

Accession number	Organism
<b>JF756597</b>	<i>Candidatus</i> Kinetoplastibacterium blastocrithidii
<b>JF756598</b>	<i>Candidatus</i> Kinetoplastibacterium crithidii
<b>JF756599</b>	<i>Candidatus</i> Kinetoplastibacterium galatii
<b>JF756600</b>	<i>Candidatus</i> Kinetoplastibacterium oncopeltii
<b>JF756651</b>	<i>Angomonas deanei</i> TCC036E
<b>JF756650</b>	<i>Crithidia acanthocephali</i> TCC037E
scf7180000113895:5000..1164	<i>Crithidia fasciculata</i> Cf-C1
<b>JF756653</b>	<i>Endotrypanum schaudinni</i> TCC224
<b>JF756655</b>	<i>Herpetomonas muscarum</i> TCC001E
XP_001563927.1	<i>Leishmania braziliensis</i> MHOM/BR/75/M2904
XP_001464815.1	<i>Leishmania infantum</i> JPCM5
XP_001682405	<i>Leishmania major</i> Friedlin
<b>JF756654</b>	<i>Leptomonas costaricensis</i> TCC169E
<b>JF756658</b>	<i>Parabodo caudatus</i> ATCC30905
<b>JF756656</b>	<i>Phytomonas</i> sp. Jma TCC066
<b>JF756649</b>	<i>Strigomonas culicis</i> TCC012E
<b>JF756657</b>	<i>Strigomonas galati</i> TCC219
<b>JF756652</b>	<i>Strigomonas oncopelti</i> TCC290E
YP_003189026.1	<i>Acetobacter pasteurianus</i> IFO 3283-01
ZP_06686166.1	<i>Achromobacter piechaudii</i> ATCC 43553
YP_003977224	<i>Achromobacter xylosoxidans</i> A8
YP_002218819.1	<i>Acidithiobacillus ferrooxidans</i> ATCC 53993
YP_002755471.1	<i>Acidobacterium capsulatum</i> ATCC 51196
YP_873165.1	<i>Acidothermus cellulolyticus</i> 11B
ZP_04764699.1	<i>Acidovorax delafieldii</i> 2AN
ZP_04660195.1	<i>Acinetobacter baumannii</i> AB900
ZP_05629556.1	<i>Actinobacillus minor</i> 202
ZP_03924685.1	<i>Actinomyces coleocanis</i> DSM 15436
ZP_07361040.1	<i>Actinomyces viscosus</i> C505
YP_001141652.1	<i>Aeromonas salmonicida salmonicida</i> A449
ZP_07025363.1	<i>Afipia</i> sp. 1NLS2
YP_003256160.1	<i>Aggregatibacter actinomycetemcomitans</i> D11S-1
YP_002545610.1	<i>Agrobacterium radiobacter</i> K84
YP_002550680	<i>Agrobacterium vitis</i> S4
ZP_07375331.1	<i>Ahrensia</i> sp. R2A130
YP_692014.1	<i>Alcanivorax borkumensis</i> SK2
ZP_07722431.1	<i>Algoriphagus</i> sp. PR1
ZP_07020298.1	<i>Alicyclophilus denitrificans</i> BC
ZP_03493091.1	<i>Alicyclobacillus acidocaldarius</i> LAA1
YP_002262324.1	<i>Aliivibrio salmonicida</i> LF11238
YP_741581.1	<i>Alkalilimnicola ehrlichii</i> MLHE-1
YP_003442400.1	<i>Allochromatium vinosum</i> DSM 180
YP_002124966.1	<i>Alteromonas macleodii</i> 'Deep ecotype'
YP_002316621.1	<i>Anoxybacillus flavithermus</i> WK1
NP_213646.1	<i>Aquifex aeolicus</i> VF5
NP_001031941.1	<i>Arabidopsis thaliana</i>
YP_003697464.1	<i>Arcanobacterium haemolyticum</i> DSM 20595
YP_159744.1	<i>Aromatoleum aromaticum</i> EbN1
CBA71691.1	<i>Arsenophonus nasoniae</i>
