Muribaculum intestinale (TA-Like pair: WP 068960720.1 & WP 068960721.1)

Aulosira laxa NIES 50 (TA-Like pair: WP_096580554.1 & WP_096580556.1)

Planktothrix serta PCC 8927 (TA-Like pair: WP 083625989.1 & WP 083625953.1)

Thermoactinospora rubra (TA-Like pair: WP 084965215.1 & WP 084965214.1)

Vitreoscilla stercoraria DSM 513 (TA-Like pair: WP 019958914.1 & WP 019958913.1)

Clostridium fessum (TA-Like pair: WP_107001665.1 & WP_107001666.1)

Longimicrobium terrae (TA-Like pair: WP 170035543.1 & WP 170035544.1)

Jeotgalibaca ciconiae (TA-Like pair: WP 164544063.1 & WP 164544064.1)

Spirosoma luteum DSM 19990 (TA-Like pair: WP_018618170.1 & WP_018618169.1)
Sphaerospermopsis kisseleviana NIES 73 (TA-Like pair: WP_096566359.1 & WP_096566361.1)

Prevotella maculosa DSM 19339 JCM 15638 (TA-Like pair: WP_019968523.1 & WP_019968524.1) Clostridium uliginosum (TA-Like pair: WP 090093402.1 & WP 090093399.1)

Pelodictyon luteolum DSM 273 (TA-Like pair: WP 081423673.1 & WP 011357536.1)

Lysinibacillus parviboronicapiens (TA-Like pair: WP_107947258.1 & WP_107923283.1) Gilvimarinus polysaccharolyticus (TA-Like pair: WP 049722510.1 & WP 049721231.1)

Hassallia byssoidea VB512170 (TA-Like pair: WP 039753690.1 & WP 039753692.1)

Ferrimonas marina (TA-Like pair: WP 073325652.1 & WP 143165557.1)

Odoribacter splanchnicus DSM 20712 (TA-Like pair: WP 013613752.1 & WP 013613753.1)

Treponema zioleckii (TA-Like pair: WP 197971959.1 & WP 191017802.1)

Flammeovirga aprica JL 4 (TA-Like pair: WP_169654342.1 & WP_169654343.1)

Desulfotomaculum arcticum DSM 17038 (TA-Like pair: WP_092473876.1 & WP_092473874.1)

Actinobacillus porcinus (TA-Like pair: WP_135709554.1 & WP_135709553.1)

Prevotella jejuni (TA-Like pair: WP 089366797.1 & WP 089366796.1)

Nocardiopsis halophila DSM 44494 (TA-Like pair: WP 017540962.1 & WP 083932762.1)

Amedibacterium intestinale (TA-Like pair: WP 115716314.1 & WP 115716315.1)

Methylobacter tundripaludum (TA-Like pair: WP 104421922.1 & WP 104421923.1)

Methylomonas denitrificans (TA-Like pair: WP 036276562.1 & WP 036276566.1)

Acidithrix ferrooxidans (TA-Like pair: WP 052606785.1 & WP 160291891.1)

Flavobacterium daejeonense DSM 17708 (TA-Like pair: WP_026713786.1 & WP_051590690.1)

Mesorhizobium ciceri (TA-Like pair: WP_063169636.1 & WP_063169637.1)

Bifidobacterium cuniculi DSM 20435 (TA-Like pair: WP 033517154.1 & WP 033517156.1)

Hydrogenimonas thermophila (TA-Like pair: WP_092914039.1 & WP_092914034.1)

Ursidibacter arcticus (TA-Like pair: WP 157394858.1 & WP 157394824.1)

Parabacteroides johnsonii (TA-Like pair: WP 195280948.1 & WP 195280949.1)

Arachidicoccus rhizosphaerae (TA-Like pair: WP_091399069.1 & WP_091399072.1)

Listeria weihenstephanensis (TA-Like pair: WP_036060842.1 & WP_036060840.1)

Niastella vici (TA-Like pair: WP_081155184.1 & WP_081155185.1)

Nonomuraea rubra (TA-Like pair: WP_185101216.1 & WP_185101215.1)
Saccharomonospora iragiensis subsp paurometabolica YIM 90007 (TA-Like pair: WP 007023101.1 & WP 007023102.1)

