NC_014374 Acidilobus saccharovorans 345-15
NC_014374 Acidilobus saccharovorans 345-15
NC_019791 Caldisphaera lagunensis DSM15908
NC_019791 Caldisphaera lagunensis DSM15908
NC_019791 Caldisphaera lagunensis DSM15908
NC_000854 Aeropyrum pernix K1
NC_000854 Aeropyrum pernix K1
NC_000854 Aeropyrum pernix K1
NC_011766 Desulfurococcus kamchatkensis 1221n
NC_011766 Desulfurococcus kamchatkensis 1221n
NC_009776 Ignicoccus hospitalis KIN4/I
NC_009776 Ignicoccus hospitalis KIN4/I
NC_014471 Ignisphaera aggregans DSM17230
NC_014471 Ignisphaera aggregans DSM17230
NC_014471 Ignisphaera aggregans DSM17230
NC_014205 Staphylothermus hellenicus DSM12710
NC_014205 Staphylothermus hellenicus DSM12710
NC_014205 Staphylothermus hellenicus DSM12710
NC_017954 Thermogladius cellulolyticus 1633
NC_017954 Thermogladius cellulolyticus 1633
NC_017954 Thermogladius cellulolyticus 1633
NC_014160 Thermosphaera aggregans DSM11486
NC_014160 Thermosphaera aggregans DSM11486
NC_014160 Thermosphaera aggregans DSM11486
NC_008818 Hyperthermus butylicus DSM5456
NC_008818 Hyperthermus butylicus DSM5456
NC_015931 Pyrolobus fumarii 1A
NC_015931 Pyrolobus fumarii 1A
NC_017461 Fervidicoccus fontis Kam940
NC_017461 Fervidicoccus fontis Kam940
NC_017461 Fervidicoccus fontis Kam940
NC_015518 Acidianus hospitalis W1
NC_015518 Acidianus hospitalis W1
NC_015518 Acidianus hospitalis W1
NC_009440 Metallosphaera sedula DSM5348
NC_009440 Metallosphaera sedula DSM5348
NC_009440 Metallosphaera sedula DSM5348
NC_007181 Sulfolobus acidocaldarius DSM639
NC_007181 Sulfolobus acidocaldarius DSM639
NC_002754 Sulfolobus solfataricus P2
NC_002754 Sulfolobus solfataricus P2
NC_002754 Sulfolobus solfataricus P2
NC_022093 Thermofilum sp. 1910b
NC_022093 Thermofilum sp. 1910b
NC_022093 Thermofilum sp. 1910b
NC_009954 Caldivirga maquilingensis IC-167
NC_009954 Caldivirga maquilingensis IC-167
NC_009954 Caldivirga maquilingensis IC-167
NC_003364 Pyrobaculum aerophilum str. IM2
NC_003364 Pyrobaculum aerophilum str. IM2
NC_003364 Pyrobaculum aerophilum str. IM2
NC_016070 Thermoproteus tenax Kra 1
NC_016070 Thermoproteus tenax Kra 1
NC_016070 Thermoproteus tenax Kra 1
NC_014537 Vulcanisaeta distributa DSM14429
NC_014537 Vulcanisaeta distributa DSM14429
NC_014537 Vulcanisaeta distributa DSM14429
NC_013926 Aciduliprofundum boonei T469
NC_013926 Aciduliprofundum boonei T469
NC_000917 Archaeoglobus fulgidus DSM4304
NC_000917 Archaeoglobus fulgidus DSM4304
NC_013849 Ferroglobus placidus DSM10642
NC_014298 Halalkalicoccus jeotgali B3
NC_014297 Halalkalicoccus jeotgali B3
NC_006394 Haloarcula marismortui ATCC 43049
NC_006396 Haloarcula marismortui ATCC 43049
NC_002608 Halobacterium sp. NRC-1
NC_002608 Halobacterium sp. NRC-1
NC_002607 Halobacterium sp. NRC-1
NC_013966 Haloferax volcanii DS2
