
6362	<i>Campylobacter jejuni</i>	GCA_001506705.1_ASM150670v1_genomic.fna
6363	<i>Staphylococcus aureus</i>	GCA_000967365.1_ASM96736v1_genomic.fna
6364	<i>Listeria monocytogenes</i>	GCA_001454845.1_ASM145484v1_genomic.fna
6365	<i>Escherichia coli</i>	GCA_000499485.1_MYMC4100_genomic.fna
6366	<i>Mycobacterium tuberculosis</i>	GCA_002446875.1_ASM244687v1_genomic.fna
6367	<i>Helicobacter pylori</i>	GCA_000685705.1_ASM68570v1_genomic.fna
6368	<i>Neisseria meningitidis</i>	GCA_001697985.1_ASM169798v1_genomic.fna
6369	<i>Pseudomonas aeruginosa</i>	GCA_001722005.2_ASM172200v2_genomic.fna
6370	<i>Acinetobacter baumannii</i>	GCA_002082685.1_ASM208268v1_genomic.fna
6371	<i>Legionella pneumophila</i>	GCA_900186855.1_48290_H02_genomic.fna
6372	<i>Chlamydia trachomatis</i>	GCA_001655415.1_ASM165541v1_genomic.fna
6373	<i>Burkholderia pseudomallei</i>	GCA_002111045.1_ASM211104v1_genomic.fna
6374	<i>Bacillus subtilis</i>	GCA_002556525.1_ASM255652v1_genomic.fna
6375	<i>Klebsiella pneumoniae</i>	GCA_001676825.1_ASM167682v1_genomic.fna
6376	<i>Bordetella pertussis</i>	GCA_001686585.1_ASM168658v1_genomic.fna
6377	<i>Flavobacterium psychrophilum</i>	GCA_001708385.1_ASM170838v1_genomic.fna
6378	<i>Corynebacterium pseudotuberculosis</i>	GCA_002155265.1_ASM215526v1_genomic.fna
6379	<i>Bordetella pertussis</i>	GCA_001686605.1_ASM168660v1_genomic.fna
6380	<i>Klebsiella pneumoniae</i>	GCA_001704235.1_ASM170423v1_genomic.fna
6381	<i>Burkholderia pseudomallei</i>	GCA_002111085.1_ASM211108v1_genomic.fna
6382	<i>Chlamydia trachomatis</i>	GCA_001655455.1_ASM165545v1_genomic.fna
6383	<i>Legionella pneumophila</i>	GCA_900186925.1_48450_B02_genomic.fna
6384	<i>Acinetobacter baumannii</i>	GCA_002082705.1_ASM208270v1_genomic.fna
6385	<i>Pseudomonas aeruginosa</i>	GCA_001722025.1_ASM172202v1_genomic.fna
6386	<i>Neisseria meningitidis</i>	GCA_001698005.1_ASM169800v1_genomic.fna
6387	<i>Helicobacter pylori</i>	GCA_000685745.1_ASM68574v1_genomic.fna
6388	<i>Mycobacterium tuberculosis</i>	GCA_002446895.1_ASM244689v1_genomic.fna
6389	<i>Escherichia coli</i>	GCA_000520035.1_ASM52003v1_genomic.fna

6390	<i>Listeria monocytogenes</i>	GCA_001454865.1_ASM145486v1_genomic.fna
6391	<i>Staphylococcus aureus</i>	GCA_000967385.1_ASM96738v1_genomic.fna
6392	<i>Campylobacter jejuni</i>	GCA_001506725.1_ASM150672v1_genomic.fna
6393	<i>Salmonella enterica</i>	GCA_000486765.2_ASM48676v2_genomic.fna
6394	<i>Campylobacter jejuni</i>	GCA_001506745.1_ASM150674v1_genomic.fna
6395	<i>Salmonella enterica</i>	GCA_000486855.2_ASM48685v2_genomic.fna
6396	<i>Staphylococcus aureus</i>	GCA_000967405.1_ASM96740v1_genomic.fna
6397	<i>Listeria monocytogenes</i>	GCA_001454885.1_ASM145488v1_genomic.fna
6398	<i>Escherichia coli</i>	GCA_000520055.1_ASM52005v1_genomic.fna
6399	<i>Mycobacterium tuberculosis</i>	GCA_002446915.1_ASM244691v1_genomic.fna
6400	<i>Helicobacter pylori</i>	GCA_000817025.1_ASM81702v1_genomic.fna
6401	<i>Neisseria meningitidis</i>	GCA_001698025.1_ASM169802v1_genomic.fna
6402	<i>Pseudomonas aeruginosa</i>	GCA_001722045.1_ASM172204v1_genomic.fna
6403	<i>Acinetobacter baumannii</i>	GCA_002082725.1_ASM208272v1_genomic.fna
6404	<i>Chlamydia trachomatis</i>	GCA_001655495.1_ASM165549v1_genomic.fna
6405	<i>Burkholderia pseudomallei</i>	GCA_002111105.1_ASM211110v1_genomic.fna
6406	<i>Klebsiella pneumoniae</i>	GCA_001705385.1_ASM170538v1_genomic.fna
6407	<i>Bordetella bronchiseptica</i>	GCA_001559055.1_ASM155905v1_genomic.fna
6408	<i>Bordetella pertussis</i>	GCA_001686625.1_ASM168662v1_genomic.fna
6409	<i>Bordetella pertussis</i>	GCA_001687385.1_ASM168738v1_genomic.fna
6410	<i>Klebsiella pneumoniae</i>	GCA_001708225.1_ASM170822v1_genomic.fna
6411	<i>Burkholderia pseudomallei</i>	GCA_002111125.1_ASM211112v1_genomic.fna
6412	<i>Chlamydia trachomatis</i>	GCA_001655535.1_ASM165553v1_genomic.fna
6413	<i>Acinetobacter baumannii</i>	GCA_002082745.1_ASM208274v1_genomic.fna
6414	<i>Pseudomonas aeruginosa</i>	GCA_001729505.1_ASM172950v1_genomic.fna
6415	<i>Neisseria meningitidis</i>	GCA_001698045.1_ASM169804v1_genomic.fna
6416	<i>Helicobacter pylori</i>	GCA_000826985.1_ASM82698v1_genomic.fna
6417	<i>Mycobacterium tuberculosis</i>	GCA_002446935.1_ASM244693v1_genomic.fna
6418	<i>Escherichia coli</i>	GCA_000597845.1_ASM59784v1_genomic.fna
6419	<i>Listeria monocytogenes</i>	GCA_001454905.1_ASM145490v1_genomic.fna
6420	<i>Staphylococcus aureus</i>	GCA_000969225.1_ASM96922v1_genomic.fna
6421	<i>Salmonella enterica</i>	GCA_000486915.2_ASM48691v2_genomic.fna
6422	<i>Campylobacter jejuni</i>	GCA_001506765.1_ASM150676v1_genomic.fna
6423	<i>Campylobacter jejuni</i>	GCA_001506785.1_ASM150678v1_genomic.fna

6424	<i>Salmonella enterica</i>	GCA_000487035.2_ASM48703v2_genomic.fna
6425	<i>Staphylococcus aureus</i>	GCA_001021875.1_ASM102187v1_genomic.fna
6426	<i>Listeria monocytogenes</i>	GCA_001454925.1_ASM145492v1_genomic.fna
6427	<i>Escherichia coli</i>	GCA_000599625.1_ASM59962v1_genomic.fna
6428	<i>Mycobacterium tuberculosis</i>	GCA_002446955.1_ASM244695v1_genomic.fna
6429	<i>Helicobacter pylori</i>	GCA_000827025.1_ASM82702v1_genomic.fna
6430	<i>Neisseria meningitidis</i>	GCA_001698065.1_ASM169806v1_genomic.fna
6431	<i>Pseudomonas aeruginosa</i>	GCA_001750705.1_ASM175070v1_genomic.fna
6432	<i>Acinetobacter baumannii</i>	GCA_002082785.1_ASM208278v1_genomic.fna
6433	<i>Chlamydia trachomatis</i>	GCA_001655575.1_ASM165557v1_genomic.fna
6434	<i>Burkholderia pseudomallei</i>	GCA_002111145.1_ASM211114v1_genomic.fna
6435	<i>Klebsiella pneumoniae</i>	GCA_001708245.1_ASM170824v1_genomic.fna
6436	<i>Bordetella pertussis</i>	GCA_001687405.1_ASM168740v1_genomic.fna
6437	<i>Bordetella pertussis</i>	GCA_001831395.1_ASM183139v1_genomic.fna
6438	<i>Klebsiella pneumoniae</i>	GCA_001709275.1_ASM170927v1_genomic.fna
6439	<i>Burkholderia pseudomallei</i>	GCA_002111165.1_ASM211116v1_genomic.fna
6440	<i>Chlamydia trachomatis</i>	GCA_001885175.1_ASM188517v1_genomic.fna
6441	<i>Acinetobacter baumannii</i>	GCA_002082805.1_ASM208280v1_genomic.fna
6442	<i>Pseudomonas aeruginosa</i>	GCA_001792835.1_ASM179283v1_genomic.fna
6443	<i>Neisseria meningitidis</i>	GCA_001698085.1_ASM169808v1_genomic.fna
6444	<i>Helicobacter pylori</i>	GCA_000828955.1_ASM82895v1_genomic.fna
6445	<i>Mycobacterium tuberculosis</i>	GCA_002446975.1_ASM244697v1_genomic.fna
6446	<i>Escherichia coli</i>	GCA_000599645.1_ASM59964v1_genomic.fna
6447	<i>Listeria monocytogenes</i>	GCA_001483405.1_ASM148340v1_genomic.fna
6448	<i>Staphylococcus aureus</i>	GCA_001021895.1_ASM102189v1_genomic.fna
6449	<i>Salmonella enterica</i>	GCA_000487155.2_ASM48715v2_genomic.fna
6450	<i>Campylobacter jejuni</i>	GCA_001506805.1_ASM150680v1_genomic.fna
6451	<i>Campylobacter jejuni</i>	GCA_001506825.1_ASM150682v1_genomic.fna
6452	<i>Salmonella enterica</i>	GCA_000487255.2_ASM48725v2_genomic.fna
6453	<i>Staphylococcus aureus</i>	GCA_001027045.1_ASM102704v1_genomic.fna
6454	<i>Listeria monocytogenes</i>	GCA_001483425.1_ASM148342v1_genomic.fna
6455	<i>Escherichia coli</i>	GCA_000599665.1_ASM59966v1_genomic.fna
6456	<i>Mycobacterium tuberculosis</i>	GCA_002446995.1_ASM244699v1_genomic.fna
6457	<i>Helicobacter pylori</i>	GCA_000829095.1_ASM82909v1_genomic.fna

6458	<i>Neisseria meningitidis</i>	GCA_001698105.1_ASM169810v1_genomic.fna
6459	<i>Pseudomonas aeruginosa</i>	GCA_001792855.1_ASM179285v1_genomic.fna
6460	<i>Acinetobacter baumannii</i>	GCA_002082825.1_ASM208282v1_genomic.fna
6461	<i>Chlamydia trachomatis</i>	GCA_002088315.1_ASM208831v1_genomic.fna
6462	<i>Burkholderia pseudomallei</i>	GCA_002111205.1_ASM211120v1_genomic.fna
6463	<i>Klebsiella pneumoniae</i>	GCA_001709295.1_ASM170929v1_genomic.fna
6464	<i>Bordetella pertussis</i>	GCA_001831415.1_ASM183141v1_genomic.fna
6465	<i>Bordetella pertussis</i>	GCA_001831435.1_ASM183143v1_genomic.fna
6466	<i>Klebsiella pneumoniae</i>	GCA_001721725.1_ASM172172v1_genomic.fna
6467	<i>Burkholderia pseudomallei</i>	GCA_002111245.1_ASM211124v1_genomic.fna
6468	<i>Chlamydia trachomatis</i>	GCA_002088335.1_ASM208833v1_genomic.fna
6469	<i>Acinetobacter baumannii</i>	GCA_002082845.1_ASM208284v1_genomic.fna
6470	<i>Pseudomonas aeruginosa</i>	GCA_001792875.1_ASM179287v1_genomic.fna
6471	<i>Neisseria meningitidis</i>	GCA_001750825.1_ASM175082v1_genomic.fna
6472	<i>Helicobacter pylori</i>	GCA_000829115.1_ASM82911v1_genomic.fna
6473	<i>Mycobacterium tuberculosis</i>	GCA_002447015.1_ASM244701v1_genomic.fna
6474	<i>Escherichia coli</i>	GCA_000599685.1_ASM59968v1_genomic.fna
6475	<i>Listeria monocytogenes</i>	GCA_001483445.1_ASM148344v1_genomic.fna
6476	<i>Staphylococcus aureus</i>	GCA_001027105.1_ASM102710v1_genomic.fna
6477	<i>Campylobacter jejuni</i>	GCA_001506845.1_ASM150684v1_genomic.fna
6478	<i>Salmonella enterica</i>	GCA_000487295.2_ASM48729v2_genomic.fna
6479	<i>Campylobacter jejuni</i>	GCA_001506865.1_ASM150686v1_genomic.fna
6480	<i>Salmonella enterica</i>	GCA_000487515.2_ASM48751v2_genomic.fna
6481	<i>Staphylococcus aureus</i>	GCA_001045795.2_ASM104579v2_genomic.fna
6482	<i>Listeria monocytogenes</i>	GCA_001513695.1_ASM151369v1_genomic.fna
6483	<i>Escherichia coli</i>	GCA_000599705.1_ASM59970v1_genomic.fna
6484	<i>Mycobacterium tuberculosis</i>	GCA_002447035.1_ASM244703v1_genomic.fna
6485	<i>Helicobacter pylori</i>	GCA_000829135.1_ASM82913v1_genomic.fna
6486	<i>Neisseria meningitidis</i>	GCA_001974965.1_ASM197496v1_genomic.fna
6487	<i>Pseudomonas aeruginosa</i>	GCA_001870265.1_ASM187026v1_genomic.fna
6488	<i>Acinetobacter baumannii</i>	GCA_002082865.1_ASM208286v1_genomic.fna
6489	<i>Chlamydia trachomatis</i>	GCA_002088355.1_ASM208835v1_genomic.fna
6490	<i>Burkholderia pseudomallei</i>	GCA_002111265.1_ASM211126v1_genomic.fna
6491	<i>Klebsiella pneumoniae</i>	GCA_001741545.1_ASM174154v1_genomic.fna

6492	<i>Bordetella pertussis</i>	GCA_001831455.1_ASM183145v1_genomic.fna
6493	<i>Bordetella pertussis</i>	GCA_001984925.1_ASM198492v1_genomic.fna
6494	<i>Klebsiella pneumoniae</i>	GCA_001741665.1_ASM174166v1_genomic.fna
6495	<i>Burkholderia pseudomallei</i>	GCA_002111305.1_ASM211130v1_genomic.fna
6496	<i>Acinetobacter baumannii</i>	GCA_002082885.1_ASM208288v1_genomic.fna
6497	<i>Pseudomonas aeruginosa</i>	GCA_001874465.1_ASM187446v1_genomic.fna
6498	<i>Neisseria meningitidis</i>	GCA_002073235.1_ASM207323v1_genomic.fna
6499	<i>Helicobacter pylori</i>	GCA_000982695.1_ASM98269v1_genomic.fna
6500	<i>Mycobacterium tuberculosis</i>	GCA_002447055.1_ASM244705v1_genomic.fna
6501	<i>Escherichia coli</i>	GCA_000662395.1_ASM66239v1_genomic.fna
6502	<i>Listeria monocytogenes</i>	GCA_001548585.1_ASM154858v1_genomic.fna
6503	<i>Staphylococcus aureus</i>	GCA_001045995.2_ASM104599v2_genomic.fna
6504	<i>Campylobacter jejuni</i>	GCA_001506885.1_ASM150688v1_genomic.fna
6505	<i>Salmonella enterica</i>	GCA_000487575.2_ASM48757v2_genomic.fna
6506	<i>Salmonella enterica</i>	GCA_000487615.2_ASM48761v2_genomic.fna
6507	<i>Campylobacter jejuni</i>	GCA_001506905.1_ASM150690v1_genomic.fna
6508	<i>Staphylococcus aureus</i>	GCA_001046095.2_ASM104609v2_genomic.fna
6509	<i>Listeria monocytogenes</i>	GCA_001548635.1_ASM154863v1_genomic.fna
6510	<i>Escherichia coli</i>	GCA_000671295.1_ASM67129v1_genomic.fna
6511	<i>Mycobacterium tuberculosis</i>	GCA_002447075.1_ASM244707v1_genomic.fna
6512	<i>Helicobacter pylori</i>	GCA_001433495.1_ASM143349v1_genomic.fna
6513	<i>Neisseria meningitidis</i>	GCA_002073275.1_ASM207327v1_genomic.fna
6514	<i>Pseudomonas aeruginosa</i>	GCA_001879525.1_ASM187952v1_genomic.fna
6515	<i>Acinetobacter baumannii</i>	GCA_002116925.1_ASM211692v1_genomic.fna
6516	<i>Burkholderia pseudomallei</i>	GCA_002111325.1_ASM211132v1_genomic.fna
6517	<i>Ralstonia solanacearum</i>	GCA_001267515.1_ASM126751v1_genomic.fna
6518	<i>Klebsiella pneumoniae</i>	GCA_001746535.1_ASM174653v1_genomic.fna
6519	<i>Bordetella pertussis</i>	GCA_001984945.1_ASM198494v1_genomic.fna
6520	<i>Bordetella pertussis</i>	GCA_001984965.1_ASM198496v1_genomic.fna
6521	<i>Klebsiella pneumoniae</i>	GCA_001750805.1_ASM175080v1_genomic.fna
6522	<i>Burkholderia pseudomallei</i>	GCA_002111345.1_ASM211134v1_genomic.fna
6523	<i>Acinetobacter baumannii</i>	GCA_002210065.1_ASM221006v1_genomic.fna
6524	<i>Pseudomonas aeruginosa</i>	GCA_001900195.1_ASM190019v1_genomic.fna
6525	<i>Neisseria meningitidis</i>	GCA_002073555.1_ASM207355v1_genomic.fna