YP_003917338.1	<i>Arthrobacter arilaitensis</i> Re117
XP_001396807.1	<i>Aspergillus niger</i> CBS 513.88

ZP_01226804.1	<i>Aurantimonas manganoxydans</i> SI85-9A1
YP_934086.1	<i>Azoarcus</i> sp. BH72
YP_001527188.1	<i>Azorhizobium caulinodans</i> ORS 571
YP_002801245.1	<i>Azotobacter vinelandii</i> DJ
ZP_06365251.1	<i>Bacillus cellulosilyticus</i> DSM 2522
YP_004207023.1	<i>Bacillus subtilis</i> BSn5
CBW26948.1	<i>Bacteriovorax marinus</i> SJ
NP_970190.1	<i>Bdellovibrio bacteriovorus</i> HD100
ZP_02002886.1	<i>Beggiatoa</i> sp. PS
YP_001834522.1	<i>Beijerinckia indica indica</i> ATCC 9039
ZP_01088523.1	<i>Blastopirellula marina</i> DSM 3645
YP_787218.1	<i>Bordetella avium</i> 197N
NP_890472.1	<i>Bordetella bronchiseptica</i> RB50
NP_885649.1	<i>Bordetella parapertussis</i> 12822
NP_881130.1	<i>Bordetella pertussis</i> Tohama I
YP_001630161.1	<i>Bordetella petrii</i> DSM 12804
NP_776479.1	<i>Bos taurus</i>
NP_774392.1	<i>Bradyrhizobium japonicum</i> USDA 110
YP_002771296.1	<i>Brevibacillus brevis</i> NBRC 100599
AAK14798.1	<i>Brucella abortus</i>
YP_001807376.1	<i>Burkholderia ambifaria</i> MC40-6
YP_003165780.1	<i>Candidatus Accumulibacter phosphatis</i> clade IIA str. UW-1
YP_002923123.1	<i>Candidatus Hamiltonella defensa</i> 5AT ( <i>Acyrtosiphon pisum</i> )
YP_003064613.1	<i>Candidatus Liberibacter asiaticus</i> str. psy62
EFD93161.1	<i>Candidatus Parvarchaeum acidophilus</i> ARMAN-5
YP_008556.1	<i>Candidatus Protochlamydia amoebophila</i> UWE25
YP_003550405.1	<i>Candidatus Puniceispirillum marinum</i> IMCC1322
ZP_07396246.1	<i>Candidatus Regiella insecticola</i> LSR1
YP_903747.1	<i>Candidatus Ruthia magnifica</i> str. Cm ( <i>Calyptogena magnifica</i> )
YP_001219321.1	<i>Candidatus Vesicomysocius okutanii</i> HA
ZP_04057978.1	<i>Capnocytophaga gingivalis</i> ATCC 33624
ZP_05704189.1	<i>Cardiobacterium hominis</i> ATCC 15826
YP_003112386.1	<i>Catenulispora acidiphila</i> DSM 44928
ZP_04450425.1	<i>Catonella morbi</i> ATCC 51271
YP_001984113.1	<i>Cellvibrio japonicus</i> Ueda107
YP_003126103.1	<i>Chitinophaga pinensis</i> DSM 2588
EFN54521.1	<i>Chlorella variabilis</i>
NP_902150.1	<i>Chromobacterium violaceum</i> ATCC 12472
YP_572953.1	<i>Chromohalobacter salexigens</i> DSM 3043
ZP_07086081.1	<i>Chryseobacterium gleum</i> ATCC 35910
ZP_05782783.1	<i>Citricella</i> sp. SE45
YP_003364167.1	<i>Citrobacter rodentium</i> ICC168
ZP_06861135.1	<i>Citromicrobium bathyomarinum</i> JL354
YP_267788.1	<i>Colwellia psychrerythraea</i> 34H
YP_003277282.1	<i>Comamonas testosteroni</i> CNB-2
ZP_01102046.1	<i>Congregibacter litoralis</i> KT71
YP_003549603.1	<i>Coralimargarita akajimensis</i> DSM 45221