Mucilaginibacter oryzae (TA-Like pair: WP 109609379.1 & WP 109609380.1)

Fusobacterium periodonticum (TA-Like pair: WP_005969618.1 & WP_005969620.1)

Hungateiclostridium thermocellum ATCC 27405 (TA-Like pair: WP_003514249.1 & WP_003516696.1)

Dickeya paradisiaca Ech703 (TA-Like pair: WP 012763696.1 & WP 012763695.1)

Methylovulum miyakonense HT12 (TA-Like pair: WP 019868423.1 & WP 019868422.1)

Bacteroides caecimuris (TA-Like pair: WP_065539546.1 & WP_065539547.1)
Candidatus Thiodictyon syntrophicum (TA-Like pair: WP_100917806.1 & WP_157817415.1)

Shewanella khirikhana (TA-Like pair: WP 126168140.1 & WP 126168141.1)

Flavobacterium reichenbachii (TA-Like pair: WP 035685005.1 & WP 035685003.1)

Butyrivibrio fibrisolvens (TA-Like pair: WP 110073958.1 & WP 110073957.1)

Actinophytocola oryzae (TA-Like pair: WP 166664262.1 & WP 133905547.1)

Desulfosporosinus meridiei DSM 13257 (TA-Like pair: WP 014901511.1 & WP 014901510.1)

Marinitoga piezophila KA3 (TA-Like pair: WP 014296646.1 & WP 014296645.1)

Malikia spinosa (TA-Like pair: WP_161126459.1 & WP_161126458.1)

Massilimaliae timonensis (TA-Like pair: WP 195543033.1 & WP 195543034.1)

Citrobacter freundii CFNIH1 (TA-Like pair: WP 038641615.1 & WP 038641613.1)

Sphaerochaeta coccoides DSM 17374 (TA-Like pair: WP 013739605.1 & WP 013739604.1)

Thermococcus profundus (TA-Like pair: WP_088857131.1 & WP_088857132.1)

Chitinophaga barathri (TA-Like pair: WP_120515975.1 & WP_120515974.1) Ezakiella coagulans (TA-Like pair: WP 116479483.1 & WP 116479482.1)

Leptolinea tardivitalis (TA-Like pair: WP_062422208.1 & WP_062422209.1)

Seonamhaeicola maritimus (TA-Like pair: WP 147769854.1 & WP 147769855.1)

Filimonas zeae (TA-Like pair: WP 188954325.1 & WP 188954323.1)

Prevotella scopos JCM 17725 (TA-Like pair: WP_025839801.1 & WP_025839800.1)

Muribaculum intestinale (TA-Like pair: WP 068960426.1 & WP 068960427.1)

Bacteroides ndongoniae (TA-Like pair: WP_071150647.1 & WP_071150646.1)
Prevotella scopos JCM 17725 (TA-Like pair: WP 025839954.1 & WP 025839953.1)

Treponema bryantii (TA-Like pair: WP_074930588.1 & WP_083425661.1)

Lactobacillus rapi DSM 19907 JCM 15042 (TA-Like pair: WP 056981327.1 & WP 054748845.1)

Actinomadura parvosata subsp kistnae (TA-Like pair: WP 186404685.1 & WP 186404686.1)

Psychrobacter immobilis (TA-Like pair: WP 109590311.1 & WP 109590313.1)

Algibacillus agarilyticus (TA-Like pair: WP_111979414.1 & WP_111979392.1)

Klebsiella cf planticola B43 (TA-Like pair: WP 042715977.1 & WP 042715978.1)

Candidatus Terasakiella magnetica (TA-Like pair: WP 069186498.1 & WP 069186497.1)

Streptococcus uberis (TA-Like pair: WP_154590297.1 & WP_154615792.1)
Schaalia canis (TA-Like pair: WP 124872319.1 & WP 165867146.1)

Subsaximicrobium wynnwilliamsii (TA-Like pair: WP 147088482.1 & WP 189702677.1)

Butyricimonas faecalis (TA-Like pair: WP_106624558.1 & WP_106624557.1)

Hydrogenimonas thermophila (TA-Like pair: WP 177201982.1 & WP 092911385.1)

Traorella massiliensis (TA-Like pair: WP_071441810.1 & WP_161940477.1)
Arachidicoccus soli (TA-Like pair: WP_162923581.1 & WP_119986793.1)

