

C1F6H5	CINAL ACIC5	Acidobacterium capsulatum (strain ATCC 51196)	Acidobacteria
Q1IPQ9	CINAL KORVE	Koribacter versatilis (strain Ellin345)	Acidobacteria
Q028J4	CINAL SOLUE	Solibacter usitatus (strain Ellin6076)	Acidobacteria
A0LV09	CINAL ACIC1	Acidothermus cellulolyticus (strain ATCC 43068)	Actinobacteria
Q2J752	CINAL FRASC	Frankia sp. (strain Ccl3)	Actinobacteria
C1API1	CINAL MYCBT	Mycobacterium bovis (strain BCG)	Actinobacteria
A4TAK5	CINAL MYCGI	Mycobacterium gilvum (strain PYR-GCK)	Actinobacteria
Q9X7D6	CINAL MYCLE	Mycobacterium leprae (strain TN)	Actinobacteria
B2HDA1	CINAL MYCMM	Mycobacterium marinum (strain ATCC BAA-535)	Actinobacteria
Q73ZH8	CINAL MYCPA	Mycobacterium paratuberculosis (strain ATCC BAA-968)	Actinobacteria
A0QY28	CINAL MYCS2	Mycobacterium smegmatis (strain ATCC 700084)	Actinobacteria
A3Q040	CINAL MYCSJ	Mycobacterium sp. (strain JLS)	Actinobacteria
A1T9F4	CINAL MYCVP	Mycobacterium vanbaalenii (strain DSM 7251)	Actinobacteria
Q1AT03	CINAL RUBXD	Rubrobacter xylanophilus (strain DSM 9941)	Actinobacteria
D9UE64	D9UE64 9ACTO	Streptomyces sp. SPB78	Actinobacteria
B2V6Y9	CINAL SULSY	Sulfurihydrogenibium sp. (strain YO3AOP1)	Aquificae
Q9YAF9	Y1980 AERPE	Aeropyrum pernix (strain ATCC 700893)	Archaea
A8ME30	Y1209 CALMQ	Caldivirga maquilingensis (strain ATCC 700844)	Archaea
Q8ZYA5	Y875 PYRAE	Pyrobaculum aerophilum (strain ATCC 51768)	Archaea
A4WH44	Y096 PYRAR	Pyrobaculum arsenaticum (strain DSM 13514)	Archaea
A3MS85	Y062 PYRCJ	Pyrobaculum calidifontis (strain JCM 11548)	Archaea
Q9UYB5	Y1593 PYRAB	Pyrococcus abyssi (strain GE5)	Archaea
Q8U3J0	Y476 PYRFU	Pyrococcus furiosus (strain ATCC 43587)	Archaea
O58186	Y439 PYRHO	Pyrococcus horikoshii (strain ATCC 700860)	Archaea
Q5JJB4	Y1472 PYRKO	Pyrococcus kodakaraensis (strain ATCC BAA-918)	Archaea
C4KJ66	Y2028 SULIK	Sulfolobus islandicus (strain M.16.4)	Archaea
P95958	Y103 SULSO	Sulfolobus solfataricus (strain ATCC 35092)	Archaea
Q971E0	Y1413 SULTO	Sulfolobus tokodaii (strain DSM 16993)	Archaea
Q9HKV6	Y487 THEAC	Thermoplasma acidophilum (strain ATCC 25905)	Archaea
Q97B73	Y584 THEVO	Thermoplasma volcanium (strain ATCC 51530)	Archaea
B3ER86	CINAL AMOA5	Amoebophilus asiaticus (strain 5a2)	Bacteroidetes
Q5LCF4	CINAL BACFN	Bacteroides fragilis (strain ATCC 25285)	Bacteroidetes
Q11S34	CINAL CYTH3	Cytophaga hutchinsonii (strain ATCC 33406)	Bacteroidetes
A5F9Y3	CINAL FLAJ1	Flavobacterium johnsoniae (strain ATCC 17061)	Bacteroidetes
A6GZ17	CINAL FLAPJ	Flavobacterium psychrophilum (strain JIP02)	Bacteroidetes
A0M3L5	CINAL GRAFK	Gramella forsetii (strain KT0803)	Bacteroidetes
Q2S304	CINAL SALRD	Salinibacter ruber (strain DSM 13855)	Bacteroidetes