NP_939632.1	<i>Corynebacterium diphtheriae</i> NCTC 13129
NP_819097.2	<i>Coxiella burnetii</i> RSA 493
YP_003715496.1	<i>Croceibacter atlanticus</i> HTCC2559
YP_001438854.1	<i>Cronobacter sakazakii</i> ATCC BAA-894
YP_003151035.1	<i>Cryptobacterium curtum</i> DSM 15641
XP_003194818.1	<i>Cryptococcus gattii</i> WM276

YP\_002005146.1 *Cupriavidus taiwanensis*  
 CBA32822.1 *Curvibacter* putative symbiont of *Hydra magnipapillata*  
 ZP\_05044143.1 *Cyanobium* sp. PCC 7001  
 YP\_001803982.1 *Cyanothece* sp. ATCC 51142  
 YP\_680066.1 *Cytophaga hutchinsonii* ATCC 33406  
 NP\_571706.1 *Danio rerio*  
 YP\_284155.1 *Dechloromonas aromatica* RCB  
 NP\_294855.1 *Deinococcus radiodurans* R1  
 YP\_001563585.1 *Delftia acidovorans* SPH-1  
 YP\_003691237.1 *Desulfurivibrio alkaliphilus* AHT2  
 YP\_001210125.1 *Dichelobacter nodosus* VCS1703A  
 YP\_003332655.1 *Dickeya dadantii* Ech586  
 YP\_001534832.1 *Dinoroseobacter shibae* DFL 12  
 ZP\_01049599.1 *Dokdonia donghaensis* MED134  
 XP\_002070617.1 *Drosophila willistoni*  
 YP\_003088784.1 *Dyadobacter fermentans* DSM 18053  
 ZP\_06713857.1 *Edwardsiella tarda* ATCC 23685  
 YP\_003181918.1 *Eggerthella lenta* DSM 2243  
 ZP\_03712668.1 *Eikenella corrodens* ATCC 23834  
 ZP\_05621008.1 *Enhydrobacter aerosaccus* SK60  
 YP\_003942844.1 *Enterobacter cloacae* SCF1  
 ZP\_05563472.1 *Enterococcus faecalis* DS5  
 YP\_003739199.1 *Erwinia billingiae* Eb661  
 YP\_459152.1 *Erythrobacter litoralis* HTCC2594  
 ZP\_02902346.1 *Escherichia albertii* TW07627  
 YP\_002886830.1 *Exiguobacterium* sp. AT1b  
 YP\_003912471.1 *Ferrimonas balearica* DSM 9799  
 ZP\_05571281.1 *Ferroplasma acidarmanus* fer1  
 YP\_001193292.1 *Flavobacterium johnsoniae* UW101  
 ZP\_04990009.1 *Francisella novicida* GA99-3548  
 YP\_714703.1 *Frankia alni* ACN14a  
 ZP\_01439734.1 *Fulvimarina pelagi* HTCC2506  
 YP\_003847930.1 *Gallionella capsiferriiformans* ES-2  
 AAB66503.1 *Gallus gallus*  
 ZP\_04776463.1 *Gemella haemolysans* ATCC 10379  
 ZP\_02735861.1 *Gemmata obscuriglobus* UQM 2246  
 YP\_002762295.1 *Gemmatimonas aurantiaca* T-27  
 YP\_146515.1 *Geobacillus kaustophilus* HTA426  
 YP\_001601578.1 *Gluconacetobacter diazotrophicus* PAI 5  
 YP\_191303.1 *Gluconobacter oxydans* 621H  
 YP\_863230.1 *Gramella forsetii* KT0803  
 ZP\_05851527.1 *Granulicatella elegans* ATCC 700633  
 ZP\_06054046.1 *Grimontia hollisae* CIP 101886  
 CBW29505.1 *Haemophilus influenzae* 10810  
 YP\_431972.1 *Hahella chejuensis* KCTC 2396  
 YP\_003270053.1 *Haliangium ochraceum* DSM 14365  
 YP\_003898589.1 *Halomonas elongata* DSM 2581  
 YP\_001002397.1 *Halorhodospira halophila* SL1  