Ruminiclostridium josui JCM 17888 (TA-Like pair: WP_024831535.1 & WP_054749833.1) Phaeodactylibacter xiamenensis (TA-Like pair: WP 044216947.1 & WP 052515765.1)

Corynebacterium casei LMG S 19264 (TA-Like pair: WP_006823898.1 & WP_006823899.1) Sphingobacterium cellulitidis (TA-Like pair: WP_094281374.1 & WP_094281376.1)

Methylacidiphilum fumariolicum (TA-Like pair: WP 009058223.1 & WP 009058224.1)

Helicobacter valdiviensis (TA-Like pair: WP 111230570.1 & WP 181451029.1)

Saccharothrix texasensis (TA-Like pair: WP 170185228.1 & WP 123745716.1)

Bacteroides xylanisolvens (TA-Like pair: WP 008022265.1 & WP 004325954.1)

Clostridium algidicarnis (TA-Like pair: WP_185162150.1 & WP_104409920.1)
Lewinella persica DSM 23188 (TA-Like pair: WP 020571555.1 & WP 044103841.1)

Gayadomonas joobiniege G7 (TA-Like pair: WP_017446864.1 & WP_017446863.1)

Methanofollis liminatans DSM 4140 (TA-Like pair: WP_004036978.1 & WP_004036977.1)

Gemmata massiliana (TA-Like pair: WP 162667494.1 & WP 162667493.1)

Campylobacter gracilis (TA-Like pair: WP 005869171.1 & WP 005869173.1)

Polynucleobacter rarus (TA-Like pair: WP 159077555.1 & WP 108647069.1)

Glycomyces arizonensis DSM 44726 (TA-Like pair: WP 026923357.1 & WP 051393074.1)

Eubacterium plexicaudatum ASF492 (TA-Like pair: WP 157419097.1 & WP 004058520.1)

Olsenella mediterranea (TA-Like pair: WP 072375175.1 & WP 072375179.1)

Enorma phocaeensis (TA-Like pair: WP_180965827.1 & WP_180965828.1)

Roseibacillus ishigakijimensis (TA-Like pair: WP 200391345.1 & WP 200391346.1)

thiotrophic endosymbiont of Bathymodiolus puteoserpentis Logatchev (TA-Like pair: WP_139682908.1 & WP_139682909.1)

Leptospira kanakyensis (TA-Like pair: WP_135631752.1 & WP_135631751.1)

Chondromyces crocatus (TA-Like pair: WP 169796479.1 & WP 050429839.1)

Streptomyces fulvoviolaceus (TA-Like pair: WP_078655568.1 & WP_078655567.1)

Bacteroides ihuae (TA-Like pair: WP_071144864.1 & WP_071144863.1)

Thermosipho affectus (TA-Like pair: WP_077198150.1 & WP_077198149.1)
Azospirillum doebereinerae (TA-Like pair: WP_127004661.1 & WP_127004663.1)

Polynucleobacter rarus (TA-Like pair: WP_108645682.1 & WP_159077456.1)

Peptidiphaga gingivicola (TA-Like pair: WP 197480474.1 & WP 064231987.1)

Catenuloplanes japonicus (TA-Like pair: WP_051797192.1 & WP_033338577.1)

Sedimentisphaera cyanobacteriorum (TA-Like pair: WP_077540117.1 & WP_161488128.1) Winogradskyella haliclonae (TA-Like pair: WP 188374976.1 & WP 188374975.1)

Acholeplasma oculi (TA-Like pair: WP 045749825.1 & WP 045749824.1)

Chryseobacterium oncorhynchi (TA-Like pair: WP 165826491.1 & WP 109618178.1)

Magnetospirillum moscoviense (TA-Like pair: WP 068502956.1 & WP 172822289.1)

Chitinophaga silvisoli (TA-Like pair: WP_116852224.1 & WP_116852223.1)
Anaerococcus urinomassiliensis (TA-Like pair: WP 073998175.1 & WP 073998174.1)

Streptacidiphilus anmyonensis (TA-Like pair: WP 084700260.1 & WP 084700258.1)

Brachybacterium timonense (TA-Like pair: WP_106506475.1 & WP_106506474.1)