B3QL60	CINAL CHLP8	Chlorobaculum parvum (strain NCIB 8327)	Chlorobi
CQ3AUA4	CINAL CHLCH	Chlorobium chlorochromatii (strain CaD3)	Chlorobi
B3EHJ0	CINAL CHLL2	Chlorobium limicola (strain DSM 245)	Chlorobi
B3EL42	CINAL CHLPB	Chlorobium phaeobacteroides (strain BS1)	Chlorobi
A1BJF2	CINAL CHLPD	Chlorobium phaeobacteroides (strain DSM 266)	Chlorobi
Q8KAX2	CINAL CHLTE	Chlorobium tepidum (strain ATCC 49652)	chlorobi
B3QTC8	CINAL CHLT3	Chloroherpeton thalassium (strain ATCC 35110)	Chlorobi
Q3B1F7	CINAL PELLD	Pelodictyon luteolum (strain DSM 273)	Chlorobi
A4SGM6	CINAL PROVI	Prosthecochloris vibrioformis (strain DSM 265)	Chlorobi
A9WJE6	A9WJE6 CHLAA	Chloroflexus aurantiacus (strain ATCC 29366)	Chloroflexi
B9L1M7	CINAL THERP	Thermomicrobium roseum (strain ATCC 27502)	Chloroflexi
B0CEJ2	CINAL ACAM1	Acaryochloris marina (strain MBIC 11017)	Cyanobacteria
Q3MBD6	CINAL ANAVT	Anabaena variabilis (strain ATCC 29413)	Cyanobacteria

B1WSM0	CINAL CYAA5	Cyanothece sp. (strain ATCC 51142)	Cyanobacteria
B7KFE8	CINAL CYAP7	Cyanothece sp. (strain PCC 7424)	Cyanobacteria
B8HR57	CINAL CYAP4	Cyanothece sp. (strain PCC 7425)	Cyanobacteria
B7JYM6	CINAL CYAP8	Cyanothece sp. (strain PCC 8801)	Cyanobacteria
Q7NHU4	CINAL GLOVI	Gloeobacter violaceus (strain PCC 7421)	Cyanobacteria
B0JVG7	CINAL MICAN	Microcystis aeruginosa (strain NIES-843)	Cyanobacteria
B2J2A3	CINAL NOSP7	Nostoc punctiforme (strain ATCC 29133)	Cyanobacteria
Q8YMW6	CINAL NOSS1	Nostoc sp. (strain PCC 7120)	Cyanobacteria
CA2BP56	CINAL PROMS	Prochlorococcus marinus (strain AS9601)	Cyanobacteria
A8G2R7	CINAL PROM2	Prochlorococcus marinus (strain MIT 9215)	Cyanobacteria
A3PAX8	CINAL PROM0	Prochlorococcus marinus (strain MIT 9301)	Cyanobacteria
Q31CS5	CINAL PROM9	Prochlorococcus marinus (strain MIT 9312)	Cyanobacteria
Q7TUN0	CINAL PROMM	Prochlorococcus marinus (strain MIT 9313)	Cyanobacteria
CA2BUN8	CINAL PROM5	Prochlorococcus marinus (strain MIT 9515)	Cyanobacteria
A2C089	CINAL PROM1	Prochlorococcus marinus (strain NATL1A)	Cyanobacteria
Q7VDS9	CINAL PROMA	Prochlorococcus marinus (strain SARG)	Cyanobacteria
Q7TUG2	CINAL PROMP	Prochlorococcus marinus subsp. pastoris (strain CCMP1986)	Cyanobacteria
Q5N2P7	CINAL SYNTP6	Synechococcus sp. (strain ATCC 27144)	Cyanobacteria
B1XKM7	CINAL SYNTP2	Synechococcus sp. (strain ATCC 27264)	Cyanobacteria
Q3AN01	CINAL SYNCS	Synechococcus sp. (strain CC9605)	Cyanobacteria
Q3AW20	CINAL SYNCS9	Synechococcus sp. (strain CC9902)	Cyanobacteria
A5GWH4	CINAL SYNRS3	Synechococcus sp. (strain RCC307)	Cyanobacteria
A5GIG6	CINAL SYNTPW	Synechococcus sp. (strain WH7803)	Cyanobacteria
Q7U9J5	CINAL SYNTPX	Synechococcus sp. (strain WH8102)	Cyanobacteria