 YP\_003261958.1 *Halothiobacillus neapolitanus* c2  
 ZP\_04580831.1 *Helicobacter bilis* ATCC 43879  
 YP\_003774040.1 *Herbaspirillum seropedicae* SmR1  
 YP\_001100893.1 *Herminiimonas arsenicoxydans*  
 YP\_001546311.1 *Herpetosiphon aurantiacus* ATCC 23779

ZP_02165952.1	<i>Hoeflea phototrophica</i> DFL-43
BAA00628.1	<i>Homo sapiens</i>
ZP_02177991.1	<i>Hydrogenivirga</i> sp. 128-5-R1-1
YP_003432005.1	<i>Hydrogenobacter thermophilus</i> TK-6
YP_002122164.1	<i>Hydrogenobaculum</i> sp. Y04AAS1
YP_003756777.1	<i>Hyphomicrobium denitrificans</i> ATCC 51888
ZP_01042955.1	<i>Idiomarina baltica</i> OS145
YP_004178356.1	<i>Isosphaera pallida</i> ATCC 43644
YP_508235.1	<i>Jannaschia</i> sp. CCS1
YP_001354575.1	<i>Janthinobacterium</i> sp. Marseille
YP_003146227.1	<i>Kangiella koreensis</i> DSM 16069
YP_003965102.1	<i>Ketogulonicigenium vulgare</i> Y25
YP_001361302.1	<i>Kineococcus radiotolerans</i> SRS30216
ZP_04601673.1	<i>Kingella oralis</i> ATCC 51147
BAJ31205.1	<i>Kitasatospora setae</i> KM-6054
YP_002240023.1	<i>Klebsiella pneumoniae</i> 342
ZP_02161937.1	<i>Kordia algicida</i> OT-1
YP_003381625.1	<i>Kribbella flavida</i> DSM 17836
ZP_06972781.1	<i>Ktedonobacter racemifer</i> DSM 44963
ZP_05116035.1	<i>Labrenzia alexandrii</i> DFL-11
ZP_05745049.1	<i>Lactobacillus antri</i> DSM 16041
ZP_05743641.1	<i>Lactobacillus iners</i> DSM 13335
YP_003354110.1	<i>Lactococcus lactis lactis</i> KF147
YP_002796395.1	<i>Laribacter hongkongensis</i> HLHK9
YP_003998063.1	<i>Leadbetterella byssophila</i> DSM 17132
ZP_01059609.1	<i>Leeuwenhoekiella blandensis</i> MED217
YP_122830.1	<i>Legionella pneumophila</i> str. Paris
ZP_01877243.1	<i>Lentisphaera araneosa</i> HTCC2155
EES52000.1	<i>Leptospirillum ferrodiazotrophum</i>
YP_001791595.1	<i>Leptothrix cholodnii</i> SP-6
ZP_03914598.1	<i>Leuconostoc mesenteroides cremoris</i> ATCC 19254
ZP_01914472.1	<i>Limnobacter</i> sp. MED105
NP_471646.1	<i>Listeria innocua</i> Clip11262
ZP_01002254.1	<i>Loktanella vestfoldensis</i> SKA53
ZP_03697214.1	<i>Lutiella nitroferrum</i> 2002
ZP_07050854.1	<i>Lysinibacillus fusiformis</i> ZC1
YP_002560952.1	<i>Macrococcus caseolyticus</i> JCSC5402
YP_865616.1	<i>Magnetococcus</i> sp. MC-1
ZP_04978366.1	<i>Mannheimia haemolytica</i> PHL213
YP_958768.1	<i>Marinobacter aquaeolei</i> VT8
YP_001341072.1	<i>Marinomonas</i> sp. MWYL1
ZP_01012530.1	<i>Maritimibacter alkaliphilus</i> HTCC2654
YP_004054683.1	<i>Marivirga tractuosa</i> DSM 4126
YP_003507187.1	<i>Meiothermus ruber</i> DSM 1279
ABF50742.1	<i>Mesocricetus auratus</i>
NP_104219.1	<i>Mesorhizobium loti</i> MAFF303099
YP_001021685.1	<i>Methylibium petroleiphilum</i> PM1