Methanosarcina siciliae C2J (TA-Like pair: WP 048171468.1 & WP 197082134.1)

Slackia heliotrinireducens DSM 20476 (TA-Like pair: WP 012798390.1 & WP 169304508.1)

Anaeroglobus geminatus F0357 (TA-Like pair: WP_006790246.1 & WP_071777896.1)

Leptotrichia buccalis C 1013 b (TA-Like pair: WP_015770300.1 & WP_015770301.1) Helcococcus kunzii ATCC 51366 (TA-Like pair: WP_005398957.1 & WP_005398958.1

Candidatus Marithrix sp Canyon 246 (TA-Like pair: WP_069472236.1 & WP_069472235.1)

Rubritalea profundi (TA-Like pair: WP_105042265.1 & WP_105042266.1)

Methanomassiliicoccus luminyensis (TA-Like pair: WP_019176247.1 & WP_019176248.1)

Hungateiclostridium mesophilum (TA-Like pair: WP 162302496.1 & WP 128705632.1)

Desulfovibrio fructosivorans JJ (TA-Like pair: WP_005990818.1 & WP_005990817.1)

Microcoleus vaginatus FGP 2 (TA-Like pair: WP 006632850.1 & WP 006632851.1)

Chitinophaga japonensis (TA-Like pair: WP_145712496.1 & WP_145712499.1)

Microbacterium ulmi (TA-Like pair: WP_167034743.1 & WP_167034745.1)

Gardnerella vaginalis ATCC 14019 (TA-Like pair: WP 009994245.1 & WP 009994243.1)

Sphingopyxis fribergensis (TA-Like pair: WP_160292371.1 & WP_081997243.1)

Candidatus Arthromitus sp SFB mouse Japan (TA-Like pair: WP_005806949.1 & WP_005806947.1)

Leptotrichia buccalis C 1013 b (TA-Like pair: WP_012806595.1 & WP_012806596.1) Streptococcus ovis DSM 16829 (TA-Like pair: WP_018378081.1 & WP_018378082.1) Paenibacillus oryzae (TA-Like pair: WP_068686163.1 & WP_068686165.1)

Corynebacterium pyruviciproducens (TA-Like pair: WP 180805408.1 & WP 180805410.1)

Runella limosa DSM 17973 (TA-Like pair: WP_028526265.1 & WP_028526266.1)

Heliorestis convoluta (TA-Like pair: WP_162007925.1 & WP_153724860.1)

Planctopirus hydrillae (TA-Like pair: WP 068846821.1 & WP 068846820.1)

Leptolyngbya valderiana BDU 20041 (TA-Like pair: WP_190288578.1 & WP_063716800.1)

Sulfurisphaera tokodaii str 7 (TA-Like pair: WP 010980011.1 & WP 010980010.1)

Paludibacter propionicigenes WB4 (TA-Like pair: WP 013445358.1 & WP 013445359.1)

Haemophilus sputorum (TA-Like pair: WP_111403039.1 & WP_111403041.1)

Colwellia beringensis (TA-Like pair: WP 081152014.1 & WP 157673896.1)

Rhodococcus maanshanensis NBRC 100610 (TA-Like pair: WP 072753937.1 & WP 072753938.1)

Bacillus piezotolerans (TA-Like pair: WP_115450963.1 & WP_115450962.1)

Abyssisolibacter fermentans (TA-Like pair: WP 066505945.1 & WP 066505937.1)

Dinghuibacter silviterrae (TA-Like pair: WP 133994431.1 & WP 162852596.1)

Candidatus Magnetobacterium casensis (TA-Like pair: WP_162176233.1 & WP_040333825.1)

Desulfonatronovibrio magnus (TA-Like pair: WP_198146023.1 & WP_045215787.1)

Mycetocola tolaasinivorans (TA-Like pair: WP 183086299.1 & WP 183086298.1)

Ignatzschineria cameli (TA-Like pair: WP_157953511.1 & WP_109201853.1)

Ammonifex thiophilus (TA-Like pair: WP_115793399.1 & WP_115793398.1)

Candidatus Magnetaquicoccus inordinatus (TA-Like pair: WP_130472262.1 & WP_193771367.1)

Candidatus Marithrix sp Canyon 246 (TA-Like pair: WP_069472233.1 & WP_069473000.1)