Q55760	CINAL SYNYS3	Synechocystis sp. (strain PCC 6803)	Cyanobacteria
Q8DH31	CINAL THEEB	Thermosynechococcus elongatus (strain BP-1)	Cyanobacteria
Q111G9	CINAL TRIEI	Trichodesmium erythraeum (strain IMS101)	Cyanobacteria
C1CXY3	CINAL DEIDV	Deinococcus deserti (strain VCD115)	Deinococcus-Thermus
Q1IWF4	CINAL DEIGD	Deinococcus geothermalis (strain DSM 11300)	Deinococcus-Thermus
CINAL	CINAL DEIRA	Deinococcus radiodurans (strain ATCC 13939)	Deinococcus-Thermus
O32508	CINAL DEIRA2	Deinococcus radiodurans (strain ATCC 13939)	Deinococcus-Thermus
B5YB52	CINAL DICT6	Dictyoglomus thermophilum (strain ATCC 35947)	Dictyoglomi
B8DYM0	CINAL DICTD	Dictyoglomus turgidum (strain Z-1310)	Dictyoglomi
B1GZ34	CINAL UNCTG	Uncultured termite group 1 bacterium phylotype Rs-D17	Environmental sample
Q59VN7	Q59VN7 CANAL	Candida albicans (strain SC5314)	Eukaryota Fungi
B9W7J7	B9W7J7 CANDC	Candida dubliniensis (strain CD36)	Eukaryota Fungi
A5DWE6	A5DWE6 LODEL	Lodderomyces elongisporus (strain ATCC 11503)	Eukaryota Fungi
A6TNW2	CINA ALKMQ	Alkaliphilus metalliredigens (strain QYMF)	Firmicutes
A8MI49	CINA ALKOO	Alkaliphilus oremlandii (strain OhILAs)	Firmicutes
B7GJN4	CINA ANOFW	Anoxybacillus flavithermus (strain DSM 21510)	Firmicutes
A7Z4W4	CINA BACA2	Bacillus amyloliquefaciens (strain FZB42)	Firmicutes
B7HDQ5	CINA BACC4	Bacillus cereus (strain B4264)	Firmicutes
B7ITN2	CINA BACC2	Bacillus cereus (strain G9842)	Firmicutes
A7GRB0	CINA BACCN	Bacillus cereus subsp. cytotoxis (strain NVH 391-98)	Firmicutes
Q5FWF9	CINA BACSK	Bacillus clausii (strain KSM-K16)	Firmicutes
Q9KAA5	CINA BACHD	Bacillus halodurans (strain ATCC BAA-125)	Firmicutes
Q65JF3	CINA BACLD	Bacillus licheniformis (strain DSM 13)	Firmicutes
A8FDG2	CINA BACP2	Bacillus pumilus (strain SAFR-032)	Firmicutes
P46323	CINA BACSU	Bacillus subtilis (strain 168)	Firmicutes
Q6HF34	CINA BACHK	Bacillus thuringiensis subsp. konkukian (strain 97-27)	Firmicutes

A9VS24	CINA BACWK	Bacillus weihenstephanensis (strain KBAB4)	Firmicutes
B9MQY2	CINA ANATD	Caldicellulosiruptor bescii (strain ATCC BAA-1888)	Firmicutes
A4XLD7	CINA CALS8	Caldicellulosiruptor saccharolyticus (strain ATCC 43494)	Firmicutes
Q97D94	CINA CLOAB	Clostridium acetobutylicum (strain ATCC 824)	Firmicutes
A6M320	CINA CLOB8	Clostridium beijerinckii (strain ATCC 51743)	Firmicutes
B1KSY5	CINA CLOBM	Clostridium botulinum (strain Loch Maree)	Firmicutes
A7G9W4	CINA CLOBL	Clostridium botulinum (strain Langeland)	Firmicutes
B8I7D0	CINA CLOCE	Clostridium cellulolyticum (strain ATCC 35319)	Firmicutes
Q18BS8	CINA CLOD6	Clostridium difficile (strain 630)	Firmicutes
B9E6E0	CINA CLOK1	Clostridium kluyveri (strain NBRC 12016)	Firmicutes