YP_544881.1	<i>Methylobacillus flagellatus</i> KT
ZP_07652810.1	<i>Methylobacter tundripaludum</i> SV96
YP_001638942.1	<i>Methylobacterium extorquens</i> PA1
YP_002363938.1	<i>Methylocella silvestris</i> BL2
YP_114114.1	<i>Methylococcus capsulatus</i> str. Bath
ZP_05104653.1	<i>Methylophaga thiooxidans</i> DMS010

ZP\_06886810.1  
YP\_003049146.1  
YP\_003051656.1  
YP\_001655979.1  
YP\_003837328.1  
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YP\_001866010.1  
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ZP\_01306620.1  
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XP\_002179541.1  
XP\_001803227.1  
YP\_129238.1  
YP\_003042212.1  
YP\_023726.1  
YP\_003370976.1  
ZP\_01857739.1  
*Methylosinus trichosporium* OB3b  
*Methylotenera mobilis* JLW8  
*Methylovorus* sp. SIP3-4  
*Microcystis aeruginosa* NIES-843  
*Micromonospora aurantiaca* ATCC 27029  
*Microscilla marina* ATCC 23134  
*Moraxella catarrhalis* RH4  
*Moritella* sp. PE36  
*Mucilaginibacter paludis* DSM 18603  
*Mus musculus*  
*Mycobacterium gilvum* PYR-GCK  
*Myxococcus xanthus* DK 1622  
*Neisseria meningitidis* MC58  
*Neisseria mucosa* ATCC 25996  
*Neisseria subflava* NJ9703  
*Nematostella vectensis*  
*Nitrobacter hamburgensis* X14  
*Nitrococcus mobilis* Nb-231  
*Nitrosococcus halophilus* Nc4  
*Nitrosomonas europaea* ATCC 19718  
*Nitrosomonas eutropha* C91  
*Nitrosospira multiformis* ATCC 25196  
*Nocardioides* sp. JS614  
*Nostoc punctiforme* PCC 73102  
*Novosphingobium aromaticivorans* DSM 12444  
*Oceanibulbus indolifex* HEL-45  
*Oceanicola batsensis* HTCC2597  
*Oceanithermus profundus* DSM 14977  
*Oceanobacillus iheyensis* HTE831  
*Oceanobacter* sp. RED65  
*Oceanospirillum* sp. MED92  
*Ochrobactrum intermedium* LMG 3301  
*Octadecabacter antarcticus* 307  
*Oligotropha carboxidovorans* OM5  
*Opiritatus terrae* PB90-1  
*Paenibacillus larvae larvae* BRL-230010  
*Pantoea* sp. aB  
*Paracoccus denitrificans* PD1222  
*Parvularcula bermudensis* HTCC2503  
*Pasteurella dagmatis* ATCC 43325  
*Paulinella chromatophora*  
*Pectobacterium atrosepticum* SCRI1043  
*Pedobacter heparinus* DSM 2366  
*Pelagibaca bermudensis* HTCC2601  
*Persephonella marina* EX-H1  
*Phaeobacter gallaeciensis* BS107  
*Phaeodactylum tricorutum* CCAP 1055/1  
*Phaeosphaeria nodorum* SN15  
*Photobacterium profundum* SS9  
*Photorhabdus asymbiotica*  
*Picrophilus torridus* DSM 9790  
*Pirellula staleyi* DSM 6068  
*Planctomyces maris* DSM 8797

ZP_08094640.1	<i>Planococcus donghaensis</i> MPA1U2
CAC82988.1	<i>Plasmodium falciparum</i>
CAD12105.1	<i>Plasmodium yoelii</i>
ZP_01905842.1	<i>Plesiocystis pacifica</i> SIR-1
