NC_000854 Aeropyrum pernix K1
NC_013926 Aciduliprofundum boonei T469
NC_013964 Haloferax volcanii DS2
NC_015658 Halopiger xanaduensis SH-6
NC_021913 Halorhabdus tiamatea SARL4B
NC_013745 Halotermigena turkmenica DSM5511
NC_011832 Methanosphaerula palustris E1-9c
NC_011832 Methanosphaerula palustris E1-9c
NC_014820 Cenarchaeum symbiosum A
NC_022786 Candidatus Caldiarchaeum subterraneum
NC_015064 Granulicella tundricola MP5ACTX9
NC_018014 Terriglobus roseus DSM18391
NC_018014 Terriglobus roseus DSM18391
NC_008536 Candidatus Solibacter usitatus Ellin6076
NC_008536 Candidatus Solibacter usitatus Ellin6076
NC_008536 Candidatus Solibacter usitatus Ellin6076
NC_008536 Candidatus Solibacter usitatus Ellin6076
NC_008536 Candidatus Solibacter usitatus Ellin6076
NC_008536 Candidatus Solibacter usitatus Ellin6076
NC_008536 Candidatus Solibacter usitatus Ellin6076
NC_014218 Arcanobacterium haemolyticum DSM20595
NC_014218 Arcanobacterium haemolyticum DSM20595
NC_014246 Mobiluncus curtisii ATCC 43063
NC_013131 Catenulispora acidiphila DSM44928
NC_015564 Amycolicicoccus subflavus DQS3-9A1
NC_006958 Corynebacterium glutamicum ATCC 13032
NC_006958 Corynebacterium glutamicum ATCC 13032
NC_006958 Corynebacterium glutamicum ATCC 13032
NC_008268 Rhodococcus jostii RHA1
NC_013947 Stackebrandtia nassauensis DSM44728
NC_011886 Arthrobacter chlorophenolicus A6
NC_011886 Arthrobacter chlorophenolicus A6
NC_012669 Beutenbergia cavernae DSM12333
NC_012669 Beutenbergia cavernae DSM12333
NC_013172 Brachybacterium faecium DSM4810
NC_015514 Cellulomonas fimi ATCC 484
NC_014830 Intrasporangium calvum DSM43043
NC_014830 Intrasporangium calvum DSM43043
NC_013174 Jonesia denitrificans DSM20603
NC_015125 Microbacterium testaceum StLB037
NC_022657 Actinoplanes friuliensis DSM7358
NC_014391 Micromonospora aurantiaca ATCC 27029
NC_013729 Kribbella flavida DSM17836
NC_013729 Kribbella flavida DSM17836
NC_013729 Kribbella flavida DSM17836
NC_017186 Amycolatopsis mediterranei S699
NC_017186 Amycolatopsis mediterranei S699
NC_013159 Saccharomonospora viridis DSM43017
NC_009142 Saccharopolyspora erythraea NRRL 2338
NC_009142 Saccharopolyspora erythraea NRRL 2338
NC_009142 Saccharopolyspora erythraea NRRL 2338
NC_019673 Saccharothrix espanaensis DSM44229
NC_016109 Kitasatospora setae KM6054
NC_016582 Streptomyces bingchenggensis BCW-1
NC_016582 Streptomyces bingchenggensis BCW-1
NC_016582 Streptomyces bingchenggensis BCW-1
NC_007333 Thermobifida fusca YX
NC_017219 Bifidobacterium longum subsp. infantis ATCC 15697 = JCM 1222 = DSM 20088
NC_017219 Bifidobacterium longum subsp. infantis ATCC 15697 = JCM 1222 = DSM 20088
NC_014644 Gardnerella vaginalis ATCC 14019
NC_004663 Bacteroides thetaiotaomicron VPI-5482
NC_004663 Bacteroides thetaiotaomicron VPI-5482
NC_004663 Bacteroides thetaiotaomicron VPI-5482
NC_009615 Parabacteroides distasonis ATCC 8503
NC_015571 Porphyromonas gingivalis TDC60
NC_016610 Tannerella forsythia ATCC 43037
NC_016610 Tannerella forsythia ATCC 43037
NC_014033 Prevotella ruminicola 23
NC_018010 Belliella baltica DSM15883
NC_018010 Belliella baltica DSM15883
NC_018010 Belliella baltica DSM15883
NC_018010 Belliella baltica DSM15883
NC_015914 Cyclobacterium marinum DSM745
NC_015914 Cyclobacterium marinum DSM745
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NC_015914 Cyclobacterium marinum DSM745
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NC_015914 Cyclobacterium marinum DSM745
NC_019904 Echinicola vietnamensis DSM17526