A0PXD7	CINA CLONN	Clostridium novyi	Firmicutes
Q0SWN5	CINA CLOPS	Clostridium perfringens (strain SM101)	Firmicutes
Q898T5	CINA CLOTE	Clostridium tetani (strain Massachusetts)	Firmicutes
A3DEA5	CINA CLOTH	Clostridium thermocellum (strain ATCC 27405)	Firmicutes
B1I313	CINA DESAP	Desulforudis audaxviator (strain MP104C)	Firmicutes
A4J5U0	CINA DESRM	Desulfotomaculum reducens (strain MI-1)	Firmicutes
Q82Z98	CINA ENTFA	Enterococcus faecalis (strain ATCC 700802)	Firmicutes
B1YMB8	CINA EXIS2	Exiguobacterium sibiricum (strain DSM 17290)	Firmicutes
B0S3U9	CINA FINM2	Finegoldia magna (strain ATCC 29328)	Firmicutes
Q5L0F7	CINA GEOKA	Geobacillus kaustophilus (strain HTA426)	Firmicutes
C5D9G1	CINA GEOSW	Geobacillus sp. (strain WCH70)	Firmicutes
8CXC3	CINA HALOH	Halotheothrix orenii (strain H 168)	Firmicutes
Q03R28	CINA LACBA	Lactobacillus brevis (strain ATCC 367)	Firmicutes
B3WCM0	CINA LACCB	Lactobacillus casei (strain BL23)	Firmicutes
B2GB14	CINA LACF3	Lactobacillus fermentum (strain NBRC 3956)	Firmicutes
Q88UZ3	CINA LACPL	Lactobacillus plantarum (strain ATCC BAA-793)	Firmicutes
A5VIW6	CINA LACRD	Lactobacillus reuteri (strain DSM 20016)	Firmicutes
B1N0C1	CINA LEUCK	Leuconostoc citreum (strain KM20)	Firmicutes
Q92BV8	CINA LISIN	Listeria innocua serovar 6a (strain CLIP 11262)	Firmicutes
Q71ZS3	CINA LISMF	Listeria monocytogenes serotype 4b (strain F2365)	Firmicutes
A0AIJ9	CINA LISW6	Listeria welshimeri serovar 6b (strain ATCC 35897)	Firmicutes
B1HR35	CINA LYSSC	Lysinibacillus sphaericus (strain C3-41)	Firmicutes
Q2RKI6	CINA MOOTA	Moorella thermoacetica (strain ATCC 39073)	Firmicutes
B2A3C4	CINA NATTJ	Natranaerobius thermophilus (strain ATCC BAA-1301)	Firmicutes
Q8EQR8	CINA OCEIH	Oceanobacillus iheyensis (strain DSM 14371)	Firmicutes
Q03EQ4	CINA PEDPA	Pediococcus pentosaceus (strain ATCC 25745)	Firmicutes
CA5D2R7	CINA PELTS	Pelotomaculum thermopropionicum (strain DSM 13744)	Firmicutes
Q5HGE7	Q5HGE7 STAAC	Staphylococcus aureus (strain COL)	Firmicutes
Q8E2R9	CINA STRA3	Streptococcus agalactiae serotype III (strain NEM316)	Firmicutes
C0MGB7	CINA STRS7	Streptococcus equi subsp. zooepidemicus (strain H70)	Firmicutes
A8AZT4	CINA STRGC	Streptococcus gordonii (strain Challis)	Firmicutes
Q8DRX2	CINA STRMU	Streptococcus mutans serotype c (strain ATCC 700610)	Firmicutes
C1C9K9	CINA STRP7	Streptococcus pneumoniae (strain 70585)	Firmicutes
B5XJ05	CINA STRPZ	Streptococcus pyogenes serotype M49 (strain NZ131)	Firmicutes
A4VYN4	CINA STRS2	Streptococcus suis (strain 98HAH33)	Firmicutes
B9WXF1	B9WXF1 STRSU	Streptococcus suis 89/1591	Firmicutes
Q5M6H3	CINA STRT2	Streptococcus thermophilus (strain ATCC BAA-250)	Firmicutes