ZP_01117850.1	<i>Polaribacter irgensii</i> 23-P
YP_001798192.1	<i>Polynucleobacter necessarius necessarius</i> STIR1
EFA74915.1	<i>Polysphondylium pallidum</i> PN500
NP_001126366.1	<i>Pongo abelii</i>
NP_904470.1	<i>Porphyromonas gingivalis</i> W83
YP_001014409.1	<i>Prochlorococcus marinus</i> str. NATL1A
YP_003688804.1	<i>Propionibacterium freudenreichii shermanii</i> CIRM-BIA1
YP_002151902.1	<i>Proteus mirabilis</i> HI4320
ZP_06125476.1	<i>Providencia rettgeri</i> DSM 1131
YP_663541.1	<i>Pseudoalteromonas atlantica</i> T6c
YP_001350636.1	<i>Pseudomonas aeruginosa</i> PA7
YP_606608.1	<i>Pseudomonas entomophila</i> L48
YP_002870420.1	<i>Pseudomonas fluorescens</i> SBW25
YP_001186576.1	<i>Pseudomonas mendocina</i> ymp
ADR58476.1	<i>Pseudomonas putida</i> BIRD-1
YP_001172484.1	<i>Pseudomonas stutzeri</i> A1501
NP_790962.1	<i>Pseudomonas syringae</i> pv. tomato str. DC3000
ZP_05086468.1	<i>Pseudovibrio</i> sp. JE062
YP_263679.1	<i>Psychrobacter arcticus</i> 273-4
ZP_01252533.1	<i>Psychroflexus torquis</i> ATCC 700755
YP_943855.1	<i>Psychromonas ingrahamii</i> 37
EFQ91097.1	<i>Pyrenophora teres</i> f. <i>teres</i> 0-1
YP_725643.1	<i>Ralstonia eutropha</i> H16
EDM14670.1	<i>Rattus norvegicus</i>
ZP_01113141.1	<i>Reinekea</i> sp. MED297
YP_001624374.1	<i>Renibacterium salmoninarum</i> ATCC 33209
YP_001979926.1	<i>Rhizobium etli</i> CIAT 652
YP_354280.1	<i>Rhodobacter sphaeroides</i> 2.4.1
YP_002526955.1	<i>Rhodobacter sphaeroides</i> KD131
YP_522808.1	<i>Rhodoferax ferrireducens</i> T118
YP_004012040.1	<i>Rhodomicrobium vannielii</i> ATCC 17100
YP_001989976.1	<i>Rhodopseudomonas palustris</i> TIE-1
YP_002299712.1	<i>Rhodospirillum centenum</i> SW
ZP_02061957.1	<i>Rickettsiella grylli</i>
YP_004046068.1	<i>Riemerella anatipestifer</i> DSM 15868
YP_003194216.1	<i>Robiginitalea biformata</i> HTCC2501
ZP_07659792.1	<i>Roseibium</i> sp. TrichSKD4
YP_001432135.1	<i>Roseiflexus castenholzii</i> DSM 13941
ZP_02140439.1	<i>Roseobacter litoralis</i> Och 149
ZP_06897188.1	<i>Roseomonas cervicalis</i> ATCC 49957
ZP_00959476.1	<i>Roseovarius nubinhibens</i> ISM
YP_165347.1	<i>Ruegeria pomeroyi</i> DSS-3
YP_525605.1	<i>Saccharophagus degradans</i> 2-40
ZP_01745881.1	<i>Sagittula stellata</i> E-37
YP_001159838.1	<i>Salinispora tropica</i> CNB-440
YP_003313619.1	<i>Sanguibacter keddieii</i> DSM 10542
ZP_06756399.1	<i>Scardovia inopinata</i> F0304
XP_002574902.1	<i>Schistosoma mansoni</i>
YP_003659790.1	<i>Segniliparus rotundus</i> DSM 44985

ZP\_06191885.1  
 YP\_927193.1  
 YP\_003523671.1  
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 XP\_970181.1  
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 YP\_996351.1  