6526	<i>Helicobacter pylori</i>	GCA_001433515.1_ASM143351v1_genomic.fna
6527	<i>Mycobacterium tuberculosis</i>	GCA_002447095.1_ASM244709v1_genomic.fna
6528	<i>Escherichia coli</i>	GCA_000714595.1_ASM71459v1_genomic.fna
6529	<i>Listeria monocytogenes</i>	GCA_001551855.1_ASM155185v1_genomic.fna
6530	<i>Staphylococcus aureus</i>	GCA_001183705.1_ASM118370v1_genomic.fna
6531	<i>Campylobacter jejuni</i>	GCA_001506925.1_ASM150692v1_genomic.fna
6532	<i>Salmonella enterica</i>	GCA_000487775.2_ASM48777v2_genomic.fna
6533	<i>Campylobacter jejuni</i>	GCA_001506945.1_ASM150694v1_genomic.fna
6534	<i>Salmonella enterica</i>	GCA_000487915.2_ASM48791v2_genomic.fna
6535	<i>Staphylococcus aureus</i>	GCA_001183725.1_ASM118372v1_genomic.fna
6536	<i>Listeria monocytogenes</i>	GCA_001596775.2_ASM159677v2_genomic.fna
6537	<i>Escherichia coli</i>	GCA_000725265.1_ASM72526v1_genomic.fna
6538	<i>Mycobacterium tuberculosis</i>	GCA_002447115.1_ASM244711v1_genomic.fna
6539	<i>Helicobacter pylori</i>	GCA_001549715.1_ASM154971v1_genomic.fna
6540	<i>Neisseria meningitidis</i>	GCA_002073575.1_ASM207357v1_genomic.fna
6541	<i>Pseudomonas aeruginosa</i>	GCA_001900225.1_ASM190022v1_genomic.fna
6542	<i>Acinetobacter baumannii</i>	GCA_002504145.1_ASM250414v1_genomic.fna
6543	<i>Burkholderia pseudomallei</i>	GCA_002111365.1_ASM211136v1_genomic.fna
6544	<i>Klebsiella pneumoniae</i>	GCA_001855315.1_ASM185531v1_genomic.fna
6545	<i>Bordetella pertussis</i>	GCA_001984985.1_ASM198498v1_genomic.fna
6546	<i>Bordetella pertussis</i>	GCA_001985005.1_ASM198500v1_genomic.fna
6547	<i>Klebsiella pneumoniae</i>	GCA_001870165.1_ASM187016v1_genomic.fna
6548	<i>Burkholderia pseudomallei</i>	GCA_002111385.1_ASM211138v1_genomic.fna
6549	<i>Acinetobacter baumannii</i>	GCA_900088705.1_26872B01_genomic.fna
6550	<i>Pseudomonas aeruginosa</i>	GCA_001900265.1_ASM190026v1_genomic.fna
6551	<i>Neisseria meningitidis</i>	GCA_002073595.1_ASM207359v1_genomic.fna
6552	<i>Helicobacter pylori</i>	GCA_001653375.1_ASM165337v1_genomic.fna
6553	<i>Mycobacterium tuberculosis</i>	GCA_002447135.1_ASM244713v1_genomic.fna
6554	<i>Escherichia coli</i>	GCA_000725305.1_ASM72530v1_genomic.fna
6555	<i>Listeria monocytogenes</i>	GCA_001644625.1_ASM164462v1_genomic.fna
6556	<i>Staphylococcus aureus</i>	GCA_001278745.1_ASM127874v1_genomic.fna
6557	<i>Campylobacter jejuni</i>	GCA_001506965.1_ASM150696v1_genomic.fna
6558	<i>Salmonella enterica</i>	GCA_000487935.2_ASM48793v2_genomic.fna
6559	<i>Salmonella enterica</i>	GCA_000493535.2_DT2_genomic.fna

6560	<i>Campylobacter jejuni</i>	GCA_001506985.1_ASM150698v1_genomic.fna
6561	<i>Staphylococcus aureus</i>	GCA_001281145.1_ASM128114v1_genomic.fna
6562	<i>Listeria monocytogenes</i>	GCA_001908335.1_ASM190833v1_genomic.fna
6563	<i>Escherichia coli</i>	GCA_000730345.1_ASM73034v1_genomic.fna
6564	<i>Mycobacterium tuberculosis</i>	GCA_002447155.1_ASM244715v1_genomic.fna
6565	<i>Helicobacter pylori</i>	GCA_001653395.1_ASM165339v1_genomic.fna
6566	<i>Neisseria meningitidis</i>	GCA_002073675.1_ASM207367v1_genomic.fna
6567	<i>Pseudomonas aeruginosa</i>	GCA_002075065.1_ASM207506v1_genomic.fna
6568	<i>Klebsiella pneumoniae</i>	GCA_001885255.2_ASM188525v2_genomic.fna
6569	<i>Bordetella pertussis</i>	GCA_001985025.1_ASM198502v1_genomic.fna
6570	<i>Bordetella pertussis</i>	GCA_001985045.1_ASM198504v1_genomic.fna
6571	<i>Klebsiella pneumoniae</i>	GCA_001902195.1_ASM190219v1_genomic.fna
6572	<i>Pseudomonas aeruginosa</i>	GCA_002085605.1_ASM208560v1_genomic.fna
6573	<i>Neisseria meningitidis</i>	GCA_002075815.1_ASM207581v1_genomic.fna
6574	<i>Helicobacter pylori</i>	GCA_001653415.1_ASM165341v1_genomic.fna
6575	<i>Mycobacterium tuberculosis</i>	GCA_002447175.1_ASM244717v1_genomic.fna
6576	<i>Escherichia coli</i>	GCA_000732965.1_ASM73296v1_genomic.fna
6577	<i>Listeria monocytogenes</i>	GCA_001913195.1_ASM191319v1_genomic.fna
6578	<i>Staphylococcus aureus</i>	GCA_001296985.1_ASM129698v1_genomic.fna
6579	<i>Campylobacter jejuni</i>	GCA_001507005.1_ASM150700v1_genomic.fna
6580	<i>Salmonella enterica</i>	GCA_000493675.1_DT104_genomic.fna
6581	<i>Campylobacter jejuni</i>	GCA_001507025.1_ASM150702v1_genomic.fna
6582	<i>Salmonella enterica</i>	GCA_000494385.2_ASM49438v2_genomic.fna
6583	<i>Staphylococcus aureus</i>	GCA_001298325.2_ASM129832v2_genomic.fna
6584	<i>Listeria monocytogenes</i>	GCA_001952735.1_ASM195273v1_genomic.fna
6585	<i>Escherichia coli</i>	GCA_000743255.1_ASM74325v1_genomic.fna
6586	<i>Mycobacterium tuberculosis</i>	GCA_002447195.1_ASM244719v1_genomic.fna
6587	<i>Helicobacter pylori</i>	GCA_001653435.1_ASM165343v1_genomic.fna
6588	<i>Neisseria meningitidis</i>	GCA_002556585.1_ASM255658v1_genomic.fna
6589	<i>Pseudomonas putida</i>	GCA_000281215.1_ASM28121v1_genomic.fna
6590	<i>Pseudomonas aeruginosa</i>	GCA_002085755.1_ASM208575v1_genomic.fna
6591	<i>Klebsiella pneumoniae</i>	GCA_001902215.1_ASM190221v1_genomic.fna
6592	<i>Bordetella pertussis</i>	GCA_001985065.1_ASM198506v1_genomic.fna
6593	<i>Bordetella pertussis</i>	GCA_001985085.1_ASM198508v1_genomic.fna

6594	<i>Klebsiella pneumoniae</i>	GCA_001902235.1_ASM190223v1_genomic.fna
6595	<i>Pseudomonas aeruginosa</i>	GCA_002104595.1_ASM210459v1_genomic.fna
6596	<i>Helicobacter pylori</i>	GCA_001653455.1_ASM165345v1_genomic.fna
6597	<i>Mycobacterium tuberculosis</i>	GCA_002447215.1_ASM244721v1_genomic.fna
6598	<i>Escherichia coli</i>	GCA_000750555.1_ASM75055v1_genomic.fna
6599	<i>Listeria monocytogenes</i>	GCA_001952755.1_ASM195275v1_genomic.fna
6600	<i>Staphylococcus aureus</i>	GCA_001307235.1_ASM130723v1_genomic.fna
6601	<i>Campylobacter jejuni</i>	GCA_001507045.1_ASM150704v1_genomic.fna
6602	<i>Salmonella enterica</i>	GCA_000503845.1_ASM50384v1_genomic.fna
6603	<i>Campylobacter jejuni</i>	GCA_001507065.1_ASM150706v1_genomic.fna
6604	<i>Salmonella enterica</i>	GCA_000505365.2_ASM50536v2_genomic.fna
6605	<i>Staphylococcus aureus</i>	GCA_001444345.1_ASM144434v1_genomic.fna
6606	<i>Listeria monocytogenes</i>	GCA_001952775.1_ASM195277v1_genomic.fna
6607	<i>Escherichia coli</i>	GCA_000784925.1_ASM78492v1_genomic.fna
6608	<i>Mycobacterium tuberculosis</i>	GCA_002447235.1_ASM244723v1_genomic.fna
6609	<i>Helicobacter pylori</i>	GCA_001653475.1_ASM165347v1_genomic.fna
6610	<i>Pseudomonas aeruginosa</i>	GCA_002104615.1_ASM210461v1_genomic.fna
6611	<i>Klebsiella pneumoniae</i>	GCA_001902255.1_ASM190225v1_genomic.fna
6612	<i>Bordetella pertussis</i>	GCA_001985105.1_ASM198510v1_genomic.fna
6613	<i>Bordetella pertussis</i>	GCA_001985125.1_ASM198512v1_genomic.fna
6614	<i>Klebsiella pneumoniae</i>	GCA_001902335.1_ASM190233v1_genomic.fna
6615	<i>Pseudomonas aeruginosa</i>	GCA_002192475.1_ASM219247v1_genomic.fna
6616	<i>Helicobacter pylori</i>	GCA_001991095.1_ASM199109v1_genomic.fna
6617	<i>Mycobacterium tuberculosis</i>	GCA_002447255.1_ASM244725v1_genomic.fna
6618	<i>Escherichia coli</i>	GCA_000800215.1_ASM80021v1_genomic.fna
6619	<i>Listeria monocytogenes</i>	GCA_001952795.1_ASM195279v1_genomic.fna
6620	<i>Staphylococcus aureus</i>	GCA_001456215.1_ASM145621v1_genomic.fna
6621	<i>Campylobacter jejuni</i>	GCA_001507085.1_ASM150708v1_genomic.fna
6622	<i>Salmonella enterica</i>	GCA_000505705.1_ASM50570v1_genomic.fna
6623	<i>Salmonella enterica</i>	GCA_000612325.1_ASM61232v1_genomic.fna
6624	<i>Campylobacter jejuni</i>	GCA_001507105.1_ASM150710v1_genomic.fna
6625	<i>Staphylococcus aureus</i>	GCA_001457495.1_NCTC13435_genomic.fna
6626	<i>Listeria monocytogenes</i>	GCA_001998915.1_ASM199891v1_genomic.fna
6627	<i>Escherichia coli</i>	GCA_000800765.1_ASM80076v1_genomic.fna

6628	<i>Mycobacterium tuberculosis</i>	GCA_002447275.1_ASM244727v1_genomic.fna
6629	<i>Helicobacter pylori</i>	GCA_002005525.1_ASM200552v1_genomic.fna
6630	<i>Pseudomonas aeruginosa</i>	GCA_002192495.1_ASM219249v1_genomic.fna
6631	<i>Klebsiella pneumoniae</i>	GCA_001902355.1_ASM190235v1_genomic.fna
6632	<i>Bordetella pertussis</i>	GCA_001985145.1_ASM198514v1_genomic.fna
6633	<i>Bordetella pertussis</i>	GCA_001985165.1_ASM198516v1_genomic.fna
6634	<i>Klebsiella pneumoniae</i>	GCA_001902395.1_ASM190239v1_genomic.fna
6635	<i>Pseudomonas aeruginosa</i>	GCA_002205335.1_ASM220533v1_genomic.fna
6636	<i>Helicobacter pylori</i>	GCA_002222575.1_ASM222257v1_genomic.fna
6637	<i>Mycobacterium tuberculosis</i>	GCA_002447295.1_ASM244729v1_genomic.fna
6638	<i>Escherichia coli</i>	GCA_000800845.2_ASM80084v2_genomic.fna
6639	<i>Listeria monocytogenes</i>	GCA_001998945.1_ASM199894v1_genomic.fna
6640	<i>Staphylococcus aureus</i>	GCA_001465635.1_ASM146563v1_genomic.fna
6641	<i>Campylobacter jejuni</i>	GCA_001507125.1_ASM150712v1_genomic.fna
6642	<i>Salmonella enterica</i>	GCA_000623055.2_ASM62305v2_genomic.fna
6643	<i>Campylobacter jejuni</i>	GCA_001507145.1_ASM150714v1_genomic.fna
6644	<i>Salmonella enterica</i>	GCA_000623095.2_ASM62309v2_genomic.fna
6645	<i>Staphylococcus aureus</i>	GCA_001465675.1_ASM146567v1_genomic.fna
6646	<i>Listeria monocytogenes</i>	GCA_001998985.1_ASM199898v1_genomic.fna
6647	<i>Mycobacterium tuberculosis</i>	GCA_002447315.1_ASM244731v1_genomic.fna
6648	<i>Escherichia coli</i>	GCA_000801165.1_ASM80116v1_genomic.fna
6649	<i>Helicobacter pylori</i>	GCA_002356595.1_ASM235659v1_genomic.fna
6650	<i>Pseudomonas aeruginosa</i>	GCA_002205355.1_ASM220535v1_genomic.fna
6651	<i>Klebsiella pneumoniae</i>	GCA_001902415.1_ASM190241v1_genomic.fna
6652	<i>Bordetella pertussis</i>	GCA_001985205.1_ASM198520v1_genomic.fna
6653	<i>Bordetella pertussis</i>	GCA_001985225.1_ASM198522v1_genomic.fna
6654	<i>Klebsiella pneumoniae</i>	GCA_001902435.1_ASM190243v1_genomic.fna
6655	<i>Pseudomonas aeruginosa</i>	GCA_002205375.1_ASM220537v1_genomic.fna
6656	<i>Helicobacter pylori</i>	GCA_900119955.1_HE171_09_genomic.fna
6657	<i>Escherichia coli</i>	GCA_000801185.2_ASM80118v2_genomic.fna
6658	<i>Mycobacterium tuberculosis</i>	GCA_002447335.1_ASM244733v1_genomic.fna
6659	<i>Listeria monocytogenes</i>	GCA_001999005.1_ASM199900v1_genomic.fna
6660	<i>Staphylococcus aureus</i>	GCA_001465755.1_ASM146575v1_genomic.fna
6661	<i>Salmonella enterica</i>	GCA_000623115.2_ASM62311v2_genomic.fna

6662	Campylobacter jejuni	GCA_001507165.1_ASM150716v1_genomic.fna
6663	Campylobacter jejuni	GCA_001507185.1_ASM150718v1_genomic.fna
6664	Salmonella enterica	GCA_000623135.2_ASM62313v2_genomic.fna
6665	Staphylococcus aureus	GCA_001515665.1_ASM151566v1_genomic.fna
6666	Listeria monocytogenes	GCA_001999025.1_ASM199902v1_genomic.fna
6667	Mycobacterium tuberculosis	GCA_002447355.1_ASM244735v1_genomic.fna
6668	Escherichia coli	GCA_000801205.1_ASM80120v1_genomic.fna
6669	Helicobacter pylori	GCA_900119995.1_HE143_09_genomic.fna
6670	Pseudomonas aeruginosa	GCA_002208645.1_ASM220864v1_genomic.fna
6671	Klebsiella pneumoniae	GCA_001902475.1_ASM190247v1_genomic.fna
6672	Bordetella pertussis	GCA_001985245.1_ASM198524v1_genomic.fna
6673	Bacillus velezensis	GCA_001634675.1_ASM163467v1_genomic.fna
6674	Bordetella pertussis	GCA_001985265.1_ASM198526v1_genomic.fna
6675	Klebsiella pneumoniae	GCA_001902515.1_ASM190251v1_genomic.fna
6676	Pseudomonas aeruginosa	GCA_002215345.1_ASM221534v1_genomic.fna
6677	Helicobacter pylori	GCA_900120055.1_HE178_09_genomic.fna
6678	Escherichia coli	GCA_000803705.1_ASM80370v1_genomic.fna
6679	Mycobacterium tuberculosis	GCA_002447375.1_ASM244737v1_genomic.fna
6680	Listeria monocytogenes	GCA_001999045.1_ASM199904v1_genomic.fna
6681	Staphylococcus aureus	GCA_001515685.1_ASM151568v1_genomic.fna
6682	Campylobacter jejuni	GCA_001507205.1_ASM150720v1_genomic.fna
6683	Salmonella enterica	GCA_000623195.2_ASM62319v2_genomic.fna
6684	Salmonella enterica	GCA_000623275.1_ASM62327v1_genomic.fna
6685	Campylobacter jejuni	GCA_001507225.1_ASM150722v1_genomic.fna
6686	Staphylococcus aureus	GCA_001515705.1_ASM151570v1_genomic.fna
6687	Listeria monocytogenes	GCA_001999065.1_ASM199906v1_genomic.fna
6688	Mycobacterium tuberculosis	GCA_002447395.1_ASM244739v1_genomic.fna
6689	Escherichia coli	GCA_000813165.1_ASM81316v1_genomic.fna
6690	Helicobacter pylori	GCA_900120135.1_HE132_09_genomic.fna
6691	Pseudomonas aeruginosa	GCA_002223805.1_ASM222380v1_genomic.fna
6692	Klebsiella pneumoniae	GCA_001902535.1_ASM190253v1_genomic.fna
6693	Bordetella pertussis	GCA_001985285.1_ASM198528v1_genomic.fna
6694	Bacillus velezensis	GCA_002201935.1_ASM220193v1_genomic.fna
6695	Bacillus velezensis	GCA_002201975.1_ASM220197v1_genomic.fna

6696	<i>Bordetella pertussis</i>	GCA_001985305.1_ASM198530v1_genomic.fna
6697	<i>Klebsiella pneumoniae</i>	GCA_001908515.1_ASM190851v1_genomic.fna
6698	<i>Pseudomonas aeruginosa</i>	GCA_002237405.1_ASM223740v1_genomic.fna
6699	<i>Helicobacter pylori</i>	GCA_900120185.1_HE134_09_genomic.fna
6700	<i>Escherichia coli</i>	GCA_000814145.2_ASM81414v2_genomic.fna
6701	<i>Mycobacterium tuberculosis</i>	GCA_002447415.1_ASM244741v1_genomic.fna
6702	<i>Listeria monocytogenes</i>	GCA_001999085.1_ASM199908v1_genomic.fna
6703	<i>Staphylococcus aureus</i>	GCA_001515745.1_ASM151574v1_genomic.fna
6704	<i>Campylobacter jejuni</i>	GCA_001507245.1_ASM150724v1_genomic.fna
6705	<i>Salmonella enterica</i>	GCA_000623295.1_ASM62329v1_genomic.fna
6706	<i>Salmonella enterica</i>	GCA_000623315.1_ASM62331v1_genomic.fna
6707	<i>Campylobacter jejuni</i>	GCA_001507265.1_ASM150726v1_genomic.fna
6708	<i>Staphylococcus aureus</i>	GCA_001515765.1_ASM151576v1_genomic.fna
6709	<i>Listeria monocytogenes</i>	GCA_001999105.1_ASM199910v1_genomic.fna
6710	<i>Mycobacterium tuberculosis</i>	GCA_002447435.1_ASM244743v1_genomic.fna
6711	<i>Escherichia coli</i>	GCA_000819645.1_ASM81964v1_genomic.fna
6712	<i>Helicobacter pylori</i>	GCA_900120205.1_HE141_09_genomic.fna
6713	<i>Pseudomonas aeruginosa</i>	GCA_002237425.1_ASM223742v1_genomic.fna
6714	<i>Klebsiella pneumoniae</i>	GCA_001908595.1_ASM190859v1_genomic.fna
6715	<i>Bordetella pertussis</i>	GCA_001985325.1_ASM198532v1_genomic.fna
6716	<i>Bordetella pertussis</i>	GCA_001985345.1_ASM198534v1_genomic.fna
6717	<i>Klebsiella pneumoniae</i>	GCA_001908625.1_ASM190862v1_genomic.fna
6718	<i>Pseudomonas aeruginosa</i>	GCA_002442855.1_ASM244285v1_genomic.fna
6719	<i>Helicobacter pylori</i>	GCA_900120225.1_HE136_09_genomic.fna
6720	<i>Escherichia coli</i>	GCA_000827105.1_ASM82710v1_genomic.fna
6721	<i>Mycobacterium tuberculosis</i>	GCA_002447455.1_ASM244745v1_genomic.fna
6722	<i>Listeria monocytogenes</i>	GCA_001999125.1_ASM199912v1_genomic.fna
6723	<i>Staphylococcus aureus</i>	GCA_001548295.1_ASM154829v1_genomic.fna
6724	<i>Campylobacter jejuni</i>	GCA_001563565.1_ASM156356v1_genomic.fna
6725	<i>Salmonella enterica</i>	GCA_000623335.1_ASM62333v1_genomic.fna
6726	<i>Salmonella enterica</i>	GCA_000623355.1_ASM62335v1_genomic.fna
6727	<i>Campylobacter jejuni</i>	GCA_001587015.1_ASM158701v1_genomic.fna
6728	<i>Staphylococcus aureus</i>	GCA_001548415.1_ASM154841v1_genomic.fna
6729	<i>Listeria monocytogenes</i>	GCA_001999145.1_ASM199914v1_genomic.fna