Enterococcus faecalis V583 (TA-Like pair: WP_002379013.1 & WP_002358972.1)
Polyangium spumosum (TA-Like pair: WP_170319286.1 & WP_153817836.1)

Marvinbryantia formatexigens (TA-Like pair: WP_143115813.1 & WP_006862766.1)

Luteimonas marina (TA-Like pair: WP 146384746.1 & WP 146384748.1)

Citrobacter koseri (TA-Like pair: WP 060815945.1 & WP 058667989.1)

Dysgonomonas mossii (TA-Like pair: WP 006842869.1 & WP 006842868.1)

Methylobacterium pseudosasicola (TA-Like pair: WP_092038294.1 & WP_139234050.1)

Pilibacter termitis (TA-Like pair: WP 078806813.1 & WP 159443201.1)

Lewinella antarctica (TA-Like pair: WP 168039346.1 & WP 168039344.1)

Mycoplasma todarodis (TA-Like pair: WP_168380644.1 & WP_131613054.1)

Desulfobaculum xiamenense (TA-Like pair: WP_167940302.1 & WP_167940301.1) Hydrogenispora ethanolica (TA-Like pair: WP_132017495.1 & WP_132017493.1)

Phreatobacter cathodiphilus (TA-Like pair: WP_106747380.1 & WP_146144718.1) Amantichitinum ursilacus (TA-Like pair: WP_053935743.1 & WP_053935742.1)

Lentisphaera araneosa HTCC2155 (TA-Like pair: WP_007280845.1 & WP_007280844.1)

Trinickia diaoshuihuensis (TA-Like pair: WP_116135519.1 & WP_116135518.1)

Xylanimonas cellulosilytica DSM 15894 (TA-Like pair: WP 012879625.1 & WP 012879624.1)

Arsenophonus endosymbiont of Apis mellifera (TA-Like pair: WP 180559488.1 & WP 180559489.1)

Xenophilus azovorans DSM 13620 (TA-Like pair: WP 084216887.1 & WP 169748286.1)

Listeria cornellensis FSL F6 0969 (TA-Like pair: WP_065520113.1 & WP_036078075.1)

Paraburkholderia oxyphila NBRC 105797 (TA-Like pair: WP_028217436.1 & WP_167338325.1)

Streptomyces goshikiensis (TA-Like pair: WP_190030956.1 & WP_190030957.1)

Desulfovibrio gilichinskyi (TA-Like pair: WP 085101871.1 & WP 085101869.1)

Selenomonas massiliensis (TA-Like pair: WP_106627368.1 & WP_106627367.1)

Olsenella timonensis (TA-Like pair: WP_075576465.1 & WP_147556174.1)

Leptospira sarikeiensis (TA-Like pair: WP_135647876.1 & WP_135647875.1)
Sphaerochaeta halotolerans (TA-Like pair: WP_160527806.1 & WP_160527807.1)

Cysteiniphilum litorale (TA-Like pair: WP_117002473.1 & WP_117002470.1)

Nocardia camponoti (TA-Like pair: WP_188828458.1 & WP_188828457.1)

Treponema vincentii F0403 (TA-Like pair: WP_006188848.1 & WP_006188847.1)

Bifidobacterium stellenboschense (TA-Like pair: WP 034529330.1 & WP 084686194.1)

Treponema saccharophilum DSM 2985 (TA-Like pair: WP 002702497.1 & WP 002702499.1)

Clostridium felsineum DSM 794 (TA-Like pair: WP_077893789.1 & WP_139356178.1) Effusibacillus lacus (TA-Like pair: WP_096184409.1 & WP_096184407.1)

Oxobacter pfennigii (TA-Like pair: WP 054876090.1 & WP 054876089.1)

Nocardiopsis flavescens (TA-Like pair: WP_073377388.1 & WP_073377387.1)

Pseudomonas tolaasii (TA-Like pair: WP 177006757.1 & WP 177006758.1)

Holdemanella biformis (TA-Like pair: WP_195234435.1 & WP_195234434.1)
Rheinheimera pacifica (TA-Like pair: WP_092794767.1 & WP_092794770.1)

Candidatus Desulfosporosinus infrequens (TA-Like pair: WP 165800135.1 & WP 165800136.1)