NC_013967 Haloferax volcanii DS2
NC_014729 Halogeometricum borinquense DSM11551
NC_013202 Halomicrobium mukohataei DSM12286
NC_015659 Halopiger xanaduensis SH-6
NC_015666 Halopiger xanaduensis SH-6
NC_017459 Haloquadratum walsbyi C23
NC_021921 Halorhabdus tiamatea SARL4B
NC_021913 Halorhabdus tiamatea SARL4B
NC_021921 Halorhabdus tiamatea SARL4B
NC_012028 Halorubrum lacusprofundi ATCC 49239
NC_012029 Halorubrum lacusprofundi ATCC 49239
NC_013743 Haloterrigena turkmenica DSM5511
NC_019964 Halovivax ruber XH-70
NC_019964 Halovivax ruber XH-70
NC_019964 Halovivax ruber XH-70
NC_013922 Natrialba magadii ATCC 43099
NC_018225 Natrinema sp. J7-2
NC_018224 Natrinema sp. J7-2
NC_019792 Natronobacterium gregoryi SP2
NC_019974 Natronococcus occultus SP4
NC_007426 Natronomonas pharaonis DSM2160
NC_021313 Salinarchaeum sp. Harcht-Bsk1
NC_021313 Salinarchaeum sp. Harcht-Bsk1
NC_015216 Methanobacterium lacus
NC_015216 Methanobacterium lacus
NC_015216 Methanobacterium lacus
NC_013790 Methanobrevibacter ruminantium M1
NC_013790 Methanobrevibacter ruminantium M1
NC_007681 Methanosphaera stadtmanae DSM3091
NC_007681 Methanosphaera stadtmanae DSM3091
NC_000916 Methanothermobacter thermautotrophicus str. Delta H
NC_000916 Methanothermobacter thermautotrophicus str. Delta H
NC_014658 Methanothermus fervidus DSM2088
NC_014658 Methanothermus fervidus DSM2088
NC_000909 Methanocaldococcus jannaschii DSM2661
NC_015562 Methanotorris igneus Kol 5
NC_005791 Methanococcus maripaludis S2
NC_015636 Methanothermococcus okinawensis IH1
NC_020913 Candidatus Methanomethylophilus alvus Mx1201
NC_009464 Methanocella arvoryzae MRE50
NC_009464 Methanocella arvoryzae MRE50
NC_009464 Methanocella arvoryzae MRE50
NC_009464 Methanocella arvoryzae MRE50
NC_009464 Methanocella arvoryzae MRE50
NC_008942 Methanocorpusculum labreanum Z
NC_018227 Methanoculleus bourgensis MS2
NC_014507 Methanoplanus petrolearius DSM11571
NC_019943 Methanoregula formicica SMSP
NC_019943 Methanoregula formicica SMSP
NC_019943 Methanoregula formicica SMSP
NC_011832 Methanosphaerula palustris E1-9c
NC_011832 Methanosphaerula palustris E1-9c
NC_007796 Methanospirillum hungatei JF-1
NC_007796 Methanospirillum hungatei JF-1
NC_015416 Methanosaeta concilii GP6
NC_015416 Methanosaeta concilii GP6
NC_007955 Methanococcoides burtonii DSM6242
NC_007955 Methanococcoides burtonii DSM6242
NC_007955 Methanococcoides burtonii DSM6242
NC_014253 Methanohalobium evestigatum Z-7303
NC_014002 Methanohalophilus mahii DSM5219
NC_018876 Methanolobus psychrophilus R15
NC_018876 Methanolobus psychrophilus R15
NC_018876 Methanolobus psychrophilus R15
NC_019972 Methanomethylovorans hollandica DSM15978
NC_019977 Methanomethylovorans hollandica DSM15978
NC_015676 Methanosalsum zhilinae DSM4017
NC_003552 Methanosarcina acetivorans C2A