6730	<i>Mycobacterium tuberculosis</i>	GCA_002447475.1_ASM244747v1_genomic.fna
6731	<i>Escherichia coli</i>	GCA_000829985.1_ASM82998v1_genomic.fna
6732	<i>Helicobacter pylori</i>	GCA_900120255.1_HE101_09_genomic.fna
6733	<i>Pseudomonas aeruginosa</i>	GCA_900069025.1_ASM90006902v1_genomic.fna
6734	<i>Klebsiella pneumoniae</i>	GCA_001908655.1_ASM190865v1_genomic.fna
6735	<i>Bordetella pertussis</i>	GCA_001985365.1_ASM198536v1_genomic.fna
6736	<i>Bordetella pertussis</i>	GCA_001985385.1_ASM198538v1_genomic.fna
6737	<i>Klebsiella pneumoniae</i>	GCA_001908675.1_ASM190867v1_genomic.fna
6738	<i>Pseudomonas aeruginosa</i>	GCA_900070375.1_PAO1OR_genomic.fna
6739	<i>Helicobacter pylori</i>	GCA_900120275.1_HE142_09_genomic.fna
6740	<i>Mycobacterium bovis</i>	GCA_001544735.1_ASM154473v1_genomic.fna
6741	<i>Escherichia coli</i>	GCA_000830035.1_ASM83003v1_genomic.fna
6742	<i>Mycobacterium tuberculosis</i>	GCA_002447495.1_ASM244749v1_genomic.fna
6743	<i>Listeria monocytogenes</i>	GCA_001999165.1_ASM199916v1_genomic.fna
6744	<i>Staphylococcus aureus</i>	GCA_001549655.1_ASM154965v1_genomic.fna
6745	<i>Campylobacter jejuni</i>	GCA_001587035.1_ASM158703v1_genomic.fna
6746	<i>Salmonella enterica</i>	GCA_000623375.1_ASM62337v1_genomic.fna
6747	<i>Campylobacter jejuni</i>	GCA_001686905.1_ASM168690v1_genomic.fna
6748	<i>Salmonella enterica</i>	GCA_000623395.2_ASM62339v2_genomic.fna
6749	<i>Staphylococcus aureus</i>	GCA_001549675.1_ASM154967v1_genomic.fna
6750	<i>Listeria monocytogenes</i>	GCA_002043045.1_ASM204304v1_genomic.fna
6751	<i>Mycobacterium tuberculosis</i>	GCA_002447515.1_ASM244751v1_genomic.fna
6752	<i>Escherichia coli</i>	GCA_000831565.1_ASM83156v1_genomic.fna
6753	<i>Mycobacterium bovis</i>	GCA_001544775.1_ASM154477v1_genomic.fna
6754	<i>Helicobacter pylori</i>	GCA_900120315.1_HE170_09_genomic.fna
6755	<i>Pseudomonas aeruginosa</i>	GCA_900095805.1_PA14Or_genomic.fna
6756	<i>Klebsiella pneumoniae</i>	GCA_001908695.1_ASM190869v1_genomic.fna
6757	<i>Bordetella pertussis</i>	GCA_001985405.1_ASM198540v1_genomic.fna
6758	<i>Bordetella pertussis</i>	GCA_001985425.1_ASM198542v1_genomic.fna
6759	<i>Klebsiella pneumoniae</i>	GCA_001908715.1_ASM190871v1_genomic.fna
6760	<i>Pseudomonas aeruginosa</i>	GCA_900149285.1_PcyII-10_genomic.fna
6761	<i>Helicobacter pylori</i>	GCA_900120335.1_HE147_09_genomic.fna
6762	<i>Escherichia coli</i>	GCA_000833145.1_ASM83314v1_genomic.fna
6763	<i>Mycobacterium tuberculosis</i>	GCA_002447535.1_ASM244753v1_genomic.fna

6764	<i>Listeria monocytogenes</i>	GCA_002101275.1_ASM210127v1_genomic.fna
6765	<i>Staphylococcus aureus</i>	GCA_001558795.1_ASM155879v1_genomic.fna
6766	<i>Salmonella enterica</i>	GCA_000623455.2_ASM62345v2_genomic.fna
6767	<i>Campylobacter jejuni</i>	GCA_001717625.1_ASM171762v1_genomic.fna
6768	<i>Campylobacter jejuni</i>	GCA_001721945.1_ASM172194v1_genomic.fna
6769	<i>Salmonella enterica</i>	GCA_000623475.2_ASM62347v2_genomic.fna
6770	<i>Staphylococcus aureus</i>	GCA_001580495.1_ASM158049v1_genomic.fna
6771	<i>Listeria monocytogenes</i>	GCA_002105615.1_ASM210561v1_genomic.fna
6772	<i>Mycobacterium tuberculosis</i>	GCA_002447555.1_ASM244755v1_genomic.fna
6773	<i>Helicobacter pylori</i>	GCA_900149805.1_BCM-300_genomic.fna
6774	<i>Escherichia coli</i>	GCA_000833635.2_ASM83363v2_genomic.fna
6775	<i>Pseudomonas aeruginosa</i>	GCA_900185255.1_NN2_genomic.fna
6776	<i>Klebsiella pneumoniae</i>	GCA_001908875.1_ASM190887v1_genomic.fna
6777	<i>Bordetella pertussis</i>	GCA_001985445.1_ASM198544v1_genomic.fna
6778	<i>Bordetella pertussis</i>	GCA_001985465.1_ASM198546v1_genomic.fna
6779	<i>Klebsiella pneumoniae</i>	GCA_001908895.1_ASM190889v1_genomic.fna
6780	<i>Helicobacter pylori</i>	GCA_900176185.1_HE93_10_genomic.fna
6781	<i>Mycobacterium tuberculosis</i>	GCA_002447575.1_ASM244757v1_genomic.fna
6782	<i>Escherichia coli</i>	GCA_000931565.1_ASM93156v1_genomic.fna
6783	<i>Listeria monocytogenes</i>	GCA_002105635.1_ASM210563v1_genomic.fna
6784	<i>Staphylococcus aureus</i>	GCA_001580515.1_ASM158051v1_genomic.fna
6785	<i>Salmonella enterica</i>	GCA_000623615.2_ASM62361v2_genomic.fna
6786	<i>Campylobacter jejuni</i>	GCA_001721965.1_ASM172196v1_genomic.fna
6787	<i>Campylobacter jejuni</i>	GCA_001721985.1_ASM172198v1_genomic.fna
6788	<i>Salmonella enterica</i>	GCA_000623655.2_ASM62365v2_genomic.fna
6789	<i>Staphylococcus aureus</i>	GCA_001594205.1_ASM159420v1_genomic.fna
6790	<i>Listeria monocytogenes</i>	GCA_002105655.1_ASM210565v1_genomic.fna
6791	<i>Escherichia coli</i>	GCA_000952955.1_EcRV308Chr_genomic.fna
6792	<i>Mycobacterium tuberculosis</i>	GCA_002447595.1_ASM244759v1_genomic.fna
6793	<i>Klebsiella pneumoniae</i>	GCA_001913175.1_ASM191317v1_genomic.fna
6794	<i>Bordetella pertussis</i>	GCA_001985485.1_ASM198548v1_genomic.fna
6795	<i>Bordetella pertussis</i>	GCA_001985505.1_ASM198550v1_genomic.fna
6796	<i>Klebsiella pneumoniae</i>	GCA_001922465.1_ASM192246v1_genomic.fna
6797	<i>Mycobacterium tuberculosis</i>	GCA_002447615.1_ASM244761v1_genomic.fna

6798	<i>Escherichia coli</i>	GCA_000953515.1_EcHMS174Chr_genomic.fna
6799	<i>Listeria monocytogenes</i>	GCA_002105675.1_ASM210567v1_genomic.fna
6800	<i>Staphylococcus aureus</i>	GCA_001611325.1_ASM161132v1_genomic.fna
6801	<i>Salmonella enterica</i>	GCA_000623675.2_ASM62367v2_genomic.fna
6802	<i>Campylobacter jejuni</i>	GCA_001767215.1_ASM176721v1_genomic.fna
6803	<i>Campylobacter jejuni</i>	GCA_001865395.1_ASM186539v1_genomic.fna
6804	<i>Salmonella enterica</i>	GCA_000623715.2_ASM62371v2_genomic.fna
6805	<i>Staphylococcus aureus</i>	GCA_001611345.1_ASM161134v1_genomic.fna
6806	<i>Listeria monocytogenes</i>	GCA_002105695.1_ASM210569v1_genomic.fna
6807	<i>Mycobacterium tuberculosis</i>	GCA_002447635.1_ASM244763v1_genomic.fna
6808	<i>Escherichia coli</i>	GCA_000967155.1_HUSEC2011CHR1_genomic.fna
6809	<i>Klebsiella pneumoniae</i>	GCA_001936035.1_ASM193603v1_genomic.fna
6810	<i>Bordetella pertussis</i>	GCA_001985525.1_ASM198552v1_genomic.fna
6811	<i>Bordetella pertussis</i>	GCA_001985545.1_ASM198554v1_genomic.fna
6812	<i>Klebsiella pneumoniae</i>	GCA_001952835.1_ASM195283v1_genomic.fna
6813	<i>Mycobacterium tuberculosis</i>	GCA_002447655.1_ASM244765v1_genomic.fna
6814	<i>Escherichia coli</i>	GCA_000968515.1_ASM96851v1_genomic.fna
6815	<i>Listeria monocytogenes</i>	GCA_002105715.1_ASM210571v1_genomic.fna
6816	<i>Staphylococcus aureus</i>	GCA_001611365.1_ASM161136v1_genomic.fna
6817	<i>Salmonella enterica</i>	GCA_000623735.2_ASM62373v2_genomic.fna
6818	<i>Campylobacter jejuni</i>	GCA_001865415.1_ASM186541v1_genomic.fna
6819	<i>Campylobacter jejuni</i>	GCA_001865435.1_ASM186543v1_genomic.fna
6820	<i>Salmonella enterica</i>	GCA_000624055.2_ASM62405v2_genomic.fna
6821	<i>Staphylococcus aureus</i>	GCA_001611385.1_ASM161138v1_genomic.fna
6822	<i>Listeria monocytogenes</i>	GCA_002208215.1_ASM220821v1_genomic.fna
6823	<i>Escherichia coli</i>	GCA_000971615.1_ASM97161v1_genomic.fna
6824	<i>Mycobacterium tuberculosis</i>	GCA_002447675.1_ASM244767v1_genomic.fna
6825	<i>Klebsiella pneumoniae</i>	GCA_001952875.1_ASM195287v1_genomic.fna
6826	<i>Bordetella pertussis</i>	GCA_001985565.1_ASM198556v1_genomic.fna
6827	<i>Bordetella pertussis</i>	GCA_001985585.1_ASM198558v1_genomic.fna
6828	<i>Klebsiella pneumoniae</i>	GCA_001952895.1_ASM195289v1_genomic.fna
6829	<i>Mycobacterium tuberculosis</i>	GCA_002447695.1_ASM244769v1_genomic.fna
6830	<i>Escherichia coli</i>	GCA_000974405.1_ASM97440v1_genomic.fna
6831	<i>Listeria monocytogenes</i>	GCA_002213505.1_ASM221350v1_genomic.fna

6832	<i>Staphylococcus aureus</i>	GCA_001611405.1_ASM161140v1_genomic.fna
6833	<i>Campylobacter jejuni</i>	GCA_001865595.1_ASM186559v1_genomic.fna
6834	<i>Salmonella enterica</i>	GCA_000624155.1_ASM62415v1_genomic.fna
6835	<i>Campylobacter jejuni</i>	GCA_001865615.1_ASM186561v1_genomic.fna
6836	<i>Salmonella enterica</i>	GCA_000624175.2_ASM62417v2_genomic.fna
6837	<i>Staphylococcus aureus</i>	GCA_001611425.1_ASM161142v1_genomic.fna
6838	<i>Listeria monocytogenes</i>	GCA_002213545.1_ASM221354v1_genomic.fna
6839	<i>Escherichia coli</i>	GCA_000974465.1_ASM97446v1_genomic.fna
6840	<i>Mycobacterium tuberculosis</i>	GCA_002447715.1_ASM244771v1_genomic.fna
6841	<i>Klebsiella pneumoniae</i>	GCA_001952915.1_ASM195291v1_genomic.fna
6842	<i>Bordetella pertussis</i>	GCA_001985605.1_ASM198560v1_genomic.fna
6843	<i>Bordetella pertussis</i>	GCA_001985625.1_ASM198562v1_genomic.fna
6844	<i>Klebsiella pneumoniae</i>	GCA_001956965.1_ASM195696v1_genomic.fna
6845	<i>Xanthomonas citri</i>	GCA_002240395.1_ASM224039v1_genomic.fna
6846	<i>Mycobacterium tuberculosis</i>	GCA_002447735.1_ASM244773v1_genomic.fna
6847	<i>Escherichia coli</i>	GCA_000974505.1_ASM97450v1_genomic.fna
6848	<i>Listeria monocytogenes</i>	GCA_002213565.1_ASM221356v1_genomic.fna
6849	<i>Staphylococcus aureus</i>	GCA_001618305.1_ASM161830v1_genomic.fna
6850	<i>Campylobacter jejuni</i>	GCA_001870085.1_ASM187008v1_genomic.fna
6851	<i>Salmonella enterica</i>	GCA_000624395.2_ASM62439v2_genomic.fna
6852	<i>Campylobacter jejuni</i>	GCA_001870105.1_ASM187010v1_genomic.fna
6853	<i>Salmonella enterica</i>	GCA_000625855.2_ASM62585v2_genomic.fna
6854	<i>Staphylococcus aureus</i>	GCA_001640885.1_ASM164088v1_genomic.fna
6855	<i>Listeria monocytogenes</i>	GCA_002213585.1_ASM221358v1_genomic.fna
6856	<i>Escherichia coli</i>	GCA_000974535.1_ASM97453v1_genomic.fna
6857	<i>Mycobacterium tuberculosis</i>	GCA_002447755.1_ASM244775v1_genomic.fna
6858	<i>Klebsiella pneumoniae</i>	GCA_002009075.1_ASM200907v1_genomic.fna
6859	<i>Bordetella pertussis</i>	GCA_001985645.1_ASM198564v1_genomic.fna
6860	<i>Bordetella pertussis</i>	GCA_001985665.1_ASM198566v1_genomic.fna
6861	<i>Klebsiella pneumoniae</i>	GCA_002055765.1_ASM205576v1_genomic.fna
6862	<i>Mycobacterium tuberculosis</i>	GCA_002447775.1_ASM244777v1_genomic.fna
6863	<i>Escherichia coli</i>	GCA_000974575.1_ASM97457v1_genomic.fna
6864	<i>Listeria monocytogenes</i>	GCA_002213605.1_ASM221360v1_genomic.fna
6865	<i>Staphylococcus aureus</i>	GCA_001640905.1_ASM164090v1_genomic.fna

6866	<i>Salmonella enterica</i>	GCA_000626095.2_ASM62609v2_genomic.fna
6867	<i>Campylobacter jejuni</i>	GCA_001951235.1_ASM195123v1_genomic.fna
6868	<i>Campylobacter jejuni</i>	GCA_001951255.1_ASM195125v1_genomic.fna
6869	<i>Salmonella enterica</i>	GCA_000626175.1_ASM62617v1_genomic.fna
6870	<i>Staphylococcus aureus</i>	GCA_001640925.1_ASM164092v1_genomic.fna
6871	<i>Listeria monocytogenes</i>	GCA_002213625.1_ASM221362v1_genomic.fna
6872	<i>Escherichia coli</i>	GCA_000974825.1_ASM97482v1_genomic.fna
6873	<i>Mycobacterium tuberculosis</i>	GCA_002447795.1_ASM244779v1_genomic.fna
6874	<i>Klebsiella pneumoniae</i>	GCA_002055855.1_ASM205585v1_genomic.fna
6875	<i>Bordetella pertussis</i>	GCA_001985685.1_ASM198568v1_genomic.fna
6876	<i>Bordetella pertussis</i>	GCA_001985705.1_ASM198570v1_genomic.fna
6877	<i>Klebsiella pneumoniae</i>	GCA_002056385.1_ASM205638v1_genomic.fna
6878	<i>Mycobacterium tuberculosis</i>	GCA_002447815.1_ASM244781v1_genomic.fna
6879	<i>Escherichia coli</i>	GCA_000974865.1_ASM97486v1_genomic.fna
6880	<i>Listeria monocytogenes</i>	GCA_002213645.1_ASM221364v1_genomic.fna
6881	<i>Staphylococcus aureus</i>	GCA_001641025.1_ASM164102v1_genomic.fna
6882	<i>Salmonella enterica</i>	GCA_000626195.1_ASM62619v1_genomic.fna
6883	<i>Campylobacter jejuni</i>	GCA_001951275.1_ASM195127v1_genomic.fna
6884	<i>Campylobacter jejuni</i>	GCA_001951295.1_ASM195129v1_genomic.fna
6885	<i>Salmonella enterica</i>	GCA_000626215.1_ASM62621v1_genomic.fna
6886	<i>Staphylococcus aureus</i>	GCA_001656045.1_ASM165604v1_genomic.fna
6887	<i>Listeria monocytogenes</i>	GCA_002213665.1_ASM221366v1_genomic.fna
6888	<i>Escherichia coli</i>	GCA_000974885.1_ASM97488v1_genomic.fna
6889	<i>Mycobacterium tuberculosis</i>	GCA_002447835.1_ASM244783v1_genomic.fna
6890	<i>Klebsiella pneumoniae</i>	GCA_002056475.1_ASM205647v1_genomic.fna
6891	<i>Bordetella pertussis</i>	GCA_001985725.1_ASM198572v1_genomic.fna
6892	<i>Bordetella pertussis</i>	GCA_001985745.1_ASM198574v1_genomic.fna
6893	<i>Klebsiella pneumoniae</i>	GCA_002113865.1_ASM211386v1_genomic.fna
6894	<i>Mycobacterium tuberculosis</i>	GCA_002447855.1_ASM244785v1_genomic.fna
6895	<i>Escherichia coli</i>	GCA_000981485.1_EcoliK12AG100_genomic.fna
6896	<i>Listeria monocytogenes</i>	GCA_002213685.1_ASM221368v1_genomic.fna
6897	<i>Staphylococcus aureus</i>	GCA_001656075.1_ASM165607v1_genomic.fna
6898	<i>Salmonella enterica</i>	GCA_000626235.1_ASM62623v1_genomic.fna
6899	<i>Campylobacter jejuni</i>	GCA_001951315.1_ASM195131v1_genomic.fna