Kangiella koreensis DSM 16069 (TA-Like pair: WP_012800554.1 & WP_012800555.1)

Candidatus Cloacimonas acidaminovorans str Evry (TA-Like pair: WP_044279096.1 & WP_015425398.1)

Rippkaea orientalis PCC 8802 (TA-Like pair: WP 015783416.1 & WP 015783417.1)

Candidatus Chloroploca asiatica (TA-Like pair: WP 097654516.1 & WP 172451122.1)

Mobiluncus mulieris (TA-Like pair: WP_004013598.1 & WP_004013597.1)

Formosimonas limnophila (TA-Like pair: WP 189491878.1 & WP 189491881.1)

Enterocloster lavalensis (TA-Like pair: WP_166445646.1 & WP_118754995.1)

Paenibacillus antibioticophila (TA-Like pair: WP 049895094.1 & WP 044481498.1)

Trichococcus flocculiformis (TA-Like pair: WP 068562055.1 & WP 068562053.1)

Zavarzinella formosa DSM 19928 (TA-Like pair: WP 072022327.1 & WP 020475957.1)

Glycomyces buryatensis (TA-Like pair: WP 168801556.1 & WP 168801555.1)

Stackebrandtia endophytica (TA-Like pair: WP_142045067.1 & WP_142045069.1) Acinetobacter haemolyticus (TA-Like pair: WP_075316450.1 & WP_160126717.1)

Lewinella antarctica (TA-Like pair: WP 168039787.1 & WP 168039785.1)

Agrobacterium rosae (TA-Like pair: WP 149895988.1 & WP 149895987.1)

Qipengyuania aquimaris (TA-Like pair: WP_160595116.1 & WP_160595115.1)

Altericroceibacterium endophyticum (TA-Like pair: WP 160735231.1 & WP 160735232.1)

Sphingobacterium daejeonense (TA-Like pair: WP_138090079.1 & WP_138090078.1)

Tumebacillus permanentifrigoris (TA-Like pair: WP_109685371.1 & WP_170119191.1)

Duncaniella dubosii (TA-Like pair: WP_123398946.1 & WP_123398947.1)

Oxalobacter formigenes (TA-Like pair: WP_005880020.1 & WP_005880022.1)

Pedobacter changchengzhani (TA-Like pair: WP 133261190.1 & WP 133261189.1)

Flavobacterium soyangense (TA-Like pair: WP_194310429.1 & WP_194310430.1)

Anaeroplasma bactoclasticum (TA-Like pair: WP_162849868.1 & WP_119016631.1)

Enterocloster asparagiformis (TA-Like pair: WP_007716953.1 & WP_007716951.1)
Rivibacter subsaxonicus (TA-Like pair: WP_130434132.1 & WP_130434134.1)

Methanolobus zinderi (TA-Like pair: WP 176965120.1 & WP 176965119.1)

Saprospira grandis str Lewin (TA-Like pair: WP_015692083.1 & WP_041329562.1) Sphaerochaeta halotolerans (TA-Like pair: WP_160527831.1 & WP_160527832.1)

Brevundimonas terrae (TA-Like pair: WP 167177639.1 & WP 167177637.1)

Caldicellulosiruptor bescii (TA-Like pair: WP_015906938.1 & WP_143287410.1)

Ruminiclostridium josui JCM 17888 (TA-Like pair: WP 024833412.1 & WP 024833413.1)

Tychonema bourrellyi FEM GT703 (TA-Like pair: WP_096829208.1 & WP_096829209.1)

Salinivenus lutea (TA-Like pair: WP_103005614.1 & WP_180983642.1)
Sphaerochaeta globosa str Buddy (TA-Like pair: WP 013605931.1 & WP 013605930.1)

Acidaminococcus fermentans DSM 20731 (TA-Like pair: WP_012938117.1 & WP_041666096.1)

Bifidobacterium adolescentis L2 32 (TA-Like pair: WP 003806791.1 & WP 003806789.1)

Lewinella lacunae (TA-Like pair: WP 187465889.1 & WP 187465888.1)

Lewinella lacunae (TA-Like pair: WP 187468577.1 & WP 187468576.1)

Methylobacterium gossipiicola (TA-Like pair: WP_091973229.1 & WP_091973231.1) Fibrobacter intestinalis (TA-Like pair: WP 198951021.1 & WP 078777534.1)