NC_019904 Echinicola vietnamensis DSM17526
NC_019904 Echinicola vietnamensis DSM17526
NC_019904 Echinicola vietnamensis DSM17526
NC_013037 Dyadobacter fermentans DSM18053
NC_013037 Dyadobacter fermentans DSM18053
NC_013037 Dyadobacter fermentans DSM18053
NC_013037 Dyadobacter fermentans DSM18053
NC_018748 Emticicia oligotrophica DSM17448
NC_018748 Emticicia oligotrophica DSM17448
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NC_018748 Emticicia oligotrophica DSM17448
NC_020054 Fibrella aestuarina BUZ 2
NC_014655 Leadbetterella byssophila DSM17132
NC_014655 Leadbetterella byssophila DSM17132
NC_014655 Leadbetterella byssophila DSM17132
NC_015703 Runella slithyformis DSM19594
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NC_015703 Runella slithyformis DSM19594
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NC_013730 Spirosoma linguale DSM74
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NC_013730 Spirosoma linguale DSM74
NC_013730 Spirosoma linguale DSM74
NC_014759 Marivirga tractuosa DSM4126
NC_016599 Owenweeksia hongkongensis DSM17368
NC_016599 Owenweeksia hongkongensis DSM17368
NC_018013 Aequorivita sublithincola DSM14238
NC_015846 Capnocytophaga canimorsus Cc5
NC_015846 Capnocytophaga canimorsus Cc5
NC_009441 Flavobacterium johnsoniae UW101
NC_009441 Flavobacterium johnsoniae UW101
NC_015638 Lacinutrix sp. 5H-3-7-4
NC_015945 Muricauda ruestringensis DSM13258
NC_018016 Ornithobacterium rhinotracheale DSM15997
NC_018609 Riemerella anatipestifer RA-CH-1
NC_013222 Robiginitalea biformata HTCC2501
NC_015844 Zobellia galactanivorans
NC_015844 Zobellia galactanivorans
NC_014041 Zunongwangia profunda SM-A87
NC_013132 Chitinophaga pinensis DSM2588
NC_013132 Chitinophaga pinensis DSM2588
NC_016609 Niastella koreensis GR20-10
NC_016609 Niastella koreensis GR20-10
NC_016609 Niastella koreensis GR20-10
NC_016609 Niastella koreensis GR20-10
NC_016609 Niastella koreensis GR20-10
NC_015510 Haliscomenobacter hydrossis DSM1100
NC_015510 Haliscomenobacter hydrossis DSM1100
NC_015510 Haliscomenobacter hydrossis DSM1100
NC_015510 Haliscomenobacter hydrossis DSM1100
NC_015510 Haliscomenobacter hydrossis DSM1100
NC_015510 Haliscomenobacter hydrossis DSM1100
NC_013061 Pedobacter heparinus DSM2366
NC_013061 Pedobacter heparinus DSM2366
NC_013061 Pedobacter heparinus DSM2366
NC_013061 Pedobacter heparinus DSM2366
NC_013061 Pedobacter heparinus DSM2366
NC_013061 Pedobacter heparinus DSM2366
NC_015277 Sphingobacterium sp. 21
NC_015277 Sphingobacterium sp. 21
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NC_015277 Sphingobacterium sp. 21
NC_015277 Sphingobacterium sp. 21
NC_015277 Sphingobacterium sp. 21
NC_015713 Simkania negevensis Z
NC_014960 Anaerolinea thermophila UNI-1
NC_017079 Caldilinea aerophila DSM14535 = NBRC 104270
NC_017079 Caldilinea aerophila DSM14535 = NBRC 104270
NC_017079 Caldilinea aerophila DSM14535 = NBRC 104270
NC_011831 Chloroflexus aggregans DSM9485
NC_019776 Cyanobacterium aponinum PCC 10605
NC_020051 Gloeocapsa sp. PCC 7428
NC_019680 Synechococcus sp. PCC 6312
NC_000911 Synechocystis sp. PCC 6803
NC_000911 Synechocystis sp. PCC 6803
NC_017167 Alicyclobacillus acidocaldarius subsp. acidocaldarius Tc-4-1
NC_015690 Paenibacillus mucilaginosus KNP414
NC_015690 Paenibacillus mucilaginosus KNP414
NC_015690 Paenibacillus mucilaginosus KNP414
NC_003028 Streptococcus pneumoniae TIGR4
NC_003028 Streptococcus pneumoniae TIGR4
NC_021009 Coprococcus catus GD/7