6900	Campylobacter jejuni	GCA_001951335.1_ASM195133v1_genomic.fna
6901	Salmonella enterica	GCA_000626255.1_ASM62625v1_genomic.fna
6902	Staphylococcus aureus	GCA_001725965.1_ASM172596v1_genomic.fna
6903	Listeria monocytogenes	GCA_002213705.1_ASM221370v1_genomic.fna
6904	Escherichia coli	GCA_000986765.1_ASM98676v1_genomic.fna
6905	Mycobacterium tuberculosis	GCA_002447875.1_ASM244787v1_genomic.fna
6906	Klebsiella pneumoniae	GCA_002116885.1_ASM211688v1_genomic.fna
6907	Bordetella pertussis	GCA_001985765.1_ASM198576v1_genomic.fna
6908	Bordetella pertussis	GCA_001985785.1_ASM198578v1_genomic.fna
6909	Klebsiella pneumoniae	GCA_002156725.1_ASM215672v1_genomic.fna
6910	Mycobacterium tuberculosis	GCA_002447895.1_ASM244789v1_genomic.fna
6911	Escherichia coli	GCA_000987875.1_ASM98787v1_genomic.fna
6912	Listeria monocytogenes	GCA_002213725.1_ASM221372v1_genomic.fna
6913	Staphylococcus aureus	GCA_001879545.1_ASM187954v1_genomic.fna
6914	Campylobacter jejuni	GCA_002024325.1_ASM202432v1_genomic.fna
6915	Salmonella enterica	GCA_000626275.2_ASM62627v2_genomic.fna
6916	Campylobacter jejuni	GCA_002028305.1_ASM202830v1_genomic.fna
6917	Salmonella enterica	GCA_000626295.1_ASM62629v1_genomic.fna
6918	Staphylococcus aureus	GCA_001880265.1_ASM188026v1_genomic.fna
6919	Listeria monocytogenes	GCA_002213745.1_ASM221374v1_genomic.fna
6920	Escherichia coli	GCA_000988355.1_ASM98835v1_genomic.fna
6921	Mycobacterium tuberculosis	GCA_002447915.1_ASM244791v1_genomic.fna
6922	Klebsiella pneumoniae	GCA_002156745.1_ASM215674v1_genomic.fna
6923	Bordetella pertussis	GCA_001985805.1_ASM198580v1_genomic.fna
6924	Bordetella pertussis	GCA_001985825.1_ASM198582v1_genomic.fna
6925	Klebsiella pneumoniae	GCA_002156765.1_ASM215676v1_genomic.fna
6926	Mycobacterium tuberculosis	GCA_002447935.1_ASM244793v1_genomic.fna
6927	Escherichia coli	GCA_000988385.1_ASM98838v1_genomic.fna
6928	Listeria monocytogenes	GCA_002213765.1_ASM221376v1_genomic.fna
6929	Staphylococcus aureus	GCA_001887075.1_ASM188707v1_genomic.fna
6930	Salmonella enterica	GCA_000626335.1_ASM62633v1_genomic.fna
6931	Campylobacter jejuni	GCA_002101355.1_ASM210135v1_genomic.fna
6932	Salmonella enterica	GCA_000626355.1_ASM62635v1_genomic.fna
6933	Campylobacter jejuni	GCA_002209005.1_ASM220900v1_genomic.fna

6934	<i>Staphylococcus aureus</i>	GCA_001900185.1_ASM190018v1_genomic.fna
6935	<i>Listeria monocytogenes</i>	GCA_002213785.1_ASM221378v1_genomic.fna
6936	<i>Escherichia coli</i>	GCA_000988465.1_ASM98846v1_genomic.fna
6937	<i>Mycobacterium tuberculosis</i>	GCA_002447955.1_ASM244795v1_genomic.fna
6938	<i>Klebsiella pneumoniae</i>	GCA_002156785.1_ASM215678v1_genomic.fna
6939	<i>Bordetella pertussis</i>	GCA_001985845.1_ASM198584v1_genomic.fna
6940	<i>Bordetella pertussis</i>	GCA_001985865.1_ASM198586v1_genomic.fna
6941	<i>Pasteurella multocida</i>	GCA_001956675.1_ASM195667v1_genomic.fna
6942	<i>Klebsiella pneumoniae</i>	GCA_002163895.1_ASM216389v1_genomic.fna
6943	<i>Mycobacterium tuberculosis</i>	GCA_002447975.1_ASM244797v1_genomic.fna
6944	<i>Escherichia coli</i>	GCA_001007915.1_ASM100791v1_genomic.fna
6945	<i>Listeria monocytogenes</i>	GCA_002213805.1_ASM221380v1_genomic.fna
6946	<i>Staphylococcus aureus</i>	GCA_001956755.1_ASM195675v1_genomic.fna
6947	<i>Campylobacter jejuni</i>	GCA_002209025.1_ASM220902v1_genomic.fna
6948	<i>Salmonella enterica</i>	GCA_000626375.1_ASM62637v1_genomic.fna
6949	<i>Campylobacter jejuni</i>	GCA_002209045.1_ASM220904v1_genomic.fna
6950	<i>Salmonella enterica</i>	GCA_000626695.2_ASM62669v2_genomic.fna
6951	<i>Staphylococcus aureus</i>	GCA_001956815.1_ASM195681v1_genomic.fna
6952	<i>Listeria monocytogenes</i>	GCA_002213825.1_ASM221382v1_genomic.fna
6953	<i>Mycobacterium tuberculosis</i>	GCA_002447995.1_ASM244799v1_genomic.fna
6954	<i>Escherichia coli</i>	GCA_001020945.2_ASM102094v2_genomic.fna
6955	<i>Klebsiella pneumoniae</i>	GCA_002180075.1_ASM218007v1_genomic.fna
6956	<i>Pasteurella multocida</i>	GCA_002068175.1_ASM206817v1_genomic.fna
6957	<i>Bordetella pertussis</i>	GCA_001985885.1_ASM198588v1_genomic.fna
6958	<i>Bordetella pertussis</i>	GCA_001985905.1_ASM198590v1_genomic.fna
6959	<i>Klebsiella pneumoniae</i>	GCA_002180155.1_ASM218015v1_genomic.fna
6960	<i>Escherichia coli</i>	GCA_001021005.2_ASM102100v2_genomic.fna
6961	<i>Mycobacterium tuberculosis</i>	GCA_002448015.1_ASM244801v1_genomic.fna
6962	<i>Listeria monocytogenes</i>	GCA_002213845.1_ASM221384v1_genomic.fna
6963	<i>Staphylococcus aureus</i>	GCA_001975005.1_ASM197500v1_genomic.fna
6964	<i>Campylobacter jejuni</i>	GCA_002209065.1_ASM220906v1_genomic.fna
6965	<i>Salmonella enterica</i>	GCA_000636135.1_ASM63613v1_genomic.fna
6966	<i>Campylobacter jejuni</i>	GCA_002214785.1_ASM221478v1_genomic.fna
6967	<i>Salmonella enterica</i>	GCA_000715155.2_ASM71515v2_genomic.fna

6968	<i>Staphylococcus aureus</i>	GCA_001975045.1_ASM197504v1_genomic.fna
6969	<i>Listeria monocytogenes</i>	GCA_002213865.1_ASM221386v1_genomic.fna
6970	<i>Mycobacterium tuberculosis</i>	GCA_002448035.1_ASM244803v1_genomic.fna
6971	<i>Escherichia coli</i>	GCA_001021595.1_ASM102159v1_genomic.fna
6972	<i>Klebsiella pneumoniae</i>	GCA_002180175.1_ASM218017v1_genomic.fna
6973	<i>Bordetella pertussis</i>	GCA_001985925.1_ASM198592v1_genomic.fna
6974	<i>Bordetella pertussis</i>	GCA_001985945.1_ASM198594v1_genomic.fna
6975	<i>Klebsiella pneumoniae</i>	GCA_002180255.1_ASM218025v1_genomic.fna
6976	<i>Escherichia coli</i>	GCA_001021615.1_APECO18_genomic.fna
6977	<i>Mycobacterium tuberculosis</i>	GCA_002448055.1_ASM244805v1_genomic.fna
6978	<i>Listeria monocytogenes</i>	GCA_002213885.1_ASM221388v1_genomic.fna
6979	<i>Staphylococcus aureus</i>	GCA_001986135.1_ASM198613v1_genomic.fna
6980	<i>Salmonella enterica</i>	GCA_000742815.1_ASM74281v1_genomic.fna
6981	<i>Campylobacter jejuni</i>	GCA_002224325.1_ASM222432v1_genomic.fna
6982	<i>Campylobacter jejuni</i>	GCA_002224385.1_ASM222438v1_genomic.fna
6983	<i>Salmonella enterica</i>	GCA_000743055.1_ASM74305v1_genomic.fna
6984	<i>Staphylococcus aureus</i>	GCA_002000565.1_ASM200056v1_genomic.fna
6985	<i>Listeria monocytogenes</i>	GCA_002213905.1_ASM221390v1_genomic.fna
6986	<i>Mycobacterium tuberculosis</i>	GCA_002448075.1_ASM244807v1_genomic.fna
6987	<i>Escherichia coli</i>	GCA_001021635.1_ASM102163v1_genomic.fna
6988	<i>Klebsiella pneumoniae</i>	GCA_002180295.1_ASM218029v1_genomic.fna
6989	<i>Bordetella pertussis</i>	GCA_001985965.1_ASM198596v1_genomic.fna
6990	<i>Bordetella pertussis</i>	GCA_001985985.1_ASM198598v1_genomic.fna
6991	<i>Klebsiella pneumoniae</i>	GCA_002180315.1_ASM218031v1_genomic.fna
6992	<i>Mycobacterium tuberculosis</i>	GCA_002448095.1_ASM244809v1_genomic.fna
6993	<i>Escherichia coli</i>	GCA_001029125.1_ASM102912v1_genomic.fna
6994	<i>Listeria monocytogenes</i>	GCA_002213925.1_ASM221392v1_genomic.fna
6995	<i>Staphylococcus aureus</i>	GCA_002000585.1_ASM200058v1_genomic.fna
6996	<i>Salmonella enterica</i>	GCA_000750215.1_ASM75021v1_genomic.fna
6997	<i>Campylobacter jejuni</i>	GCA_002234455.1_ASM223445v1_genomic.fna
6998	<i>Campylobacter jejuni</i>	GCA_002238355.1_ASM223835v1_genomic.fna
6999	<i>Salmonella enterica</i>	GCA_000750255.1_ASM75025v1_genomic.fna
7000	<i>Staphylococcus aureus</i>	GCA_002000605.1_ASM200060v1_genomic.fna
7001	<i>Listeria monocytogenes</i>	GCA_002213945.1_ASM221394v1_genomic.fna

7002	<i>Escherichia coli</i>	GCA_001039415.1_ASM103941v1_genomic.fna
7003	<i>Mycobacterium tuberculosis</i>	GCA_002448115.1_ASM244811v1_genomic.fna
7004	<i>Klebsiella pneumoniae</i>	GCA_002192315.1_ASM219231v1_genomic.fna
7005	<i>Bordetella pertussis</i>	GCA_001986005.1_ASM198600v1_genomic.fna
7006	<i>Bordetella pertussis</i>	GCA_001986025.1_ASM198602v1_genomic.fna
7007	<i>Klebsiella pneumoniae</i>	GCA_002192335.1_ASM219233v1_genomic.fna
7008	<i>Mycobacterium tuberculosis</i>	GCA_002448135.1_ASM244813v1_genomic.fna
7009	<i>Escherichia coli</i>	GCA_001043215.1_ASM104321v1_genomic.fna
7010	<i>Listeria monocytogenes</i>	GCA_002213965.1_ASM221396v1_genomic.fna
7011	<i>Staphylococcus aureus</i>	GCA_002000625.1_ASM200062v1_genomic.fna
7012	<i>Salmonella enterica</i>	GCA_000750295.1_ASM75029v1_genomic.fna
7013	<i>Campylobacter jejuni</i>	GCA_002238375.1_ASM223837v1_genomic.fna
7014	<i>Campylobacter jejuni</i>	GCA_002407125.1_ASM240712v1_genomic.fna
7015	<i>Salmonella enterica</i>	GCA_000750335.1_ASM75033v1_genomic.fna
7016	<i>Staphylococcus aureus</i>	GCA_002000645.1_ASM200064v1_genomic.fna
7017	<i>Listeria monocytogenes</i>	GCA_002213985.1_ASM221398v1_genomic.fna
7018	<i>Escherichia coli</i>	GCA_001051135.1_ASM105113v1_genomic.fna
7019	<i>Mycobacterium tuberculosis</i>	GCA_002448155.1_ASM244815v1_genomic.fna
7020	<i>Klebsiella pneumoniae</i>	GCA_002192375.1_ASM219237v1_genomic.fna
7021	<i>Bordetella pertussis</i>	GCA_001986045.1_ASM198604v1_genomic.fna
7022	<i>Bordetella pertussis</i>	GCA_001986065.1_ASM198606v1_genomic.fna
7023	<i>Klebsiella pneumoniae</i>	GCA_002197225.1_ASM219722v1_genomic.fna
7024	<i>Mycobacterium tuberculosis</i>	GCA_002448175.1_ASM244817v1_genomic.fna
7025	<i>Escherichia coli</i>	GCA_001183645.1_ASM118364v1_genomic.fna
7026	<i>Listeria monocytogenes</i>	GCA_002214005.1_ASM221400v1_genomic.fna
7027	<i>Staphylococcus aureus</i>	GCA_002000665.1_ASM200066v1_genomic.fna
7028	<i>Salmonella enterica</i>	GCA_000750375.1_ASM75037v1_genomic.fna
7029	<i>Campylobacter jejuni</i>	GCA_002587105.1_ASM258710v1_genomic.fna
7030	<i>Campylobacter jejuni</i>	GCA_002587225.1_ASM258722v1_genomic.fna
7031	<i>Salmonella enterica</i>	GCA_000750395.2_ASM75039v2_genomic.fna
7032	<i>Staphylococcus aureus</i>	GCA_002000685.1_ASM200068v1_genomic.fna
7033	<i>Listeria monocytogenes</i>	GCA_002214045.1_ASM221404v1_genomic.fna
7034	<i>Escherichia coli</i>	GCA_001183665.1_ASM118366v1_genomic.fna
7035	<i>Mycobacterium tuberculosis</i>	GCA_002448195.1_ASM244819v1_genomic.fna

7036	<i>Klebsiella pneumoniae</i>	GCA_002197505.1_ASM219750v1_genomic.fna
7037	<i>Bordetella pertussis</i>	GCA_001986085.1_ASM198608v1_genomic.fna
7038	<i>Bordetella pertussis</i>	GCA_001986105.1_ASM198610v1_genomic.fna
7039	<i>Klebsiella pneumoniae</i>	GCA_002202195.1_ASM220219v1_genomic.fna
7040	<i>Mycobacterium tuberculosis</i>	GCA_002448215.1_ASM244821v1_genomic.fna
7041	<i>Escherichia coli</i>	GCA_001183685.1_ASM118368v1_genomic.fna
7042	<i>Listeria monocytogenes</i>	GCA_002214065.1_ASM221406v1_genomic.fna
7043	<i>Staphylococcus aureus</i>	GCA_002000705.1_ASM200070v1_genomic.fna
7044	<i>Salmonella enterica</i>	GCA_000750415.2_ASM75041v2_genomic.fna
7045	<i>Salmonella enterica</i>	GCA_000750435.1_ASM75043v1_genomic.fna
7046	<i>Staphylococcus aureus</i>	GCA_002000725.1_ASM200072v1_genomic.fna
7047	<i>Listeria monocytogenes</i>	GCA_002214085.1_ASM221408v1_genomic.fna
7048	<i>Escherichia coli</i>	GCA_001276585.2_ASM127658v2_genomic.fna
7049	<i>Klebsiella pneumoniae</i>	GCA_002202215.1_ASM220221v1_genomic.fna
7050	<i>Bordetella pertussis</i>	GCA_001986155.1_ASM198615v1_genomic.fna
7051	<i>Bordetella pertussis</i>	GCA_001986175.1_ASM198617v1_genomic.fna
7052	<i>Klebsiella pneumoniae</i>	GCA_002202235.1_ASM220223v1_genomic.fna
7053	<i>Escherichia coli</i>	GCA_001280325.1_ASM128032v1_genomic.fna
7054	<i>Listeria monocytogenes</i>	GCA_002214105.1_ASM221410v1_genomic.fna
7055	<i>Staphylococcus aureus</i>	GCA_002000745.1_ASM200074v1_genomic.fna
7056	<i>Salmonella enterica</i>	GCA_000750455.1_ASM75045v1_genomic.fna
7057	<i>Salmonella enterica</i>	GCA_000750475.1_ASM75047v1_genomic.fna
7058	<i>Staphylococcus aureus</i>	GCA_002000765.1_ASM200076v1_genomic.fna
7059	<i>Listeria monocytogenes</i>	GCA_002214125.1_ASM221412v1_genomic.fna
7060	<i>Escherichia coli</i>	GCA_001280345.1_ASM128034v1_genomic.fna
7061	<i>Klebsiella pneumoniae</i>	GCA_002202255.1_ASM220225v1_genomic.fna
7062	<i>Bordetella pertussis</i>	GCA_001986195.1_ASM198619v1_genomic.fna
7063	<i>Bordetella pertussis</i>	GCA_001986215.1_ASM198621v1_genomic.fna
7064	<i>Klebsiella pneumoniae</i>	GCA_002202275.1_ASM220227v1_genomic.fna
7065	<i>Escherichia coli</i>	GCA_001280385.1_ASM128038v1_genomic.fna
7066	<i>Listeria monocytogenes</i>	GCA_002214145.1_ASM221414v1_genomic.fna
7067	<i>Staphylococcus aureus</i>	GCA_002000785.1_ASM200078v1_genomic.fna
7068	<i>Salmonella enterica</i>	GCA_000750495.1_ASM75049v1_genomic.fna
7069	<i>Salmonella enterica</i>	GCA_000754375.1_ASM75437v1_genomic.fna