Phocaeicola coprophilus (TA-Like pair: WP 008139731.1 & WP 182283892.1)

Faecalitalea cylindroides (TA-Like pair: WP 195191576.1 & WP 195191577.1)

Gemella haemolysans (TA-Like pair: WP 004263355.1 & WP 003144021.1)

Photobacterium piscicola (TA-Like pair: WP_080157858.1 & WP_080157857.1)

Collinsella intestinalis (TA-Like pair: WP 118103344.1 & WP 118103342.1)

Candidatus Cloacimonas acidaminovorans str Evry (TA-Like pair: WP_157860016.1 & WP_071818978.1)

Collinsella stercoris DSM 13279 (TA-Like pair: WP_006721379.1 & WP_006721377.1)

Psychrobacillus vulpis (TA-Like pair: WP_166462354.1 & WP_142640938.1)
Lactococcus hodotermopsidis (TA-Like pair: WP_172206995.1 & WP_172206993.1)

Pseudomonas arsenicoxydans (TA-Like pair: WP 090181233.1 & WP 157695013.1)

Neptunicella marina (TA-Like pair: WP_186507720.1 & WP_186507721.1)
Galactobacillus timonensis (TA-Like pair: WP_102343276.1 & WP_167850029.1)

Frankia symbiont of Coriaria ruscifolia (TA-Like pair: WP 131786017.1 & WP 131786016.1)

Aquisphaera giovannonii (TA-Like pair: WP_148598514.1 & WP_148598515.1)

Methylorubrum thiocyanatum (TA-Like pair: WP_182554395.1 & WP_182554396.1)

Chitinophaga oryziterrae (TA-Like pair: WP 157298833.1 & WP 157298834.1)

Rectinema subterraneum (TA-Like pair: WP_158907789.1 & WP_158907788.1)

Trueperella pyogenes (TA-Like pair: WP_025296519.1 & WP_025296518.1)
Enterorhabdus mucosicola DSM 19490 (TA-Like pair: WP 028026487.1 & WP 028026486.1)

Lyngbya aestuarii BL J (TA-Like pair: WP_023064694.1 & WP_023064656.1)
Leptolyngbya valderiana BDU 20041 (TA-Like pair: WP_063719719.1 & WP_074171061.1)

Archangium violaceum Cb vi76 (TA-Like pair: WP 043406592.1 & WP 052519109.1)

Methanoregula formicica SMSP (TA-Like pair: WP 015284788.1 & WP 015284789.1)

Sagittula stellata E 37 (TA-Like pair: WP_083803449.1 & WP_083803448.1)

Microcoleus vaginatus FGP 2 (TA-Like pair: WP_006632954.1 & WP_158307975.1) Sphingomonas xinjiangensis (TA-Like pair: WP_184089547.1 & WP_184089543.1)

Puniceicoccus vermicola (TA-Like pair: WP 185691278.1 & WP 185691279.1)

Slackia isoflavoniconvertens (TA-Like pair: WP 123219697.1 & WP 161957488.1)

Deinococcus hopiensis KR 140 (TA-Like pair: WP_139806942.1 & WP_084049295.1)

Thermophagus xiamenensis (TA-Like pair: WP_010528072.1 & WP_010528071.1)

Mesotoga prima MesG1 Ag 4 2 (TA-Like pair: WP 014730833.1 & WP 014730832.1)

Sphaerochaeta pleomorpha str Grapes (TA-Like pair: WP_014270269.1 & WP_014270270.1)

Hypericibacter terrae (TA-Like pair: WP 191908469.1 & WP 151176642.1)

Slackia equolifaciens (TA-Like pair: WP 123209478.1 & WP 161957884.1)

Candidatus Magnetaquicoccus inordinatus (TA-Like pair: WP_193771182.1 & WP_130470991.1)

Actinophytocola oryzae (TA-Like pair: WP 133904995.1 & WP 133905064.1)

Pseudopropionibacterium massiliense (TA-Like pair: WP_130873710.1 & WP_130873711.1) Francisella opportunistica (TA-Like pair: WP 071629695.1 & WP 071629696.1)

Kingella oralis (TA-Like pair: WP_003796438.1 & WP_003796439.1)