NC_016048 Oscillibacter valericigenes Sjm18-20
NC_007907 Desulfitobacterium hafniense Y51
NC_014833 Ruminococcus albus 7 = DSM20455
NC_014654 Halanaerobium hydrogeniformans
NC_007644 Moorella thermoacetica ATCC 39073
NC_014377 Thermosediminibacter oceani DSM16646
NC_021354 Erysipelothrix rhusiopathiae SY1027
NC_021354 Erysipelothrix rhusiopathiae SY1027
NC_013515 Streptobacillus moniliformis DSM12112
NC_013515 Streptobacillus moniliformis DSM12112
NC_012489 Gemmatimonas aurantiaca T-27
NC_012489 Gemmatimonas aurantiaca T-27
NC_017464 Ignavibacterium album JCM16511
NC_017464 Ignavibacterium album JCM16511
NC_017464 Ignavibacterium album JCM16511
NC_017464 Ignavibacterium album JCM16511
NC_013260 Candidatus Methylomirabilis oxyfera
NC_014355 Candidatus Nitrospira defluvii
NC_017080 Phycisphaera mikurensis NBRC 102666
NC_014962 Isosphaera pallida ATCC 43644
NC_013720 Pirellula staleyi DSM6068
NC_013720 Pirellula staleyi DSM6068
NC_013720 Pirellula staleyi DSM6068
NC_013720 Pirellula staleyi DSM6068
NC_015174 Planctomyces brasiliensis DSM5305
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NC_015174 Planctomyces brasiliensis DSM5305
NC_015174 Planctomyces brasiliensis DSM5305
NC_005027 Rhodopirellula baltica SH 1
NC_005027 Rhodopirellula baltica SH 1
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NC_005027 Rhodopirellula baltica SH 1
NC_019892 Singulisphaera acidiphila DSM18658
NC_019892 Singulisphaera acidiphila DSM18658
NC_019892 Singulisphaera acidiphila DSM18658
NC_019892 Singulisphaera acidiphila DSM18658
NC_017249 Bradyrhizobium japonicum USDA 6
NC_007964 Nitrobacter hamburgensis X14
NC_011386 Oligotropha carboxidovorans OM5
NC_011887 Methylobacterium nodulans ORS 2060
NC_008379 Rhizobium leguminosarum b.v. viciae 3841
NC_012982 Hirschia baltica ATCC 49814
NC_003911 Ruegeria pomeroyi DSS-3
NC_016595 Azospirillum brasilense Sp245
NC_015723 Cupriavidus necator N-1
NC_015677 Ramlibacter tataouinensis TTB310
NC_014394 Gallionella capsiferriformans ES-2
NC_007298 Dechloromonas aromatica RCB
NC_005863 Desulfovibrio vulgaris str. Hildenborough
NC_013440 Haliangium ochraceum DSM14365
NC_021658 Sorangium cellulosum So0157-2
NC_015554 Alteromonas sp. SN2
NC_007912 Saccharophagus degradans 2-40
NC_014500 Dickeya dadantii 3937
NC_014500 Dickeya dadantii 3937
NC_014121 Enterobacter cloacae subsp. cloacae ATCC 13047
NC_014837 Pantoea sp. At-9b
NC_017845 Pectobacterium sp. SCC3193
NC_010554 Proteus mirabilis HI4320
NC_003197 Salmonella enterica subsp. enterica serovar Typhimurium str. LT2
NC_003197 Salmonella enterica subsp. enterica serovar Typhimurium str. LT2
NC_002977 Methylococcus capsulatus str. Bath
NC_015572 Methylomonas methanica MC09
NC_021082 Mannheimia haemolytica M42548
NC_002663 Pasteurella multocida subsp. multocida str. Pm70
NC_002663 Pasteurella multocida subsp. multocida str. Pm70
NC_006570 Francisella tularensis subsp. tularensis SCHU S4
NC_007520 Thiomicrospira crunogena XCL-2
NC_002505 Vibrio cholerae O1 biovar El Tor str. N16961
NC_010717 Xanthomonas oryzae pv. oryzae PXO99A
NC_021214 Thermotoga maritima MSB8
NC_010571 Opitutus terrae PB90-1
NC_010655 Akkermansia muciniphila ATCC BAA-835
NC_010655 Akkermansia muciniphila ATCC BAA-835
NC_010655 Akkermansia muciniphila ATCC BAA-835
NC_010794 Methylacidiphilum infernorum V4
COG4409 Neuraminidase (sialidase)
COG4692 Predicted neuraminidase (sialidase)
COG0329 Dihydrodipicolinate synthase/N-acetylneuraminate lyase