7070	<i>Staphylococcus aureus</i>	GCA_002000805.1_ASM200080v1_genomic.fna
7071	<i>Listeria monocytogenes</i>	GCA_002220325.1_ASM222032v1_genomic.fna
7072	<i>Escherichia coli</i>	GCA_001280405.1_ASM128040v1_genomic.fna
7073	<i>Klebsiella pneumoniae</i>	GCA_002209405.1_ASM220940v1_genomic.fna
7074	<i>Bordetella pertussis</i>	GCA_001986235.1_ASM198623v1_genomic.fna
7075	<i>Bordetella pertussis</i>	GCA_001986255.1_ASM198625v1_genomic.fna
7076	<i>Klebsiella pneumoniae</i>	GCA_002211905.1_ASM221190v1_genomic.fna
7077	<i>Escherichia coli</i>	GCA_001307215.1_ASM130721v1_genomic.fna
7078	<i>Listeria monocytogenes</i>	GCA_002285655.1_ASM228565v1_genomic.fna
7079	<i>Staphylococcus aureus</i>	GCA_002000825.1_ASM200082v1_genomic.fna
7080	<i>Salmonella enterica</i>	GCA_000756465.1_ASM75646v1_genomic.fna
7081	<i>Salmonella enterica</i>	GCA_000818075.1_ASM81807v1_genomic.fna
7082	<i>Staphylococcus aureus</i>	GCA_002000845.1_ASM200084v1_genomic.fna
7083	<i>Listeria monocytogenes</i>	GCA_002285835.1_ASM228583v1_genomic.fna
7084	<i>Escherichia coli</i>	GCA_001308065.1_ASM130806v1_genomic.fna
7085	<i>Klebsiella pneumoniae</i>	GCA_002243445.1_ASM224344v1_genomic.fna
7086	<i>Bordetella pertussis</i>	GCA_001986275.1_ASM198627v1_genomic.fna
7087	<i>Bordetella pertussis</i>	GCA_001986295.1_ASM198629v1_genomic.fna
7088	<i>Klebsiella pneumoniae</i>	GCA_002249975.1_ASM224997v1_genomic.fna
7089	<i>Haemophilus influenzae</i>	GCA_000016465.1_ASM1646v1_genomic.fna
7090	<i>Listeria monocytogenes</i>	GCA_002557735.1_ASM255773v1_genomic.fna
7091	<i>Escherichia coli</i>	GCA_001308125.1_ASM130812v1_genomic.fna
7092	<i>Staphylococcus aureus</i>	GCA_002000865.1_ASM200086v1_genomic.fna
7093	<i>Salmonella enterica</i>	GCA_000818115.1_ASM81811v1_genomic.fna
7094	<i>Salmonella enterica</i>	GCA_000828595.1_ASM82859v1_genomic.fna
7095	<i>Staphylococcus aureus</i>	GCA_002025125.1_ASM202512v1_genomic.fna
7096	<i>Escherichia coli</i>	GCA_001308165.1_ASM130816v1_genomic.fna
7097	<i>Listeria monocytogenes</i>	GCA_002557815.1_ASM255781v1_genomic.fna
7098	<i>Haemophilus influenzae</i>	GCA_000016485.1_ASM1648v1_genomic.fna
7099	<i>Xanthomonas oryzae</i>	GCA_000007385.1_ASM738v1_genomic.fna
7100	<i>Klebsiella pneumoniae</i>	GCA_002269295.1_ASM226929v1_genomic.fna
7101	<i>Bordetella pertussis</i>	GCA_001986315.1_ASM198631v1_genomic.fna
7102	<i>Bordetella pertussis</i>	GCA_001986335.1_ASM198633v1_genomic.fna
7103	<i>Klebsiella pneumoniae</i>	GCA_002278055.1_ASM227805v1_genomic.fna

7104	<i>Listeria monocytogenes</i>	GCA_900187225.1_51881_G01_genomic.fna
7105	<i>Escherichia coli</i>	GCA_001420935.1_ASM142093v1_genomic.fna
7106	<i>Staphylococcus aureus</i>	GCA_002025145.1_ASM202514v1_genomic.fna
7107	<i>Salmonella enterica</i>	GCA_000940895.2_ASM94089v2_genomic.fna
7108	<i>Salmonella enterica</i>	GCA_000940935.1_ASM94093v1_genomic.fna
7109	<i>Staphylococcus aureus</i>	GCA_002085525.1_ASM208552v1_genomic.fna
7110	<i>Escherichia coli</i>	GCA_001420955.1_ASM142095v1_genomic.fna
7111	<i>Klebsiella pneumoniae</i>	GCA_002307335.1_ASM230733v1_genomic.fna
7112	<i>Bordetella pertussis</i>	GCA_001986355.1_ASM198635v1_genomic.fna
7113	<i>Bordetella pertussis</i>	GCA_001986375.1_ASM198637v1_genomic.fna
7114	<i>Klebsiella pneumoniae</i>	GCA_002386225.1_ASM238622v1_genomic.fna
7115	<i>Escherichia coli</i>	GCA_001442495.1_ASM144249v1_genomic.fna
7116	<i>Staphylococcus aureus</i>	GCA_002088995.1_ASM208899v1_genomic.fna
7117	<i>Salmonella enterica</i>	GCA_000940975.1_ASM94097v1_genomic.fna
7118	<i>Salmonella enterica</i>	GCA_000941015.2_ASM94101v2_genomic.fna
7119	<i>Staphylococcus aureus</i>	GCA_002089035.1_ASM208903v1_genomic.fna
7120	<i>Escherichia coli</i>	GCA_001455385.1_ASM145538v1_genomic.fna
7121	<i>Klebsiella pneumoniae</i>	GCA_002587165.1_ASM258716v1_genomic.fna
7122	<i>Bordetella pertussis</i>	GCA_001986415.1_ASM198641v1_genomic.fna
7123	<i>Bordetella pertussis</i>	GCA_001986435.1_ASM198643v1_genomic.fna
7124	<i>Klebsiella pneumoniae</i>	GCA_002587885.1_ASM258788v1_genomic.fna
7125	<i>Escherichia coli</i>	GCA_001469815.1_ASM146981v1_genomic.fna
7126	<i>Staphylococcus aureus</i>	GCA_002089055.1_ASM208905v1_genomic.fna
7127	<i>Salmonella enterica</i>	GCA_000953495.1_SINFA_genomic.fna
7128	<i>Salmonella enterica</i>	GCA_000963535.2_ASM96353v2_genomic.fna
7129	<i>Staphylococcus aureus</i>	GCA_002089075.1_ASM208907v1_genomic.fna
7130	<i>Escherichia coli</i>	GCA_001485455.1_ASM148545v1_genomic.fna
7131	<i>Klebsiella pneumoniae</i>	GCA_002591075.1_ASM259107v1_genomic.fna
7132	<i>Bordetella pertussis</i>	GCA_001986455.1_ASM198645v1_genomic.fna
7133	<i>Bordetella pertussis</i>	GCA_001986475.1_ASM198647v1_genomic.fna
7134	<i>Escherichia coli</i>	GCA_001513615.1_ASM151361v1_genomic.fna
7135	<i>Staphylococcus aureus</i>	GCA_002089095.1_ASM208909v1_genomic.fna
7136	<i>Salmonella enterica</i>	GCA_000973645.1_ASM97364v1_genomic.fna
7137	<i>Salmonella enterica</i>	GCA_000973665.2_ASM97366v2_genomic.fna

7138	<i>Staphylococcus aureus</i>	GCA_002089115.1_ASM208911v1_genomic.fna
7139	<i>Escherichia coli</i>	GCA_001513635.1_ASM151363v1_genomic.fna
7140	<i>Bordetella pertussis</i>	GCA_001986495.1_ASM198649v1_genomic.fna
7141	<i>Bordetella pertussis</i>	GCA_001986515.1_ASM198651v1_genomic.fna
7142	<i>Escherichia coli</i>	GCA_001515725.1_ASM151572v1_genomic.fna
7143	<i>Staphylococcus aureus</i>	GCA_002097595.1_ASM209759v1_genomic.fna
7144	<i>Salmonella enterica</i>	GCA_000973685.1_ASM97368v1_genomic.fna
7145	<i>Salmonella enterica</i>	GCA_000988525.3_ASM98852v3_genomic.fna
7146	<i>Staphylococcus aureus</i>	GCA_002140115.1_ASM214011v1_genomic.fna
7147	<i>Escherichia coli</i>	GCA_001542675.2_ASM154267v2_genomic.fna
7148	<i>Bordetella pertussis</i>	GCA_001986535.1_ASM198653v1_genomic.fna
7149	<i>Bordetella pertussis</i>	GCA_001986555.1_ASM198655v1_genomic.fna
7150	<i>Escherichia coli</i>	GCA_001544635.1_ASM154463v1_genomic.fna
7151	<i>Staphylococcus aureus</i>	GCA_002202075.1_ASM220207v1_genomic.fna
7152	<i>Salmonella enterica</i>	GCA_000993725.1_ASM99372v1_genomic.fna
7153	<i>Salmonella enterica</i>	GCA_001006525.1_ASM100652v1_genomic.fna
7154	<i>Staphylococcus aureus</i>	GCA_002202095.1_ASM220209v1_genomic.fna
7155	<i>Escherichia coli</i>	GCA_001558995.2_ASM155899v2_genomic.fna
7156	<i>Bordetella pertussis</i>	GCA_001986575.1_ASM198657v1_genomic.fna
7157	<i>Bordetella pertussis</i>	GCA_001986595.1_ASM198659v1_genomic.fna
7158	<i>Escherichia coli</i>	GCA_001559615.2_ASM155961v2_genomic.fna
7159	<i>Staphylococcus aureus</i>	GCA_002204555.1_ASM220455v1_genomic.fna
7160	<i>Salmonella enterica</i>	GCA_001048035.2_ERL103914_genomic.fna
7161	<i>Salmonella enterica</i>	GCA_001048375.2_M223_genomic.fna
7162	<i>Staphylococcus aureus</i>	GCA_002204575.1_ASM220457v1_genomic.fna
7163	<i>Escherichia coli</i>	GCA_001559635.1_ASM155963v1_genomic.fna
7164	<i>Bordetella pertussis</i>	GCA_001986615.1_ASM198661v1_genomic.fna
7165	<i>Bordetella pertussis</i>	GCA_001986635.1_ASM198663v1_genomic.fna
7166	<i>Escherichia coli</i>	GCA_001559655.1_ASM155965v1_genomic.fna
7167	<i>Staphylococcus aureus</i>	GCA_002209325.1_ASM220932v1_genomic.fna
7168	<i>Salmonella enterica</i>	GCA_001079465.2_STyphi_1553_1_genomic.fna
7169	<i>Salmonella enterica</i>	GCA_001088345.2_052042_2_genomic.fna
7170	<i>Staphylococcus aureus</i>	GCA_002214665.1_ASM221466v1_genomic.fna
7171	<i>Escherichia coli</i>	GCA_001559675.1_ASM155967v1_genomic.fna

7172	<i>Bacillus subtilis</i>	GCA_001596535.1_ASM159653v1_genomic.fna
7173	<i>Bordetella pertussis</i>	GCA_001986655.1_ASM198665v1_genomic.fna
7174	<i>Bordetella pertussis</i>	GCA_001986675.1_ASM198667v1_genomic.fna
7175	<i>Escherichia coli</i>	GCA_001566335.1_ASM156633v1_genomic.fna
7176	<i>Staphylococcus aureus</i>	GCA_002310395.1_ASM231039v1_genomic.fna
7177	<i>Salmonella enterica</i>	GCA_001095585.2_ERL114000_genomic.fna
7178	<i>Salmonella enterica</i>	GCA_001104165.2_E00-7866_genomic.fna
7179	<i>Staphylococcus aureus</i>	GCA_002310435.1_ASM231043v1_genomic.fna
7180	<i>Escherichia coli</i>	GCA_001566615.1_ASM156661v1_genomic.fna
7181	<i>Bordetella pertussis</i>	GCA_001986695.1_ASM198669v1_genomic.fna
7182	<i>Bordetella pertussis</i>	GCA_001986715.1_ASM198671v1_genomic.fna
7183	<i>Escherichia coli</i>	GCA_001566635.1_ASM156663v1_genomic.fna
7184	<i>Staphylococcus aureus</i>	GCA_002355355.1_ASM235535v1_genomic.fna
7185	<i>Salmonella enterica</i>	GCA_001104885.3_10349_1_89_2_genomic.fna
7186	<i>Salmonella enterica</i>	GCA_001106745.2_UI_2120_genomic.fna
7187	<i>Staphylococcus aureus</i>	GCA_002356675.1_ASM235667v1_genomic.fna
7188	<i>Escherichia coli</i>	GCA_001566655.1_ASM156665v1_genomic.fna
7189	<i>Bordetella pertussis</i>	GCA_001986735.1_ASM198673v1_genomic.fna
7190	<i>Bordetella pertussis</i>	GCA_001986755.1_ASM198675v1_genomic.fna
7191	<i>Escherichia coli</i>	GCA_001566675.1_ASM156667v1_genomic.fna
7192	<i>Staphylococcus aureus</i>	GCA_002386245.1_ASM238624v1_genomic.fna
7193	<i>Salmonella enterica</i>	GCA_001118185.2_H12ESR00394-001A_genomic.fna
7194	<i>Salmonella enterica</i>	GCA_001119245.2_76_1292_genomic.fna
7195	<i>Staphylococcus aureus</i>	GCA_002442975.1_ASM244297v1_genomic.fna
7196	<i>Escherichia coli</i>	GCA_001577325.1_ASM157732v1_genomic.fna
7197	<i>Bordetella pertussis</i>	GCA_001986775.1_ASM198677v1_genomic.fna
7198	<i>Staphylococcus haemolyticus</i>	GCA_000972725.1_ASM97272v1_genomic.fna
7199	<i>Bordetella pertussis</i>	GCA_001986795.1_ASM198679v1_genomic.fna
7200	<i>Escherichia coli</i>	GCA_001593565.1_ASM159356v1_genomic.fna
7201	<i>Staphylococcus aureus</i>	GCA_002633765.1_ASM263376v1_genomic.fna
7202	<i>Salmonella enterica</i>	GCA_001121865.2_404Ty_genomic.fna
7203	<i>Salmonella enterica</i>	GCA_001127485.2_ERL041834_genomic.fna
7204	<i>Staphylococcus aureus</i>	GCA_002633785.1_ASM263378v1_genomic.fna
7205	<i>Escherichia coli</i>	GCA_001610755.1_ASM161075v1_genomic.fna

7206	<i>Bordetella pertussis</i>	GCA_001986815.1_ASM198681v1_genomic.fna
7207	<i>Bordetella pertussis</i>	GCA_001986835.1_ASM198683v1_genomic.fna
7208	<i>Escherichia coli</i>	GCA_001612475.1_ASM161247v1_genomic.fna
7209	<i>Staphylococcus aureus</i>	GCA_002633805.1_ASM263380v1_genomic.fna
7210	<i>Salmonella enterica</i>	GCA_001135805.2_ERL072973_genomic.fna
7211	<i>Salmonella enterica</i>	GCA_001148125.2_ERL024120_genomic.fna
7212	<i>Staphylococcus aureus</i>	GCA_002633825.1_ASM263382v1_genomic.fna
7213	<i>Escherichia coli</i>	GCA_001612495.1_ASM161249v1_genomic.fna
7214	<i>Bordetella pertussis</i>	GCA_001986855.1_ASM198685v1_genomic.fna
7215	<i>Bordetella pertussis</i>	GCA_001986875.1_ASM198687v1_genomic.fna
7216	<i>Escherichia coli</i>	GCA_001617565.1_ASM161756v1_genomic.fna
7217	<i>Staphylococcus aureus</i>	GCA_002633845.1_ASM263384v1_genomic.fna
7218	<i>Salmonella enterica</i>	GCA_001148305.2_ERL082356_genomic.fna
7219	<i>Salmonella enterica</i>	GCA_001157245.2_ERL12148_genomic.fna
7220	<i>Staphylococcus aureus</i>	GCA_002633865.1_ASM263386v1_genomic.fna
7221	<i>Escherichia coli</i>	GCA_001618325.1_ASM161832v1_genomic.fna
7222	<i>Bordetella pertussis</i>	GCA_001986895.1_ASM198689v1_genomic.fna
7223	<i>Bordetella pertussis</i>	GCA_001986915.1_ASM198691v1_genomic.fna
7224	<i>Escherichia coli</i>	GCA_001618345.2_ASM161834v2_genomic.fna
7225	<i>Salmonella enterica</i>	GCA_001163025.2_H12ESR04734-001A_genomic.fna
7226	<i>Staphylococcus aureus</i>	GCA_900004855.1_BB155_genomic.fna
7227	<i>Staphylococcus aureus</i>	GCA_900017775.1_NZAK3_genomic.fna
7228	<i>Salmonella enterica</i>	GCA_001165785.2_ERL024919_genomic.fna
7229	<i>Escherichia coli</i>	GCA_001618365.1_ASM161836v1_genomic.fna
7230	<i>Bordetella pertussis</i>	GCA_001986935.1_ASM198693v1_genomic.fna
7231	<i>Bordetella pertussis</i>	GCA_001986955.1_ASM198695v1_genomic.fna
7232	<i>Escherichia coli</i>	GCA_001644725.1_ASM164472v1_genomic.fna
7233	<i>Staphylococcus aureus</i>	GCA_900092595.1_Sa_Newman_UoM_genomic.fna
7234	<i>Salmonella enterica</i>	GCA_001185215.1_ASM118521v1_genomic.fna
7235	<i>Salmonella enterica</i>	GCA_001185245.1_ASM118524v1_genomic.fna
7236	<i>Staphylococcus aureus</i>	GCA_900096745.1_AUS0325_genomic.fna
7237	<i>Escherichia coli</i>	GCA_001644745.1_ASM164474v1_genomic.fna
7238	<i>Bordetella pertussis</i>	GCA_001986975.1_ASM198697v1_genomic.fna
7239	<i>Bordetella pertussis</i>	GCA_001986995.1_ASM198699v1_genomic.fna

7240	<i>Escherichia coli</i>	GCA_001650275.1_ASM165027v1_genomic.fna
7241	<i>Staphylococcus aureus</i>	GCA_900129335.1_PP_HGAG_QV30_2SC_T4_genomic.fna
7242	<i>Salmonella enterica</i>	GCA_001240865.2_Ty3_193_genomic.fna
7243	<i>Salmonella enterica</i>	GCA_001278315.1_ASM127831v1_genomic.fna
7244	<i>Escherichia coli</i>	GCA_001650295.1_ASM165029v1_genomic.fna
7245	<i>Bordetella pertussis</i>	GCA_001987015.1_ASM198701v1_genomic.fna
7246	<i>Bordetella pertussis</i>	GCA_001987035.1_ASM198703v1_genomic.fna
7247	<i>Escherichia coli</i>	GCA_001651925.2_ASM165192v2_genomic.fna
7248	<i>Salmonella enterica</i>	GCA_001293505.1_ASM129350v1_genomic.fna
7249	<i>Salmonella enterica</i>	GCA_001302605.1_ASM130260v1_genomic.fna
7250	<i>Escherichia coli</i>	GCA_001651945.1_ASM165194v1_genomic.fna
7251	<i>Bordetella pertussis</i>	GCA_001987055.1_ASM198705v1_genomic.fna
7252	<i>Bordetella pertussis</i>	GCA_001987075.1_ASM198707v1_genomic.fna
7253	<i>Shigella flexneri</i>	GCA_001579965.1_ASM157996v1_genomic.fna
7254	<i>Escherichia coli</i>	GCA_001651965.2_ASM165196v2_genomic.fna
7255	<i>Salmonella enterica</i>	GCA_001305235.1_ASM130523v1_genomic.fna
7256	<i>Salmonella enterica</i>	GCA_001305815.1_ASM130581v1_genomic.fna
7257	<i>Escherichia coli</i>	GCA_001660565.1_ASM166056v1_genomic.fna
7258	<i>Bordetella pertussis</i>	GCA_001987095.1_ASM198709v1_genomic.fna
7259	<i>Bordetella pertussis</i>	GCA_001987115.1_ASM198711v1_genomic.fna
7260	<i>Escherichia coli</i>	GCA_001660585.1_ASM166058v1_genomic.fna
7261	<i>Salmonella enterica</i>	GCA_001305835.1_ASM130583v1_genomic.fna
7262	<i>Salmonella enterica</i>	GCA_001356455.2_1016889_genomic.fna
7263	<i>Escherichia coli</i>	GCA_001663075.1_ASM166307v1_genomic.fna
7264	<i>Bordetella pertussis</i>	GCA_001987135.1_ASM198713v1_genomic.fna
7265	<i>Bordetella pertussis</i>	GCA_001987155.1_ASM198715v1_genomic.fna
7266	<i>Escherichia coli</i>	GCA_001663475.1_ASM166347v1_genomic.fna
7267	<i>Salmonella enterica</i>	GCA_001357935.2_80_2002_genomic.fna
7268	<i>Salmonella enterica</i>	GCA_001359015.2_129_0238_genomic.fna
7269	<i>Escherichia coli</i>	GCA_001675145.1_ASM167514v1_genomic.fna
7270	<i>Bordetella pertussis</i>	GCA_001987175.1_ASM198717v1_genomic.fna
7271	<i>Bordetella pertussis</i>	GCA_001987195.1_ASM198719v1_genomic.fna
7272	<i>Escherichia coli</i>	GCA_001677475.1_ASM167747v1_genomic.fna
7273	<i>Salmonella enterica</i>	GCA_001360555.2_2010_7898_genomic.fna