NC_021353 Candidatus Methanomassiliicoccus intestinalis Issoire-Mx1
NC_003551 Methanopyrus kandleri AV19
NC_000868 Pyrococcus abyssi GE5
NC_003413 Pyrococcus furiosus DSM3638
NC_006624 Thermococcus kodakarensis KOD1
NC_021592 Ferroplasma acidarmanus fer1
NC_021592 Ferroplasma acidarmanus fer1
NC_005877 Picrophilus torridus DSM9790
NC_002578 Thermoplasma acidophilum DSM1728
NC_002578 Thermoplasma acidophilum DSM1728
NC_002689 Thermoplasma volcanium GSS1
NC_002689 Thermoplasma volcanium GSS1
NC_002689 Thermoplasma volcanium GSS1
NC_020892 Thermoplasmatales archaeon BRNA1
NC_010482 Candidatus Korarchaeum cryptofilum OPF8
NC_010482 Candidatus Korarchaeum cryptofilum OPF8
NC_005213 Nanoarchaeum equitans Kin4-M
NC_005213 Nanoarchaeum equitans Kin4-M
NC_014820 Cenarchaeum symbiosum A
NC_018655 Candidatus Nitrosopumilus koreensis AR1
NC_018719 Candidatus Nitrososphaera gargensis Ga9.2
NC_018719 Candidatus Nitrososphaera gargensis Ga9.2
NC_022786 Candidatus Caldiarchaeum subterraneum
NC_022786 Candidatus Caldiarchaeum subterraneum
NC_008536 Candidatus Solibacter usitatus Ellin6076
NC_012440 Persephonella marina EX-H1
NC_021487 Chthonomonas calidirosea T49
NC_013501 Rhodothermus marinus DSM4252
NC_014032 Salinibacter ruber M8
NC_014734 Paludibacter propionicigenes WB4
NC_018010 Belliella baltica DSM15883
NC_015914 Cyclobacterium marinum DSM745
NC_013037 Dyadobacter fermentans DSM18053
NC_018018 Flexibacter litoralis DSM6794
NC_014655 Leadbetterella byssophila DSM17132
NC_015703 Runella slithyformis DSM19594
NC_013730 Spirosoma linguale DSM74
NC_014759 Marivirga tractuosa DSM4126
NC_016599 Owenweeksia hongkongensis DSM17368
NC_015496 Dokdonia sp. 4H-3-7-5
NC_015510 Haliscomenobacter hydrossis DSM1100
NC_016940 Saprospira grandis str. Lewin
NC_011027 Chlorobaculum parvum NCIB 8327
NC_002932 Chlorobium tepidum TLS
NC_011026 Chloroherpeton thalassium ATCC 35110
NC_011060 Pelodictyon phaeoclathratiforme BU-1
NC_011059 Prosthecochloris aestuarii DSM271
NC_013523 Sphaerobacter thermophilus DSM20745
NC_020157 Anabaena cylindrica PCC 7122
NC_019744 Cylindrospermum stagnale PCC 7417
NC_003240 Nostoc sp. PCC 7120
NC_019699 Chroococcidiopsis thermalis PCC 7203
NC_013939 Deferribacter desulfuricans SSM1
NC_010371 Finegoldia magna ATCC 29328
NC_021184 Desulfotomaculum gibsoniae DSM7213
NC_015499 Thermodesulfobium narugense DSM14796
NC_012489 Gemmatimonas aurantiaca T-27
NC_017464 Ignavibacterium album JCM16511
NC_013260 Candidatus Methylomirabilis oxyfera
NC_018649 Leptospirillum ferriphilum ML-04
NC_014355 Candidatus Nitrospira defluvii
NC_011296 Thermodesulfovibrio yellowstonii DSM11347
NC_008576 Magnetococcus marinus MC-1
NC_023137 Phaeobacter gallaeciensis DSM26640
NC_007952 Burkholderia xenovorans LB400
NC_015726 Cupriavidus necator N-1