B9DW66	CINA STRU0	Streptococcus uberis (strain ATCC BAA-854)	Firmicutes
Q67NW5	CINA SYMTH	Symbiobacterium thermophilum (strain T)	Firmicutes
Q0AXI8	CINAL SYNS3	Syntrophomonas wolfei subsp. wolfei (strain Goettingen)	Firmicutes

Q0IDD6	CINAL SYNWW	Syntrophomonas wolfei subsp. wolfei (strain Goettingen)	Firmicutes
B0K9N3	CINA THEP3	Thermoanaerobacter pseudethanolicus (strain ATCC 33223)	Firmicutes
Q8RA54	CINA THETN	Thermoanaerobacter tengcongensis (strain DSM 15242)	Firmicutes
Q8RHR9	CINAL FUSNN	Fusobacterium nucleatum subsp. nucleatum (strain ATCC 25586)	Fusobacteria
D1AL40	D1AL40 SEBTE	Sebaldella termitidis (strain ATCC 33386)	Fusobacteria
C1A7F4	CINAL GEMAT	Gemmatimonas aurantiaca (strain T-27)	Gemmatimonadetes
E6QAI2	E6QAI2 9ZZZ	mine drainage metagenome	Metagenome
D2R7K4	D2R7K4 PIRSD	Pirellula staleyi (strain ATCC 27377)	Planctomycetes
B7J7A7	B7J7A7 ACIF2	Acidithiobacillus ferrooxidans (strain ATCC 23270)	Proteobacteria
B5EQ46	B5EQ46 ACIF5	Acidithiobacillus ferrooxidans (strain ATCC 53993)	Proteobacteria
A9CJ26	CINA AGRT5	Agrobacterium tumefaciens (strain C58)	Proteobacteria
D3RTT7	D3RTT7 ALLVD	Allochromatium vinosum (strain ATCC 17899)	Proteobacteria
B8J6V6	CINAL ANAD2	Anaeromyxobacter dehalogenans (strain 2CP-1)	Proteobacteria
A7HGS8	CINAL ANADF	Anaeromyxobacter sp. (strain Fw109-5)	Proteobacteria
A5ES77	A5ES77 BRASB	Bradyrhizobium sp. (strain BTAi1)	Proteobacteria
F4QYT4	F4QYT4 BREDI	Brevundimonas diminuta ATCC 11568	Proteobacteria
Q57D17	Q57D17 BRUAB	Brucella abortus biovar 1 (strain 9-941)	Proteobacteria
B1YSY9	B1YSY9 BUR44	Burkholderia ambifaria (strain MC40-6)	Proteobacteria
E8YFC1	E8YFC1 9BURK	Burkholderia sp. CCGE1001	Proteobacteria
Q47XX0	CINAL COLP3	Colwellia psychrerythraea (strain 34H)	Proteobacteria
C0QI20	CINAL DESAH	Desulfobacterium autotrophicum (strain ATCC 43914)	Proteobacteria
A8ZZX4	CINAL DESOH	Desulfococcus oleovorans (strain DSM 6200)	Proteobacteria
Q6AIZ4	CINAL DESPS	Desulfotalea psychrophila (strain LSv54)	Proteobacteria
B8J0U1	CINAL DESDA	Desulfovibrio desulfuricans (strain ATCC 27774)	Proteobacteria
D2BUH5	D2BUH5 DICD5	Dickeya dadantii (strain Ech586)	Proteobacteria
P51967	YGAD ENTAG	Enterobacter agglomerans (Erwinia herbicola)	Proteobacteria
K4YRF4	K4YRF4 9ENTR	Enterobacter sp. SST3	Proteobacteria
E5B2F5	E5B2F5 ERWAM	Erwinia amylovora ATCC BAA-2158	Proteobacteria
YFAY	YFAY ECOLI	Escherichia coli (strain K12)	Proteobacteria
P0A6G3	YDEJ ECOLI	Escherichia coli (strain K12)	Proteobacteria
YDEJ	YGAD ECOLI	Escherichia coli (strain K12)	Proteobacteria
B1LLK3	CINAL ECOSM	Escherichia coli (strain SMS-3-5)	Proteobacteria
I1B4U7	I1B4U7 ECOLX	Escherichia coli AI27	Proteobacteria