7274	Salmonella enterica	GCA_001361075.2_Ty585_genomic.fna
7275	Escherichia coli	GCA_001677495.1_ASM167749v1_genomic.fna
7276	Bordetella pertussis	GCA_001987215.1_ASM198721v1_genomic.fna
7277	Bordetella pertussis	GCA_001987235.1_ASM198723v1_genomic.fna
7278	Escherichia coli	GCA_001677515.1_ASM167751v1_genomic.fna
7279	Salmonella enterica	GCA_001362095.2_034151_4_genomic.fna
7280	Salmonella enterica	GCA_001362135.2_11909_3_genomic.fna
7281	Escherichia coli	GCA_001678925.1_ASM167892v1_genomic.fna
7282	Bordetella pertussis	GCA_001987255.1_ASM198725v1_genomic.fna
7283	Bordetella pertussis	GCA_001987275.1_ASM198727v1_genomic.fna
7284	Escherichia coli	GCA_001678965.1_ASM167896v1_genomic.fna
7285	Salmonella enterica	GCA_001362175.2_ERL12960_genomic.fna
7286	Salmonella enterica	GCA_001362195.2_H12ESR00755-001A_genomic.fna
7287	Escherichia coli	GCA_001679985.1_ASM167998v1_genomic.fna
7288	Bordetella pertussis	GCA_001987295.1_ASM198729v1_genomic.fna
7289	Bordetella pertussis	GCA_001987315.1_ASM198731v1_genomic.fna
7290	Escherichia coli	GCA_001682305.2_ASM168230v2_genomic.fna
7291	Salmonella enterica	GCA_001362335.2_Ty2_genomic.fna
7292	Salmonella enterica	GCA_001364695.2_Ty3_243_genomic.fna
7293	Escherichia coli	GCA_001683435.1_ASM168343v1_genomic.fna
7294	Bordetella pertussis	GCA_001987335.1_ASM198733v1_genomic.fna
7295	Bordetella pertussis	GCA_001987355.1_ASM198735v1_genomic.fna
7296	Clostridium botulinum	GCA_000816945.1_ASM81694v1_genomic.fna
7297	Escherichia coli	GCA_001693315.1_ASM169331v1_genomic.fna
7298	Salmonella enterica	GCA_001409135.1_10259_genomic.fna
7299	Salmonella enterica	GCA_001409155.1_98_11262_genomic.fna
7300	Escherichia coli	GCA_001693635.1_ASM169363v1_genomic.fna
7301	Bordetella pertussis	GCA_001987375.1_ASM198737v1_genomic.fna
7302	Bordetella pertussis	GCA_001987395.1_ASM198739v1_genomic.fna
7303	Escherichia coli	GCA_001695515.1_ASM169551v1_genomic.fna
7304	Salmonella enterica	GCA_001409175.1_99_3134_genomic.fna
7305	Salmonella enterica	GCA_001409195.1_C2346_genomic.fna
7306	Escherichia coli	GCA_001721125.1_ASM172112v1_genomic.fna
7307	Bordetella pertussis	GCA_001987415.1_ASM198741v1_genomic.fna

7308	<i>Bordetella pertussis</i>	GCA_001987435.1_ASM198743v1_genomic.fna
7309	<i>Escherichia coli</i>	GCA_001721205.1_ASM172120v1_genomic.fna
7310	<i>Salmonella enterica</i>	GCA_001441205.1_ASM144120v1_genomic.fna
7311	<i>Salmonella enterica</i>	GCA_001441225.1_ASM144122v1_genomic.fna
7312	<i>Escherichia coli</i>	GCA_001721225.1_ASM172122v1_genomic.fna
7313	<i>Bordetella pertussis</i>	GCA_001987455.1_ASM198745v1_genomic.fna
7314	<i>Bordetella pertussis</i>	GCA_001987475.1_ASM198747v1_genomic.fna
7315	<i>Escherichia coli</i>	GCA_001721525.1_ASM172152v1_genomic.fna
7316	<i>Salmonella enterica</i>	GCA_001441245.1_ASM144124v1_genomic.fna
7317	<i>Salmonella enterica</i>	GCA_001447095.1_ASM144709v1_genomic.fna
7318	<i>Escherichia coli</i>	GCA_001723505.1_ASM172350v1_genomic.fna
7319	<i>Bordetella pertussis</i>	GCA_001987495.1_ASM198749v1_genomic.fna
7320	<i>Bordetella pertussis</i>	GCA_001987515.1_ASM198751v1_genomic.fna
7321	<i>Escherichia coli</i>	GCA_001735705.1_ASM173570v1_genomic.fna
7322	<i>Salmonella enterica</i>	GCA_001447115.1_ASM144711v1_genomic.fna
7323	<i>Salmonella enterica</i>	GCA_001454965.1_ASM145496v1_genomic.fna
7324	<i>Escherichia coli</i>	GCA_001750845.1_ASM175084v1_genomic.fna
7325	<i>Bacillus anthracis</i>	GCA_000512775.1_ASM51277v1_genomic.fna
7326	<i>Bordetella pertussis</i>	GCA_001987535.1_ASM198753v1_genomic.fna
7327	<i>Bordetella pertussis</i>	GCA_001987555.1_ASM198755v1_genomic.fna
7328	<i>Bacillus anthracis</i>	GCA_000747335.1_ASM74733v1_genomic.fna
7329	<i>Escherichia coli</i>	GCA_001753445.1_ASM175344v1_genomic.fna
7330	<i>Salmonella enterica</i>	GCA_001457675.1_NCTC10384_genomic.fna
7331	<i>Salmonella enterica</i>	GCA_001484025.1_ASM148402v1_genomic.fna
7332	<i>Escherichia coli</i>	GCA_001753465.1_ASM175346v1_genomic.fna
7333	<i>Bacillus anthracis</i>	GCA_000747375.1_ASM74737v1_genomic.fna
7334	<i>Bordetella pertussis</i>	GCA_001987575.1_ASM198757v1_genomic.fna
7335	<i>Bordetella pertussis</i>	GCA_001987595.1_ASM198759v1_genomic.fna
7336	<i>Bacillus anthracis</i>	GCA_002208785.1_ASM220878v1_genomic.fna
7337	<i>Escherichia coli</i>	GCA_001753485.1_ASM175348v1_genomic.fna
7338	<i>Salmonella enterica</i>	GCA_001535315.2_ASM153531v2_genomic.fna
7339	<i>Salmonella enterica</i>	GCA_001540845.1_SO4698_09_genomic.fna
7340	<i>Escherichia coli</i>	GCA_001753505.1_ASM175350v1_genomic.fna
7341	<i>Bordetella pertussis</i>	GCA_001987615.1_ASM198761v1_genomic.fna

7342	<i>Bordetella pertussis</i>	GCA_001987635.1_ASM198763v1_genomic.fna
7343	<i>Escherichia coli</i>	GCA_001753525.1_ASM175352v1_genomic.fna
7344	<i>Salmonella enterica</i>	GCA_001558355.1_ASM155835v1_genomic.fna
7345	<i>Salmonella enterica</i>	GCA_001576255.1_ASM157625v1_genomic.fna
7346	<i>Escherichia coli</i>	GCA_001753545.1_ASM175354v1_genomic.fna
7347	<i>Bordetella pertussis</i>	GCA_001987655.1_ASM198765v1_genomic.fna
7348	<i>Bordetella pertussis</i>	GCA_001987675.1_ASM198767v1_genomic.fna
7349	<i>Escherichia coli</i>	GCA_001753565.1_ASM175356v1_genomic.fna
7350	<i>Salmonella enterica</i>	GCA_001576275.1_ASM157627v1_genomic.fna
7351	<i>Salmonella enterica</i>	GCA_001577505.1_ASM157750v1_genomic.fna
7352	<i>Escherichia coli</i>	GCA_001806265.1_ASM180626v1_genomic.fna
7353	<i>Bordetella pertussis</i>	GCA_001987695.1_ASM198769v1_genomic.fna
7354	<i>Bordetella pertussis</i>	GCA_001987715.1_ASM198771v1_genomic.fna
7355	<i>Escherichia coli</i>	GCA_001806285.1_ASM180628v1_genomic.fna
7356	<i>Salmonella enterica</i>	GCA_001612515.1_ASM161251v1_genomic.fna
7357	<i>Salmonella enterica</i>	GCA_001617585.1_ASM161758v1_genomic.fna
7358	<i>Escherichia coli</i>	GCA_001860505.1_ASM186050v1_genomic.fna
7359	<i>Bordetella pertussis</i>	GCA_001987735.1_ASM198773v1_genomic.fna
7360	<i>Bordetella pertussis</i>	GCA_001987755.1_ASM198775v1_genomic.fna
7361	<i>Escherichia coli</i>	GCA_001865295.1_ASM186529v1_genomic.fna
7362	<i>Salmonella enterica</i>	GCA_001620115.1_ASM162011v1_genomic.fna
7363	<i>Salmonella enterica</i>	GCA_001620135.2_ASM162013v2_genomic.fna
7364	<i>Escherichia coli</i>	GCA_001874485.1_ASM187448v1_genomic.fna
7365	<i>Bordetella pertussis</i>	GCA_001987775.1_ASM198777v1_genomic.fna
7366	<i>Bordetella pertussis</i>	GCA_001987795.1_ASM198779v1_genomic.fna
7367	<i>Escherichia coli</i>	GCA_001886535.1_ASM188653v1_genomic.fna
7368	<i>Salmonella enterica</i>	GCA_001620155.1_ASM162015v1_genomic.fna
7369	<i>Salmonella enterica</i>	GCA_001620205.2_ASM162020v2_genomic.fna
7370	<i>Escherichia coli</i>	GCA_001886555.1_ASM188655v1_genomic.fna
7371	<i>Bordetella pertussis</i>	GCA_001987815.1_ASM198781v1_genomic.fna
7372	<i>Bordetella pertussis</i>	GCA_001987835.1_ASM198783v1_genomic.fna
7373	<i>Escherichia coli</i>	GCA_001886575.1_ASM188657v1_genomic.fna
7374	<i>Salmonella enterica</i>	GCA_001620225.1_ASM162022v1_genomic.fna
7375	<i>Salmonella enterica</i>	GCA_001623545.2_ASM162354v2_genomic.fna

7376	Escherichia coli	GCA_001886755.1_ASM188675v1_genomic.fna
7377	Bordetella pertussis	GCA_001987855.1_ASM198785v1_genomic.fna
7378	Bordetella pertussis	GCA_001987875.1_ASM198787v1_genomic.fna
7379	Escherichia coli	GCA_001886895.1_ASM188689v1_genomic.fna
7380	Salmonella enterica	GCA_001623585.1_ASM162358v1_genomic.fna
7381	Salmonella enterica	GCA_001623625.1_ASM162362v1_genomic.fna
7382	Escherichia coli	GCA_001886935.1_ASM188693v1_genomic.fna
7383	Bordetella pertussis	GCA_001987895.1_ASM198789v1_genomic.fna
7384	Bordetella pertussis	GCA_001987915.1_ASM198791v1_genomic.fna
7385	Escherichia coli	GCA_001888075.1_ASM188807v1_genomic.fna
7386	Salmonella enterica	GCA_001623645.1_ASM162364v1_genomic.fna
7387	Salmonella enterica	GCA_001623665.2_ASM162366v2_genomic.fna
7388	Escherichia coli	GCA_001890205.1_ASM189020v1_genomic.fna
7389	Bordetella pertussis	GCA_001987935.1_ASM198793v1_genomic.fna
7390	Bordetella pertussis	GCA_001987955.1_ASM198795v1_genomic.fna
7391	Escherichia coli	GCA_001890225.1_ASM189022v1_genomic.fna
7392	Salmonella enterica	GCA_001623685.1_ASM162368v1_genomic.fna
7393	Salmonella enterica	GCA_001623705.1_ASM162370v1_genomic.fna
7394	Escherichia coli	GCA_001890245.1_ASM189024v1_genomic.fna
7395	Bordetella pertussis	GCA_001987975.1_ASM198797v1_genomic.fna
7396	Bordetella pertussis	GCA_001987995.1_ASM198799v1_genomic.fna
7397	Escherichia coli	GCA_001890265.1_ASM189026v1_genomic.fna
7398	Salmonella enterica	GCA_001623725.1_ASM162372v1_genomic.fna
7399	Salmonella enterica	GCA_001623745.2_ASM162374v2_genomic.fna
7400	Escherichia coli	GCA_001890285.1_ASM189028v1_genomic.fna
7401	Bordetella pertussis	GCA_001988015.1_ASM198801v1_genomic.fna
7402	Bordetella pertussis	GCA_001988035.1_ASM198803v1_genomic.fna
7403	Escherichia coli	GCA_001890305.1_ASM189030v1_genomic.fna
7404	Salmonella enterica	GCA_001623765.2_ASM162376v2_genomic.fna
7405	Salmonella enterica	GCA_001623775.1_ASM162377v1_genomic.fna
7406	Escherichia coli	GCA_001890325.1_ASM189032v1_genomic.fna
7407	Bordetella pertussis	GCA_001988055.1_ASM198805v1_genomic.fna
7408	Bordetella pertussis	GCA_001988075.1_ASM198807v1_genomic.fna
7409	Escherichia coli	GCA_001890345.1_ASM189034v1_genomic.fna

7410	Salmonella enterica	GCA_001623805.1_ASM162380v1_genomic.fna
7411	Salmonella enterica	GCA_001623825.2_ASM162382v2_genomic.fna
7412	Escherichia coli	GCA_001890365.1_ASM189036v1_genomic.fna
7413	Bordetella pertussis	GCA_001988095.1_ASM198809v1_genomic.fna
7414	Bordetella pertussis	GCA_001988115.1_ASM198811v1_genomic.fna
7415	Escherichia coli	GCA_001900295.1_ASM190029v1_genomic.fna
7416	Salmonella enterica	GCA_001623845.1_ASM162384v1_genomic.fna
7417	Salmonella enterica	GCA_001628755.1_ASM162875v1_genomic.fna
7418	Escherichia coli	GCA_001900315.1_ASM190031v1_genomic.fna
7419	Bordetella pertussis	GCA_001988135.1_ASM198813v1_genomic.fna
7420	Bordetella pertussis	GCA_001988155.1_ASM198815v1_genomic.fna
7421	Escherichia coli	GCA_001900335.1_ASM190033v1_genomic.fna
7422	Salmonella enterica	GCA_001629755.1_ASM162975v1_genomic.fna
7423	Salmonella enterica	GCA_001629775.1_ASM162977v1_genomic.fna
7424	Escherichia coli	GCA_001900355.1_ASM190035v1_genomic.fna
7425	Bordetella pertussis	GCA_001988175.1_ASM198817v1_genomic.fna
7426	Bordetella pertussis	GCA_001988195.1_ASM198819v1_genomic.fna
7427	Escherichia coli	GCA_001900375.1_ASM190037v1_genomic.fna
7428	Salmonella enterica	GCA_001647045.1_ASM164704v1_genomic.fna
7429	Salmonella enterica	GCA_001647755.1_ASM164775v1_genomic.fna
7430	Escherichia coli	GCA_001900395.1_ASM190039v1_genomic.fna
7431	Bordetella pertussis	GCA_001988215.1_ASM198821v1_genomic.fna
7432	Bordetella pertussis	GCA_001988235.1_ASM198823v1_genomic.fna
7433	Escherichia coli	GCA_001900415.1_ASM190041v1_genomic.fna
7434	Salmonella enterica	GCA_001689935.1_ASM168993v1_genomic.fna
7435	Salmonella enterica	GCA_001690005.1_ASM169000v1_genomic.fna
7436	Escherichia coli	GCA_001900435.1_ASM190043v1_genomic.fna
7437	Bordetella pertussis	GCA_001988255.1_ASM198825v1_genomic.fna
7438	Bordetella pertussis	GCA_001988275.1_ASM198827v1_genomic.fna
7439	Escherichia coli	GCA_001900455.1_ASM190045v1_genomic.fna
7440	Salmonella enterica	GCA_001690035.1_ASM169003v1_genomic.fna
7441	Salmonella enterica	GCA_001690055.1_ASM169005v1_genomic.fna
7442	Escherichia coli	GCA_001900475.1_ASM190047v1_genomic.fna
7443	Bordetella pertussis	GCA_001988295.1_ASM198829v1_genomic.fna