NC_015422 Alicycliphilus denitrificans K601
NC_013446 Comamonas testosteroni CNB-2
NC_022234 Variovorax paradoxus B4
NC_008786 Verminephrobacter eiseniae EF01-2
NC_015856 Collimonas fungivorans Ter331
NC_014323 Herbaspirillum seropedicae SmR1
NC_016620 Bacteriovorax marinus SJ
NC_011768 Desulfatibacillum alkenivorans AK-01
NC_012108 Desulfobacterium autotrophicum HRM2
NC_020304 Desulfocapsa sulfexigens DSM10523
NC_020127 Lawsonia intracellularis N343
NC_007517 Geobacter metallireducens GS-15
NC_017030 Corallococcus coralloides DSM2259
NC_008095 Myxococcus xanthus DK 1622
NC_014623 Stigmatella aurantiaca DW4/3-1
NC_021658 Sorangium cellulosum So0157-2
NC_015388 Desulfobacca acetoxidans DSM11109
NC_009348 Aeromonas salmonicida subsp. salmonicida A449
NC_016745 Oceanimonas sp. GK1
NC_012691 Tolumonas auensis DSM9187
NC_015554 Alteromonas sp. SN2
NC_020514 Glaciecola psychrophila 170
NC_007912 Saccharophagus degradans 2-40
NC_003910 Colwellia psychrerythraea 34H
NC_014541 Ferrimonas balearica DSM9799
NC_008228 Pseudoalteromonas atlantica T6c
NC_008709 Psychromonas ingrahamii 37
NC_004347 Shewanella oneidensis MR-1
NC_009792 Citrobacter koseri ATCC BAA-895
NC_013282 Cronobacter turicensis z3032
NC_014500 Dickeya dadantii 3937
NC_012779 Edwardsiella ictaluri 93-146
NC_014121 Enterobacter cloacae subsp. cloacae ATCC 13047
NC_013971 Erwinia amylovora ATCC 49946
NC_002695 Escherichia coli O157:H7 str. Sakai
NC_000913 Escherichia coli str. K-12 substr. MG1655
NC_011283 Klebsiella pneumoniae 342
NC_020418 Morganella morganii subsp. morganii KT
NC_014837 Pantoea sp. At-9b
NC_017845 Pectobacterium sp. SCC3193
NC_010554 Proteus mirabilis HI4320
NC_017731 Providencia stuartii MRSN 2154
NC_015061 Rahnella sp. Y9602
NC_021066 Raoultella ornithinolytica B6
NC_003197 Salmonella enterica subsp. enterica serovar Typhimurium str. LT2
NC_021659 Serratia plymuthica S13
NC_022912 Shigella dysenteriae 1617
NC_022912 Shigella dysenteriae 1617
NC_014228 Xenorhabdus nematophila ATCC 19061
NC_003143 Yersinia pestis CO92
NC_007645 Hahella chejuensis KCTC 2396
NC_009654 Marinomonas sp. MWYL1
NC_020888 Thalassolituus oleivorans MIL-1
NC_010995 Cellvibrio japonicus Ueda107
NC_002516 Pseudomonas aeruginosa PAO1
NC_018868 Simiduia agarivorans SA1 = DSM21679
NC_011312 Aliivibrio salmonicida LFI1238
NC_022223 Listonella anguillarum M3
NC_006370 Photobacterium profundum SS9
NC_002505 Vibrio cholerae O1 biovar El Tor str. N16961
NC_010602 Leptospira biflexa serovar Patoc strain 'Patoc 1 (Paris)'
NC_018020 Turneriella parva DSM21527
NC_016751 Marinitoga piezophila KA3
NC_010571 Opitutus terrae PB90-1
NC_010794 Methylacidiphilum infernorum V4
COG0417 DNApolymerase elongation subunit (family B)
COG0719 Fe-S cluster assembly scaffold protein SufB