B5ED03	CINAL GEOBB	Geobacter bemidjiensis (strain Bem)	Proteobacteria
Q39Z82	CINAL GEOMG	Geobacter metallireducens (strain GS-15)	Proteobacteria
B9M363	CINAL GEOSF	Geobacter sp. (strain FRC-32)	Proteobacteria
C6E6X4	CINAL GEOSM	Geobacter sp. (strain M21)	Proteobacteria
Q74GV1	CINAL GEOSL	Geobacter sulfurreducens (strain ATCC 51573)	Proteobacteria
A5GDB4	CINAL GEOUR	Geobacter uraniireducens (strain Rf4)	Proteobacteria
O25606	O25606 HELPY	Helicobacter pylori (strain ATCC 700392)	Proteobacteria
C7BZK4	C7BZK4 HELPB	Helicobacter pylori (strain B38)	Proteobacteria
Q1CSR9	Q1CSR9 HELPH	Helicobacter pylori (strain HPAG1)	Proteobacteria
E1Q2T3	E1Q2T3 HELPP	Helicobacter pylori (strain PeCan4)	Proteobacteria
E1Q060	E1Q060 HELPM	Helicobacter pylori (strain SJM180)	Proteobacteria
D6XQJ5	D6XQJ5 HELPV	Helicobacter pylori (strain v225d)	Proteobacteria
B9XV77	B9XV77 HELPX	Helicobacter pylori 98-10	Proteobacteria
F9U1V6	F9U1V6 MARPU	Marichromatium purpuratum 984	Proteobacteria
A6EV18	A6EV18 9ALTE	Marinobacter algicola DG893	Proteobacteria
Q1DCC8	CINAL MYXXD	Myxococcus xanthus (strain DK 1622)	Proteobacteria
F9EYU4	F9EYU4 9NEIS	Neisseria macacae ATCC 33926	Proteobacteria

D5BZJ2	D5BZJ2 NITHN	Nitrosococcus halophilus (strain Nc4)	Proteobacteria
G9ALV0	G9ALV0 PANAN	Pantoea ananatis LMG 5342	Proteobacteria
Q3A1W5	CINAL PELCD	Pelobacter carbinolicus (strain DSM 2380)	Proteobacteria
A1ALN8	CINAL PELPD	Pelobacter propionicus strain DSM 2379	Proteobacteria
Q6LPD0	Q6LPD0 PHOPR	Photobacterium profundum (Photobacterium sp. (strain SS9))	Proteobacteria
C7BHV9	C7BHV9 PHOAA	Photorhabdus asymbiotica subsp. asymbiotica (strain ATCC 43949)	Proteobacteria
K1GRG5	K1GRG5 PROMI	Proteus mirabilis WGLW4	Proteobacteria
D4C4M2	D4C4M2 PRORE	Providencia rettgeri DSM 1131	Proteobacteria
Q15QS0	Q15QS0 PSEA6	Pseudoalteromonas atlantica (strain T6c)	Proteobacteria
I4K772	I4K772 PSEFL	Pseudomonas fluorescens SS101	Proteobacteria
P72227	YGAD PSEPU	Pseudomonas putida	Proteobacteria
Q48F93	Q48F93 PSE14	Pseudomonas syringae pv. phaseolicola (strain 1448A)	Proteobacteria
H2IVB2	H2IVB2 RAHAC	Rahnella aquatilis (strain ATCC 33071)	Proteobacteria
K5DXI3	K5DXI3 RHILU	Rhizobium lupini HPC(L)	Proteobacteria
D0ZPN9	D0ZPN9 SALT1	Salmonella typhimurium (strain 14028s)	Proteobacteria
D0ZUV6	D0ZUV6 SALT1	Salmonella typhimurium (strain 14028s)	Proteobacteria
Q8ZPI7	Q8ZPI7 SALT1	Salmonella typhimurium (strain LT2)	Proteobacteria
G0B7Z5	G0B7Z5 SERSA	Serratia plymuthica (strain AS9)	Proteobacteria
A1S257	CINAL SHEAM	Shewanella amazonensis	Proteobacteria
A6WTS6	CINAL SHEB8	Shewanella baltica (strain OS185)	Proteobacteria