7444	Bordetella pertussis	GCA_001988315.1_ASM198831v1_genomic.fna
7445	Escherichia coli	GCA_001900495.1_ASM190049v1_genomic.fna
7446	Salmonella enterica	GCA_001690075.1_ASM169007v1_genomic.fna
7447	Salmonella enterica	GCA_001690095.1_ASM169009v1_genomic.fna
7448	Escherichia coli	GCA_001900515.1_ASM190051v1_genomic.fna
7449	Bordetella pertussis	GCA_001988335.1_ASM198833v1_genomic.fna
7450	Bordetella pertussis	GCA_001988355.1_ASM198835v1_genomic.fna
7451	Escherichia coli	GCA_001900535.1_ASM190053v1_genomic.fna
7452	Salmonella enterica	GCA_001690115.1_ASM169011v1_genomic.fna
7453	Salmonella enterica	GCA_001690135.1_ASM169013v1_genomic.fna
7454	Escherichia coli	GCA_001900555.1_ASM190055v1_genomic.fna
7455	Bordetella pertussis	GCA_001988375.1_ASM198837v1_genomic.fna
7456	Bordetella pertussis	GCA_001988395.1_ASM198839v1_genomic.fna
7457	Escherichia coli	GCA_001900575.1_ASM190057v1_genomic.fna
7458	Salmonella enterica	GCA_001692495.1_ASM169249v1_genomic.fna
7459	Salmonella enterica	GCA_001692515.1_ASM169251v1_genomic.fna
7460	Escherichia coli	GCA_001900595.1_ASM190059v1_genomic.fna
7461	Bordetella pertussis	GCA_001988415.1_ASM198841v1_genomic.fna
7462	Bordetella pertussis	GCA_001988435.1_ASM198843v1_genomic.fna
7463	Escherichia coli	GCA_001900615.1_ASM190061v1_genomic.fna
7464	Salmonella enterica	GCA_001692535.1_ASM169253v1_genomic.fna
7465	Salmonella enterica	GCA_001692555.1_ASM169255v1_genomic.fna
7466	Escherichia coli	GCA_001900635.1_ASM190063v1_genomic.fna
7467	Bordetella pertussis	GCA_001988455.1_ASM198845v1_genomic.fna
7468	Bordetella pertussis	GCA_001988475.1_ASM198847v1_genomic.fna
7469	Escherichia coli	GCA_001900655.1_ASM190065v1_genomic.fna
7470	Salmonella enterica	GCA_001692575.1_ASM169257v1_genomic.fna
7471	Salmonella enterica	GCA_001692595.1_ASM169259v1_genomic.fna
7472	Escherichia coli	GCA_001900675.1_ASM190067v1_genomic.fna
7473	Streptococcus equi	GCA_002202295.1_ASM220229v1_genomic.fna
7474	Bordetella pertussis	GCA_001988495.1_ASM198849v1_genomic.fna
7475	Bordetella pertussis	GCA_001988515.1_ASM198851v1_genomic.fna
7476	Escherichia coli	GCA_001900695.1_ASM190069v1_genomic.fna
7477	Salmonella enterica	GCA_001692615.1_ASM169261v1_genomic.fna

7478	Salmonella enterica	GCA_001692635.1_ASM169263v1_genomic.fna
7479	Escherichia coli	GCA_001900715.1_ASM190071v1_genomic.fna
7480	Bordetella pertussis	GCA_001988535.1_ASM198853v1_genomic.fna
7481	Bordetella pertussis	GCA_001988555.1_ASM198855v1_genomic.fna
7482	Escherichia coli	GCA_001900735.1_ASM190073v1_genomic.fna
7483	Salmonella enterica	GCA_001692655.1_ASM169265v1_genomic.fna
7484	Salmonella enterica	GCA_001705055.1_ASM170505v1_genomic.fna
7485	Escherichia coli	GCA_001900775.1_ASM190077v1_genomic.fna
7486	Burkholderia cenocepacia	GCA_001718515.1_ASM171851v1_genomic.fna
7487	Bordetella pertussis	GCA_001988575.1_ASM198857v1_genomic.fna
7488	Bordetella pertussis	GCA_001988595.1_ASM198859v1_genomic.fna
7489	Escherichia coli	GCA_001900795.1_ASM190079v1_genomic.fna
7490	Salmonella enterica	GCA_001705365.1_ASM170536v1_genomic.fna
7491	Salmonella enterica	GCA_001729225.1_ASM172922v1_genomic.fna
7492	Escherichia coli	GCA_001900815.1_ASM190081v1_genomic.fna
7493	Bordetella pertussis	GCA_001988615.1_ASM198861v1_genomic.fna
7494	Bordetella pertussis	GCA_001988635.1_ASM198863v1_genomic.fna
7495	Escherichia coli	GCA_001900835.1_ASM190083v1_genomic.fna
7496	Salmonella enterica	GCA_001886995.1_ASM188699v1_genomic.fna
7497	Salmonella enterica	GCA_001887015.1_ASM188701v1_genomic.fna
7498	Escherichia coli	GCA_001900885.1_ASM190088v1_genomic.fna
7499	Bordetella pertussis	GCA_001988655.1_ASM198865v1_genomic.fna
7500	Bordetella pertussis	GCA_001988675.1_ASM198867v1_genomic.fna
7501	Escherichia coli	GCA_001900905.1_ASM190090v1_genomic.fna
7502	Salmonella enterica	GCA_001890165.1_ASM189016v1_genomic.fna
7503	Salmonella enterica	GCA_001890185.1_ASM189018v1_genomic.fna
7504	Escherichia coli	GCA_001900925.1_ASM190092v1_genomic.fna
7505	Bordetella pertussis	GCA_001988695.1_ASM198869v1_genomic.fna
7506	Bordetella pertussis	GCA_001988715.1_ASM198871v1_genomic.fna
7507	Escherichia coli	GCA_001900945.1_ASM190094v1_genomic.fna
7508	Salmonella enterica	GCA_001890445.1_ASM189044v1_genomic.fna
7509	Salmonella enterica	GCA_001922165.1_ASM192216v1_genomic.fna
7510	Escherichia coli	GCA_001900965.1_ASM190096v1_genomic.fna
7511	Bordetella pertussis	GCA_001988735.1_ASM198873v1_genomic.fna

7512	Bordetella pertussis	GCA_001988755.1_ASM198875v1_genomic.fna
7513	Escherichia coli	GCA_001900985.1_ASM190098v1_genomic.fna
7514	Salmonella enterica	GCA_001922185.1_ASM192218v1_genomic.fna
7515	Salmonella enterica	GCA_001931555.1_ASM193155v1_genomic.fna
7516	Escherichia coli	GCA_001901005.1_ASM190100v1_genomic.fna
7517	Bordetella pertussis	GCA_001988775.1_ASM198877v1_genomic.fna
7518	Bordetella pertussis	GCA_001988795.1_ASM198879v1_genomic.fna
7519	Escherichia coli	GCA_001901025.1_ASM190102v1_genomic.fna
7520	Salmonella enterica	GCA_001931575.1_ASM193157v1_genomic.fna
7521	Salmonella enterica	GCA_001931595.1_ASM193159v1_genomic.fna
7522	Escherichia coli	GCA_001901045.1_ASM190104v1_genomic.fna
7523	Bordetella pertussis	GCA_001988815.1_ASM198881v1_genomic.fna
7524	Bordetella pertussis	GCA_001988835.1_ASM198883v1_genomic.fna
7525	Escherichia coli	GCA_001901065.1_ASM190106v1_genomic.fna
7526	Salmonella enterica	GCA_001931615.1_ASM193161v1_genomic.fna
7527	Salmonella enterica	GCA_001941405.1_ASM194140v1_genomic.fna
7528	Escherichia coli	GCA_001901085.1_ASM190108v1_genomic.fna
7529	Bordetella pertussis	GCA_001988855.1_ASM198885v1_genomic.fna
7530	Bordetella pertussis	GCA_001988875.1_ASM198887v1_genomic.fna
7531	Escherichia coli	GCA_001901105.1_ASM190110v1_genomic.fna
7532	Salmonella enterica	GCA_001952995.1_ASM195299v1_genomic.fna
7533	Salmonella enterica	GCA_001953015.1_ASM195301v1_genomic.fna
7534	Escherichia coli	GCA_001901125.1_ASM190112v1_genomic.fna
7535	Bordetella pertussis	GCA_001988895.1_ASM198889v1_genomic.fna
7536	Bordetella pertussis	GCA_001988915.1_ASM198891v1_genomic.fna
7537	Escherichia coli	GCA_001901145.1_ASM190114v1_genomic.fna
7538	Salmonella enterica	GCA_001953035.1_ASM195303v1_genomic.fna
7539	Salmonella enterica	GCA_001953675.1_ASM195367v1_genomic.fna
7540	Escherichia coli	GCA_001901165.1_ASM190116v1_genomic.fna
7541	Bordetella pertussis	GCA_001988995.1_ASM198899v1_genomic.fna
7542	Bordetella pertussis	GCA_001989015.1_ASM198901v1_genomic.fna
7543	Escherichia coli	GCA_001901185.1_ASM190118v1_genomic.fna
7544	Salmonella enterica	GCA_001953695.1_ASM195369v1_genomic.fna
7545	Salmonella enterica	GCA_001956735.1_ASM195673v1_genomic.fna

7546	Escherichia coli	GCA_001901215.1_ASM190121v1_genomic.fna
7547	Bordetella pertussis	GCA_001989035.1_ASM198903v1_genomic.fna
7548	Bordetella pertussis	GCA_001989055.1_ASM198905v1_genomic.fna
7549	Escherichia coli	GCA_001901315.1_ASM190131v1_genomic.fna
7550	Salmonella enterica	GCA_001969425.1_ASM196942v1_genomic.fna
7551	Salmonella enterica	GCA_001973275.2_ASM197327v2_genomic.fna
7552	Escherichia coli	GCA_001901365.1_ASM190136v1_genomic.fna
7553	Bordetella pertussis	GCA_001989075.1_ASM198907v1_genomic.fna
7554	Bordetella pertussis	GCA_001989095.1_ASM198909v1_genomic.fna
7555	Escherichia coli	GCA_001901405.1_ASM190140v1_genomic.fna
7556	Salmonella enterica	GCA_001975245.1_ASM197524v1_genomic.fna
7557	Salmonella enterica	GCA_001975265.1_ASM197526v1_genomic.fna
7558	Escherichia coli	GCA_001901425.1_ASM190142v1_genomic.fna
7559	Bordetella pertussis	GCA_001989115.1_ASM198911v1_genomic.fna
7560	Bordetella pertussis	GCA_001989135.1_ASM198913v1_genomic.fna
7561	Escherichia coli	GCA_001901445.1_ASM190144v1_genomic.fna
7562	Salmonella enterica	GCA_001975285.1_ASM197528v1_genomic.fna
7563	Salmonella enterica	GCA_001975305.1_ASM197530v1_genomic.fna
7564	Escherichia coli	GCA_001901465.1_ASM190146v1_genomic.fna
7565	Bordetella pertussis	GCA_001989155.1_ASM198915v1_genomic.fna
7566	Bordetella pertussis	GCA_001989175.1_ASM198917v1_genomic.fna
7567	Escherichia coli	GCA_001932515.1_ASM193251v1_genomic.fna
7568	Salmonella enterica	GCA_001975325.1_ASM197532v1_genomic.fna
7569	Salmonella enterica	GCA_001975345.1_ASM197534v1_genomic.fna
7570	Escherichia coli	GCA_001936315.1_ASM193631v1_genomic.fna
7571	Bordetella pertussis	GCA_001989195.1_ASM198919v1_genomic.fna
7572	Bordetella pertussis	GCA_001989215.1_ASM198921v1_genomic.fna
7573	Escherichia coli	GCA_001969285.1_ASM196928v1_genomic.fna
7574	Salmonella enterica	GCA_001975365.1_ASM197536v1_genomic.fna
7575	Salmonella enterica	GCA_001975385.1_ASM197538v1_genomic.fna
7576	Escherichia coli	GCA_001999185.1_ASM199918v1_genomic.fna
7577	Bordetella pertussis	GCA_001989235.1_ASM198923v1_genomic.fna
7578	Bordetella pertussis	GCA_001989255.1_ASM198925v1_genomic.fna
7579	Escherichia coli	GCA_002007705.1_ASM200770v1_genomic.fna

7580	Salmonella enterica	GCA_001975405.1_ASM197540v1_genomic.fna
7581	Salmonella enterica	GCA_001975425.1_ASM197542v1_genomic.fna
7582	Escherichia coli	GCA_002009315.1_ASM200931v1_genomic.fna
7583	Bordetella pertussis	GCA_001989275.1_ASM198927v1_genomic.fna
7584	Bordetella pertussis	GCA_001989295.1_ASM198929v1_genomic.fna
7585	Escherichia coli	GCA_002011945.1_ASM201194v1_genomic.fna
7586	Salmonella enterica	GCA_001975445.1_ASM197544v1_genomic.fna
7587	Salmonella enterica	GCA_001975515.1_ASM197551v1_genomic.fna
7588	Escherichia coli	GCA_002011965.1_ASM201196v1_genomic.fna
7589	Bordetella pertussis	GCA_001989315.1_ASM198931v1_genomic.fna
7590	Bordetella pertussis	GCA_001989335.1_ASM198933v1_genomic.fna
7591	Escherichia coli	GCA_002011985.1_ASM201198v1_genomic.fna
7592	Salmonella enterica	GCA_001975555.1_ASM197555v1_genomic.fna
7593	Salmonella enterica	GCA_001975605.1_ASM197560v1_genomic.fna
7594	Escherichia coli	GCA_002012005.1_ASM201200v1_genomic.fna
7595	Bordetella pertussis	GCA_002018515.1_ASM201851v1_genomic.fna
7596	Bordetella pertussis	GCA_002021795.1_ASM202179v1_genomic.fna
7597	Escherichia coli	GCA_002012025.1_ASM201202v1_genomic.fna
7598	Salmonella enterica	GCA_001975625.1_ASM197562v1_genomic.fna
7599	Salmonella enterica	GCA_001975645.1_ASM197564v1_genomic.fna
7600	Escherichia coli	GCA_002012045.1_ASM201204v1_genomic.fna
7601	Bordetella pertussis	GCA_002068675.1_ASM206867v1_genomic.fna
7602	Bordetella pertussis	GCA_002068975.1_ASM206897v1_genomic.fna
7603	Escherichia coli	GCA_002012065.1_ASM201206v1_genomic.fna
7604	Salmonella enterica	GCA_001989635.1_ASM198963v1_genomic.fna
7605	Salmonella enterica	GCA_002009155.1_ASM200915v1_genomic.fna
7606	Escherichia coli	GCA_002012085.1_ASM201208v1_genomic.fna
7607	Bordetella pertussis	GCA_002069155.1_ASM206915v1_genomic.fna
7608	Bordetella pertussis	GCA_002240435.1_ASM224043v1_genomic.fna
7609	Escherichia coli	GCA_002012105.1_ASM201210v1_genomic.fna
7610	Salmonella enterica	GCA_002119485.1_ASM211948v1_genomic.fna
7611	Salmonella enterica	GCA_002128365.1_ASM212836v1_genomic.fna
7612	Escherichia coli	GCA_002012125.1_ASM201212v1_genomic.fna
7613	Bordetella pertussis	GCA_002240475.1_ASM224047v1_genomic.fna

7614	<i>Bordetella pertussis</i>	GCA_002240495.1_ASM224049v1_genomic.fna
7615	<i>Escherichia coli</i>	GCA_002012145.1_ASM201214v1_genomic.fna
7616	<i>Salmonella enterica</i>	GCA_002128385.1_ASM212838v1_genomic.fna
7617	<i>Salmonella enterica</i>	GCA_002163995.1_ASM216399v1_genomic.fna
7618	<i>Escherichia coli</i>	GCA_002012165.1_ASM201216v1_genomic.fna
7619	<i>Bordetella pertussis</i>	GCA_002240515.1_ASM224051v1_genomic.fna
7620	<i>Bordetella pertussis</i>	GCA_002285955.1_ASM228595v1_genomic.fna
7621	<i>Escherichia coli</i>	GCA_002012185.1_ASM201218v1_genomic.fna
7622	<i>Salmonella enterica</i>	GCA_002196535.1_ASM219653v1_genomic.fna
7623	<i>Salmonella enterica</i>	GCA_002201855.1_ASM220185v1_genomic.fna
7624	<i>Escherichia coli</i>	GCA_002012205.1_ASM201220v1_genomic.fna
7625	<i>Bordetella pertussis</i>	GCA_002285975.1_ASM228597v1_genomic.fna
7626	<i>Bordetella pertussis</i>	GCA_002285995.1_ASM228599v1_genomic.fna
7627	<i>Escherichia coli</i>	GCA_002012225.1_ASM201222v1_genomic.fna
7628	<i>Salmonella enterica</i>	GCA_002208255.1_ASM220825v1_genomic.fna
7629	<i>Salmonella enterica</i>	GCA_002208315.1_ASM220831v1_genomic.fna
7630	<i>Escherichia coli</i>	GCA_002012245.1_ASM201224v1_genomic.fna
7631	<i>Bordetella pertussis</i>	GCA_002286015.1_ASM228601v1_genomic.fna
7632	<i>Bordetella pertussis</i>	GCA_002286035.1_ASM228603v1_genomic.fna
7633	<i>Escherichia coli</i>	GCA_002012265.1_ASM201226v1_genomic.fna
7634	<i>Yersinia pestis</i>	GCA_002005285.1_ASM200528v1_genomic.fna
7635	<i>Salmonella enterica</i>	GCA_002209205.1_ASM220920v1_genomic.fna
7636	<i>Salmonella enterica</i>	GCA_002210025.1_ASM221002v1_genomic.fna
7637	<i>Escherichia coli</i>	GCA_002012305.1_ASM201230v1_genomic.fna
7638	<i>Bordetella pertussis</i>	GCA_002286055.1_ASM228605v1_genomic.fna
7639	<i>Bordetella pertussis</i>	GCA_002286075.1_ASM228607v1_genomic.fna
7640	<i>Escherichia coli</i>	GCA_002024865.1_ASM202486v1_genomic.fna
7641	<i>Salmonella enterica</i>	GCA_002211565.1_ASM221156v1_genomic.fna
7642	<i>Salmonella enterica</i>	GCA_002211585.1_ASM221158v1_genomic.fna
7643	<i>Escherichia coli</i>	GCA_002055605.1_ASM205560v1_genomic.fna
7644	<i>Bordetella pertussis</i>	GCA_002286095.1_ASM228609v1_genomic.fna
7645	<i>Bordetella pertussis</i>	GCA_002286115.1_ASM228611v1_genomic.fna
7646	<i>Escherichia coli</i>	GCA_002055635.1_ASM205563v1_genomic.fna
7647	<i>Salmonella enterica</i>	GCA_002211825.1_ASM221182v1_genomic.fna

7648	Salmonella enterica	GCA_002211845.1_ASM221184v1_genomic.fna
7649	Escherichia coli	GCA_002056065.1_ASM205606v1_genomic.fna
7650	Bordetella pertussis	GCA_002286135.1_ASM228613v1_genomic.fna
7651	Bordetella pertussis	GCA_002286155.1_ASM228615v1_genomic.fna
7652	Escherichia coli	GCA_002056145.1_ASM205614v1_genomic.fna
7653	Salmonella enterica	GCA_002211865.1_ASM221186v1_genomic.fna
7654	Salmonella enterica	GCA_002211965.1_ASM221196v1_genomic.fna
7655	Escherichia coli	GCA_002056635.1_ASM205663v1_genomic.fna
7656	Bordetella pertussis	GCA_002286175.1_ASM228617v1_genomic.fna
7657	Bordetella pertussis	GCA_002286295.1_ASM228629v1_genomic.fna
7658	Escherichia coli	GCA_002057245.1_ASM205724v1_genomic.fna
7659	Salmonella enterica	GCA_002220345.1_ASM222034v1_genomic.fna
7660	Salmonella enterica	GCA_002224405.1_ASM222440v1_genomic.fna
7661	Escherichia coli	GCA_002057355.1_ASM205735v1_genomic.fna
7662	Bordetella pertussis	GCA_002286315.1_ASM228631v1_genomic.fna
7663	Bordetella pertussis	GCA_002286335.1_ASM228633v1_genomic.fna
7664	Escherichia coli	GCA_002058765.1_ASM205876v1_genomic.fna
7665	Salmonella enterica	GCA_002234475.1_ASM223447v1_genomic.fna
7666	Salmonella enterica	GCA_002234515.1_ASM223451v1_genomic.fna
7667	Escherichia coli	GCA_002077195.1_ASM207719v1_genomic.fna
7668	Bordetella pertussis	GCA_002286355.1_ASM228635v1_genomic.fna
7669	Bordetella pertussis	GCA_002286375.1_ASM228637v1_genomic.fna
7670	Escherichia coli	GCA_002078275.1_ASM207827v1_genomic.fna
7671	Salmonella enterica	GCA_002234735.1_ASM223473v1_genomic.fna
7672	Salmonella enterica	GCA_002234755.1_ASM223475v1_genomic.fna
7673	Escherichia coli	GCA_002078295.1_ASM207829v1_genomic.fna
7674	Bordetella pertussis	GCA_002310915.1_ASM231091v1_genomic.fna
7675	Bordetella pertussis	GCA_002442615.1_ASM244261v1_genomic.fna
7676	Escherichia coli	GCA_002079225.1_ASM207922v1_genomic.fna
7677	Salmonella enterica	GCA_002234775.1_ASM223477v1_genomic.fna
7678	Salmonella enterica	GCA_002234795.1_ASM223479v1_genomic.fna
7679	Escherichia coli	GCA_002090355.1_ASM209035v1_genomic.fna
7680	Bordetella pertussis	GCA_002442635.1_ASM244263v1_genomic.fna
7681	Bordetella pertussis	GCA_002442655.1_ASM244265v1_genomic.fna