 ZP\_05059070.1  
 ZP\_01235835.1

*Serratia odorifera* 4Rx13  
*Shewanella amazonensis* SB2B  
*Sideroxydans lithotrophicus* ES-1  
*Silicibacter lacuscaerulensis* ITI-1157  
*Simonsiella muelleri* ATCC 29453  
*Sinorhizobium medicae* WSM419  
*Slackia exigua* ATCC 700122  
*Sodalis glossinidius* str. 'morsitans'  
*Sorangium cellulosum* 'So ce 56'  
*Sphaerobacter thermophilus* DSM 20745  
*Sphingobacterium spiritivorum* ATCC 33300  
*Sphingobium chlorophenolicum* L-1  
*Sphingomonas wittichii* RW1  
*Sphingopyxis alaskensis* RB2256  
*Spirosoma linguale* DSM 74  
*Staphylococcus saprophyticus saprophyticus* ATCC 15305  
*Stappia aggregata* IAM 12614  
*Starkeya novella* DSM 506  
*Stenotrophomonas maltophilia* K279a  
*Stigmatella aurantiaca* DW4/3-1  
*Streptococcus mutans* UA159  
*Streptococcus sanguinis* SK36  
*Streptomyces pristinaespiralis* ATCC 25486  
*Streptosporangium roseum* DSM 43021  
*Sulfitobacter* sp. EE-36  
*Sulfurimonas denitrificans* DSM 1251  
*Sulfurovum* sp. NBC37-1  
*Sus scrofa*  
*Symbiobacterium thermophilum* IAM 14863  
*Synechococcus* sp. CC9311  
*Teredinibacter turnerae* T7901  
*Thalassiobium* sp. R2A62  
*Thalassiosira pseudonana* CCMP1335  
*Thauera* sp. MZ1T  
*Thermaerobacter marianensis* DSM 12885  
*Thermobaculum terrenum* ATCC BAA-798  
*Thermobifida fusca* YX  
*Thermomicrobium roseum* DSM 5159  
*Thermomonospora curvata* DSM 43183  
*Thermoplasma acidophilum* DSM 1728  
*Thermus aquaticus* Y51MC23  
*Thioalkalivibrio* sp. K90mix  
*Thiobacillus denitrificans* ATCC 25259  
*Thiomicrospira crunogena* XCL-2  
*Thiomonas intermedia* K12  
*Tolumonas auensis* DSM 9187  
*Toxoplasma gondii* ME49  
*Tribolium castaneum*  
*Variovorax paradoxus* S110  
*Veillonella dispar* ATCC 17748  
*Verminephrobacter eiseniae* EF01-2  
*Verrucomicrobiae bacterium* DG1235  
*Vibrio angustum* S14

YP_003709810.1	<i>Waddlia chondrophila</i> WSU 86-1044
NP_871532.1	<i>Wigglesworthia glossinidia</i> endosymbiont of <i>Glossina brevipalpis</i>
YP_001417711.1	<i>Xanthobacter autotrophicus</i> Py2
YP_003374601.1	<i>Xanthomonas albilineans</i>
XP_002934473.1	<i>Xenopus (Silurana) tropicalis</i>
YP_003467510.1	<i>Xenorhabdus bovienii</i> SS-2004
YP_003327196.1	<i>Xylanimonas cellulositytica</i> DSM 15894
NP_297856.1	<i>Xylella fastidiosa</i> 9a5c
YP_001164088.1	<i>Yersinia pestis</i> Pestoides F
YP_003582675.1	<i>Zunongwangia profunda</i> SM-A87
ZP_04758959.1	<i>Zymomonas mobilis mobilis</i> ATCC 10988

GenBank accession numbers (except for *C. fasciculata*, which has the TriTrypDB scaffold number and coordinates) in bold typeface were sequenced in this work.