Q12SN4	CINAL SHEDO	Shewanella denitrificans (strain OS217)	Proteobacteria
Q089L6	CINAL SHEFN	Shewanella frigidimarina (strain NCIMB 400)	Proteobacteria
B0TL92	CINAL SHEHH	Shewanella halifaxensis (strain HAW-EB4)	Proteobacteria
A3Q9C2	CINAL SHEL P	Shewanella loihica (strain ATCC BAA-1088)	Proteobacteria
Q8EK32	CINAL SHEON	Shewanella oneidensis (strain MR-1)	Proteobacteria
A8GZ14	CINAL SHEPA	Shewanella pealeana (strain ATCC 700345)	Proteobacteria
B8CNH3	CINAL SHEPW	Shewanella piezotolerans (strain WP3)	Proteobacteria
A4YBU5	CINAL SHEPC	Shewanella putrefaciens	Proteobacteria
A8G1B1	CINAL SHESH	Shewanella sediminis (strain HAW-EB3)	Proteobacteria
B1KNC9	CINAL SHEWM	Shewanella woodyi (strain ATCC 51908)	Proteobacteria
Q31X65	Q31X65 SHIBS	Shigella boydii serotype 4 (strain Sb227)	Proteobacteria
I6FM95	I6FM95 SHIDY	Shigella dysenteriae 225-75	Proteobacteria
F6DY83	F6DY83 SINMK	Sinorhizobium meliloti (strain AK83)	Proteobacteria
A9FML0	CINAL SORC5	Sorangium cellulosum (strain So ce56)	Proteobacteria
A0LLA6	CINAL SYNFM	Syntrophobacter fumaroxidans (strain DSM 10017)	Proteobacteria
Q2LPL3	CINAL SYNAS	Syntrophus aciditrophicus (strain SB)	Proteobacteria
I3Y732	I3Y732 THIV6	Thiocystis violascens (strain ATCC 17096)	Proteobacteria
G2E2V4	G2E2V4 9GAMM	Thiorhodococcus drewsii AZ1	Proteobacteria
J1N2F8	J1N2F8 VIBCL	Vibrio cholerae HE-25	Proteobacteria
A9ZXU7	A9ZXU7 YERPE	Yersinia pestis biovar Orientalis str. F1991016	Proteobacteria
Q5NNF6	Q5NNF6 ZYMMO	Zymomonas mobilis subsp. mobilis (strain ATCC 31821)	Proteobacteria
C8WFR3	C8WFR3 ZYMMN	Zymomonas mobilis subsp. mobilis (strain NCIB 11163)	Proteobacteria
B0SB28	CINAL LEPBA	Leptospira biflexa serovar Patoc (strain Patoc 1)	Spirochaetes
Q04TG1	CINAL LEPBJ	Leptospira borgpetersenii serovar Hardjo-ovis (strain JB197)	Spirochaetes
Q8F5J2	CINAL LEPIN	Leptospira interrogans serogr Icterohaemorrhagiae (strain 56601)	Spirochaetes
P47361	Y115 MYCGE	Mycoplasma genitalium (strain ATCC 33530)	Tenericutes
Q9EXC9	Y254 MYCPN	Mycoplasma pneumoniae (strain ATCC 29342)	Tenericutes
A7HNE6	CINAL FERNB	Fervidobacterium nodosum (strain ATCC 35602)	Thermotogae
C5CFW1	CINAL KOSOT	Kosmotoga olearia (strain TBF 19.5.1)	Thermotogae
A9BHX8	CINAL PETMO	Petrotoga mobilis (strain DSM 10674)	Thermotogae

A6LL44	CINAL THEM4	<i>Thermosipho melanesiensis</i> (strain BI429)	Thermotogae
A8F4W4	CINAL THELT	<i>Thermotoga lettingae</i> (strain ATCC BAA-301)	Thermotogae
Q9S5X1	CINAL THEMA	<i>Thermotoga maritima</i> (strain ATCC 43589)	Thermotogae
B9KAS5	CINAL THENN	<i>Thermotoga neapolitana</i> (strain ATCC 49049)	Thermotogae
B2UNF6	CINAL AKKM8	<i>Akkermansia muciniphila</i> (strain ATCC BAA-835)	Verrucomicrobia