7682	Escherichia coli	GCA_002105735.1_ASM210573v1_genomic.fna
7683	Salmonella enterica	GCA_002234855.1_ASM223485v1_genomic.fna
7684	Salmonella enterica	GCA_002238275.1_ASM223827v1_genomic.fna
7685	Escherichia coli	GCA_002116715.1_ASM211671v1_genomic.fna
7686	Bordetella pertussis	GCA_002442675.1_ASM244267v1_genomic.fna
7687	Bordetella pertussis	GCA_002442695.1_ASM244269v1_genomic.fna
7688	Escherichia coli	GCA_002118095.1_ASM211809v1_genomic.fna
7689	Salmonella enterica	GCA_002290205.1_ASM229020v1_genomic.fna
7690	Salmonella enterica	GCA_002313085.1_ASM231308v1_genomic.fna
7691	Escherichia coli	GCA_002142675.1_ASM214267v1_genomic.fna
7692	Bordetella pertussis	GCA_002442715.1_ASM244271v1_genomic.fna
7693	Bordetella pertussis	GCA_002442735.1_ASM244273v1_genomic.fna
7694	Escherichia coli	GCA_002142695.1_ASM214269v1_genomic.fna
7695	Salmonella enterica	GCA_002313105.1_ASM231310v1_genomic.fna
7696	Salmonella enterica	GCA_002313125.1_ASM231312v1_genomic.fna
7697	Escherichia coli	GCA_002142715.1_ASM214271v1_genomic.fna
7698	Bordetella pertussis	GCA_002442755.1_ASM244275v1_genomic.fna
7699	Bordetella pertussis	GCA_002442775.1_ASM244277v1_genomic.fna
7700	Escherichia coli	GCA_002156825.1_ASM215682v1_genomic.fna
7701	Salmonella enterica	GCA_002386165.1_ASM238616v1_genomic.fna
7702	Salmonella enterica	GCA_002386325.1_ASM238632v1_genomic.fna
7703	Escherichia coli	GCA_002156845.1_ASM215684v1_genomic.fna
7704	Bordetella pertussis	GCA_002442795.1_ASM244279v1_genomic.fna
7705	Bordetella pertussis	GCA_002442815.1_ASM244281v1_genomic.fna
7706	Escherichia coli	GCA_002157245.1_ASM215724v1_genomic.fna
7707	Salmonella enterica	GCA_002504105.1_ASM250410v1_genomic.fna
7708	Salmonella enterica	GCA_002504125.1_ASM250412v1_genomic.fna
7709	Escherichia coli	GCA_002163655.1_ASM216365v1_genomic.fna
7710	Bordetella pertussis	GCA_900186845.1_46338_E02_genomic.fna
7711	Bordetella pertussis	GCA_900187345.1_42650_A02_genomic.fna
7712	Escherichia coli	GCA_002163695.1_ASM216369v1_genomic.fna
7713	Salmonella enterica	GCA_900086565.1_39641_H02_genomic.fna
7714	Salmonella enterica	GCA_900166885.1_39674_D01_genomic.fna
7715	Escherichia coli	GCA_002163935.1_ASM216393v1_genomic.fna

7716	<i>Escherichia coli</i>	GCA_002163955.1_ASM216395v1_genomic.fna
7717	<i>Salmonella enterica</i>	GCA_900184385.1_STMU2UK_genomic.fna
7718	<i>Salmonella enterica</i>	GCA_900185485.1_BL60006_genomic.fna
7719	<i>Escherichia coli</i>	GCA_002180055.1_ASM218005v1_genomic.fna
7720	<i>Escherichia coli</i>	GCA_002180095.1_ASM218009v1_genomic.fna
7721	<i>Salmonella enterica</i>	GCA_900205245.1_ISP_03_07467_98_genomic.fna
7722	<i>Salmonella enterica</i>	GCA_900205255.1_1554_genomic.fna
7723	<i>Escherichia coli</i>	GCA_002180135.1_ASM218013v1_genomic.fna
7724	<i>Escherichia coli</i>	GCA_002180195.1_ASM218019v1_genomic.fna
7725	<i>Salmonella enterica</i>	GCA_900205265.1_lupe_GEN0059_5_genomic.fna
7726	<i>Salmonella enterica</i>	GCA_900205275.1_403Ty_genomic.fna
7727	<i>Escherichia coli</i>	GCA_002180215.1_ASM218021v1_genomic.fna
7728	<i>Escherichia coli</i>	GCA_002180275.1_ASM218027v1_genomic.fna
7729	<i>Salmonella enterica</i>	GCA_900205295.1_E98-3139_genomic.fna
7730	<i>Escherichia coli</i>	GCA_002192275.1_ASM219227v1_genomic.fna
7731	<i>Escherichia coli</i>	GCA_002192295.1_ASM219229v1_genomic.fna
7732	<i>Escherichia coli</i>	GCA_002193095.1_ASM219309v1_genomic.fna
7733	<i>Escherichia coli</i>	GCA_002196475.1_ASM219647v1_genomic.fna
7734	<i>Escherichia coli</i>	GCA_002196495.1_ASM219649v1_genomic.fna
7735	<i>Streptococcus pyogenes</i>	GCA_000732385.1_ASM73238v1_genomic.fna
7736	<i>Streptococcus pyogenes</i>	GCA_001535505.1_ASM153550v1_genomic.fna
7737	<i>Escherichia coli</i>	GCA_002201835.1_ASM220183v1_genomic.fna
7738	<i>Escherichia coli</i>	GCA_002202175.1_ASM220217v1_genomic.fna
7739	<i>Streptococcus pyogenes</i>	GCA_001547815.1_ASM154781v1_genomic.fna
7740	<i>Escherichia coli</i>	GCA_002208865.1_ASM220886v1_genomic.fna
7741	<i>Escherichia coli</i>	GCA_002209105.1_ASM220910v1_genomic.fna
7742	<i>Escherichia coli</i>	GCA_002211725.1_ASM221172v1_genomic.fna
7743	<i>Escherichia coli</i>	GCA_002214205.1_ASM221420v1_genomic.fna
7744	<i>Escherichia coli</i>	GCA_002214745.1_ASM221474v1_genomic.fna
7745	<i>Escherichia coli</i>	GCA_002215095.1_ASM221509v1_genomic.fna
7746	<i>Escherichia coli</i>	GCA_002215115.1_ASM221511v1_genomic.fna
7747	<i>Escherichia coli</i>	GCA_002220215.1_ASM222021v1_genomic.fna
7748	<i>Escherichia coli</i>	GCA_002220265.1_ASM222026v1_genomic.fna
7749	<i>Escherichia coli</i>	GCA_002237285.1_ASM223728v1_genomic.fna

7750	Escherichia coli	GCA_002237305.1_ASM223730v1_genomic.fna
7751	Escherichia coli	GCA_002237325.1_ASM223732v1_genomic.fna
7752	Escherichia coli	GCA_002249955.1_ASM224995v1_genomic.fna
7753	Escherichia coli	GCA_002269325.1_ASM226932v1_genomic.fna
7754	Escherichia coli	GCA_002278115.2_ASM227811v2_genomic.fna
7755	Escherichia coli	GCA_002285755.1_ASM228575v1_genomic.fna
7756	Escherichia coli	GCA_002302315.1_ASM230231v1_genomic.fna
7757	Escherichia coli	GCA_002302335.1_ASM230233v1_genomic.fna
7758	Escherichia coli	GCA_002310555.1_ASM231055v1_genomic.fna
7759	Escherichia coli	GCA_002310575.1_ASM231057v1_genomic.fna
7760	Escherichia coli	GCA_002310595.1_ASM231059v1_genomic.fna
7761	Escherichia coli	GCA_002310615.1_ASM231061v1_genomic.fna
7762	Escherichia coli	GCA_002310635.1_ASM231063v1_genomic.fna
7763	Escherichia coli	GCA_002310655.1_ASM231065v1_genomic.fna
7764	Escherichia coli	GCA_002310675.1_ASM231067v1_genomic.fna
7765	Escherichia coli	GCA_002310695.1_ASM231069v1_genomic.fna
7766	Escherichia coli	GCA_002310715.1_ASM231071v1_genomic.fna
7767	Escherichia coli	GCA_002310735.1_ASM231073v1_genomic.fna
7768	Escherichia coli	GCA_002357875.1_ASM235787v1_genomic.fna
7769	Escherichia coli	GCA_002357895.1_ASM235789v1_genomic.fna
7770	Escherichia coli	GCA_002357915.1_ASM235791v1_genomic.fna
7771	Escherichia coli	GCA_002393365.1_ASM239336v1_genomic.fna
7772	Escherichia coli	GCA_002393465.1_ASM239346v1_genomic.fna
7773	Escherichia coli	GCA_002587005.1_ASM258700v1_genomic.fna
7774	Escherichia coli	GCA_002589795.1_ASM258979v1_genomic.fna
7775	Escherichia coli	GCA_002591135.1_ASM259113v1_genomic.fna
7776	Escherichia coli	GCA_002716885.1_ASM271688v1_genomic.fna
7777	Escherichia coli	GCA_900092615.1_PRJEB14041_genomic.fna
7778	Escherichia coli	GCA_900096795.1_Ecoli_AG100_Sample3_Doxycycline_Assembly_genomic.fna
7779	Escherichia coli	GCA_900096845.1_Ecoli_AG100_Sample3_M9_Assembly_genomic.fna
7780	Escherichia coli	GCA_900149875.1_EPEC1_genomic.fna
7781	Escherichia coli	GCA_900174625.1_WI1-reUpload_genomic.fna
7782	Escherichia coli	GCA_900186905.1_49923_G01_genomic.fna
7783	Bacillus thuringiensis	GCA_000774075.2_ASM77407v2_genomic.fna

7784	<i>Bacillus thuringiensis</i>	GCA_001675515.1_ASM167551v1_genomic.fna
7785	<i>Legionella pneumophila</i>	GCA_000277025.1_ASM27702v1_genomic.fna
7786	<i>Legionella pneumophila</i>	GCA_000277065.1_ASM27706v1_genomic.fna
7787	<i>Legionella pneumophila</i>	GCA_000404245.1_ASM40424v1_genomic.fna
7788	<i>Enterobacter cloacae</i>	GCA_001620245.1_ASM162024v1_genomic.fna
7789	<i>Bordetella pertussis</i>	GCA_001558395.1_ASM155839v1_genomic.fna
7790	<i>Vibrio cholerae</i>	GCA_001045415.1_ASM104541v1_genomic.fna
7791	<i>Burkholderia pseudomallei</i>	GCA_000494855.1_ASM49485v1_genomic.fna
7792	<i>Burkholderia pseudomallei</i>	GCA_002111225.1_ASM211122v1_genomic.fna
7793	<i>Burkholderia pseudomallei</i>	GCA_002111285.1_ASM211128v1_genomic.fna
7794	<i>Enterococcus faecium</i>	GCA_001594345.1_ASM159434v1_genomic.fna
7795	<i>Enterococcus faecium</i>	GCA_900094185.1_Ef_DMG1500501_genomic.fna
7796	<i>Helicobacter pylori</i>	GCA_000262655.1_ASM26265v1_genomic.fna
7797	<i>Helicobacter pylori</i>	GCA_001549855.1_ASM154985v1_genomic.fna
7798	<i>Helicobacter pylori</i>	GCA_001549875.1_ASM154987v1_genomic.fna
7799	<i>Campylobacter coli</i>	GCA_000583775.1_ASM58377v1_genomic.fna
7800	<i>Campylobacter coli</i>	GCA_001305715.1_ASM130571v1_genomic.fna
7801	<i>Streptococcus agalactiae</i>	GCA_000427055.1_ILRI112_genomic.fna
7802	<i>Streptococcus agalactiae</i>	GCA_000599965.1_ASM59996v1_genomic.fna
7803	<i>Streptococcus agalactiae</i>	GCA_000636115.1_ASM63611v1_genomic.fna
7804	<i>Streptococcus agalactiae</i>	GCA_000967445.1_ASM96744v1_genomic.fna
7805	<i>Streptococcus agalactiae</i>	GCA_001190865.1_ASM119086v1_genomic.fna
7806	<i>Streptococcus agalactiae</i>	GCA_001655175.1_ASM165517v1_genomic.fna
7807	<i>Streptococcus agalactiae</i>	GCA_001908255.1_ASM190825v1_genomic.fna
7808	<i>Streptococcus suis</i>	GCA_000014305.1_ASM1430v1_genomic.fna
7809	<i>Streptococcus suis</i>	GCA_000014325.1_ASM1432v1_genomic.fna
7810	<i>Streptococcus suis</i>	GCA_900143575.1_LS9N_genomic.fna
7811	<i>Bacillus cereus</i>	GCA_000724585.1_ASM72458v1_genomic.fna
7812	<i>Shigella sonnei</i>	GCA_002224465.1_ASM222446v1_genomic.fna
7813	<i>Clostridioides difficile</i>	GCA_000210415.1_ASM21041v1_genomic.fna
7814	<i>Clostridioides difficile</i>	GCA_000210455.1_ASM21045v1_genomic.fna
7815	<i>Clostridioides difficile</i>	GCA_000211235.1_ASM21123v1_genomic.fna
7816	<i>Clostridioides difficile</i>	GCA_001010825.1_ASM101082v1_genomic.fna
7817	<i>Clostridioides difficile</i>	GCA_001447175.1_ASM144717v1_genomic.fna

7818	<i>Clostridioides difficile</i>	GCA_001984465.1_ASM198446v1_genomic.fna
7819	<i>Campylobacter jejuni</i>	GCA_000184085.1_ASM18408v1_genomic.fna
7820	<i>Campylobacter jejuni</i>	GCA_001506325.1_ASM150632v1_genomic.fna
7821	<i>Listeria monocytogenes</i>	GCA_000382925.1_ASM38292v1_genomic.fna
7822	<i>Listeria monocytogenes</i>	GCA_000382945.1_ASM38294v1_genomic.fna
7823	<i>Acinetobacter baumannii</i>	GCA_000015425.1_ASM1542v1_genomic.fna
7824	<i>Acinetobacter baumannii</i>	GCA_000189735.2_ASM18973v2_genomic.fna
7825	<i>Acinetobacter baumannii</i>	GCA_000307975.2_ASM30797v2_genomic.fna
7826	<i>Acinetobacter baumannii</i>	GCA_002009115.1_ASM200911v1_genomic.fna
7827	<i>Pseudomonas aeruginosa</i>	GCA_001465155.1_ASM146515v1_genomic.fna
7828	<i>Klebsiella pneumoniae</i>	GCA_000714635.1_ASM71463v1_genomic.fna
7829	<i>Mycobacterium tuberculosis</i>	GCA_000270345.1_ASM27034v1_genomic.fna
7830	<i>Mycobacterium tuberculosis</i>	GCA_000277085.1_ASM27708v1_genomic.fna
7831	<i>Mycobacterium tuberculosis</i>	GCA_000277105.1_ASM27710v1_genomic.fna
7832	<i>Mycobacterium tuberculosis</i>	GCA_000389905.1_ASM38990v1_genomic.fna
7833	<i>Mycobacterium tuberculosis</i>	GCA_000389925.1_ASM38992v1_genomic.fna
7834	<i>Mycobacterium tuberculosis</i>	GCA_000954155.1_ASM95415v1_genomic.fna
7835	<i>Mycobacterium tuberculosis</i>	GCA_001544675.1_ASM154467v1_genomic.fna
7836	<i>Mycobacterium tuberculosis</i>	GCA_001544895.1_ASM154489v1_genomic.fna
7837	<i>Mycobacterium tuberculosis</i>	GCA_001544935.1_ASM154493v1_genomic.fna
7838	<i>Mycobacterium tuberculosis</i>	GCA_001544985.1_ASM154498v1_genomic.fna
7839	<i>Mycobacterium tuberculosis</i>	GCA_001545055.1_ASM154505v1_genomic.fna
7840	<i>Salmonella enterica</i>	GCA_000272795.2_ASM27279v2_genomic.fna
7841	<i>Salmonella enterica</i>	GCA_000444445.1_ASM44444v1_genomic.fna
7842	<i>Salmonella enterica</i>	GCA_000486525.2_ASM48652v2_genomic.fna
7843	<i>Salmonella enterica</i>	GCA_001278275.1_ASM127827v1_genomic.fna
7844	<i>Salmonella enterica</i>	GCA_001278295.1_ASM127829v1_genomic.fna
7845	<i>Salmonella enterica</i>	GCA_001302625.1_ASM130262v1_genomic.fna
7846	<i>Salmonella enterica</i>	GCA_002079245.1_ASM207924v1_genomic.fna
7847	<i>Salmonella enterica</i>	GCA_002208195.1_ASM220819v1_genomic.fna
7848	<i>Salmonella enterica</i>	GCA_002208965.1_ASM220896v1_genomic.fna
7849	<i>Salmonella enterica</i>	GCA_002209225.1_ASM220922v1_genomic.fna
7850	<i>Staphylococcus aureus</i>	GCA_000709475.1_ASM70947v1_genomic.fna
7851	<i>Staphylococcus aureus</i>	GCA_001641045.1_ASM164104v1_genomic.fna

7852	Staphylococcus aureus	GCA_001717665.1_ASM171766v1_genomic.fna
7853	Staphylococcus aureus	GCA_001717685.1_ASM171768v1_genomic.fna
7854	Staphylococcus aureus	GCA_001717705.1_ASM171770v1_genomic.fna
7855	Staphylococcus aureus	GCA_001717725.1_ASM171772v1_genomic.fna
7856	Staphylococcus aureus	GCA_001717975.1_ASM171797v1_genomic.fna
7857	Staphylococcus aureus	GCA_900155335.1_NZ15MR0322_genomic.fna
7858	Escherichia coli	GCA_000988425.1_ASM98842v1_genomic.fna
7859	Escherichia coli	GCA_000988445.1_ASM98844v1_genomic.fna
7860	Escherichia coli	GCA_001513655.1_ASM151365v1_genomic.fna
7861	Escherichia coli	GCA_002215155.1_ASM221515v1_genomic.fna
