

**Table A-4: Positive and negative genome examples used in the statistical CGP of peptidoglycan-related genes (case study 1)**

This table lists the 400 positive genome examples and 17 negative genome examples in the statistical CGP of peptidoglycan-related genes.

Genome	Genbank Accession
Positive genome examples (400)	
<i>Acidobacteria bacterium</i> Ellin345	CP000360
<i>Acidothermus cellulolyticus</i> 11B	CP000481
<i>Acidovorax</i> JS42	CP000539, CP000540, CP000541
<i>Acidovorax avenae citrulli</i> AAC00-1	CP000512
<i>Acinetobacter sp</i> ADP1	CR543861
<i>Aeromonas hydrophila</i> ATCC 7966	CP000462
<i>Agrobacterium tumefaciens</i> C58 UWash	AE008687, AE008688, AE008689, AE008690
<i>Alcanivorax borkumensis</i> SK2	AM286690
<i>Alkalilimnicola ehrlichei</i> MLHE-1	CP000453
<i>Anabaena variabilis</i> ATCC 29413	CP000117, CP000119, CP000120, CP000121
<i>Anaeromyxobacter dehalogenans</i> 2CP-C	CP000251
<i>Aquifex aeolicus</i>	AE000657, AE000667
<i>Arthrobacter</i> FB24	CP000454
<i>Arthrobacter aureescens</i> TC1	CP000474, CP000475, CP000476
<i>Azoarcus</i> BH72	AM406670
<i>Azoarcus sp</i> EbN1	CR555306, CR555307, CR555308
<i>Bacillus anthracis</i> Ames	AE016879
<i>Bacillus anthracis</i> Ames 0581	AE017334, AE017335, AE017336
<i>Bacillus anthracis str</i> Sterne	AE017225
<i>Bacillus cereus</i> ATCC14579	AE016877, AE016878
<i>Bacillus cereus</i> ATCC 10987	AE017194, AE017195

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Genome	Genbank Accession
<i>Bacillus cereus</i> ZK	CP000001, CP000040, CP000041, CP000042, CP000043, CP000044
<i>Bacillus clausii</i> KSM-K16	AP006627
<i>Bacillus halodurans</i>	BA000004
<i>Bacillus licheniformis</i> DSM 13	AE017333
<i>Bacillus subtilis</i>	AL009126
<i>Bacillus thuringiensis</i> Al Hakam	CP000485, CP000486
<i>Bacillus thuringiensis</i> konkukian	AE017355, CP000047
<i>Bacteroides fragilis</i> NCTC 9434	CR626927, CR626928
<i>Bacteroides fragilis</i> YCH46	AP006841, AP006842
<i>Bacteroides thetaiotaomicron</i> VPI-5482	AE015928, AY171301
<i>Bartonella bacilliformis</i> KC583	CP000524
<i>Bartonella henselae</i> Houston-1	BX897699
<i>Bartonella quintana</i> Toulouse	BX897700
<i>Baumannia cicadellinicola</i> Homalodisca coagulata	CP000238
<i>Bdellovibrio bacteriovorus</i>	BX842601
<i>Bifidobacterium adolescentis</i> ATCC 15703	AP009256
<i>Bifidobacterium longum</i>	AE014295, AF540971
<i>Bordetella bronchiseptica</i>	BX470250
<i>Bordetella parapertussis</i>	BX470249
<i>Bordetella pertussis</i>	BX470248
<i>Borrelia afzelii</i> PKo	CP000395, CP000396, CP000397, CP000398, CP000399, CP000400, CP000401, CP000402, CP000403

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Genome	Genbank Accession
<i>Borrelia burgdorferi</i>	AE000784, AE000785, AE000786, AE000787, AE000788, AE000789, AE000790, AE000791, AE000792, AE000793, AE000794, AE001115, AE001575, AE001576, AE001577, AE001578, AE001579, AE001580, AE001581, AE001582, AE001583, AE001584
<i>Borrelia garinii</i> PBi	CP000013, CP000014, CP000015
<i>Bradyrhizobium japonicum</i>	BA000040
<i>Brucella abortus</i> 9-941	AE017223, AE017224
<i>Brucella melitensis</i>	AE008917, AE008918
<i>Brucella melitensis</i> biovar Abortus	AM040264, AM040265
<i>Brucella suis</i> 1330	AE014291, AE014292
<i>Buchnera aphidicola</i>	AE016826, AF492591
<i>Buchnera aphidicola</i> Cc <i>Cinara cedri</i>	CP000263
<i>Buchnera aphidicola</i> Sg	AE013218
<i>Buchnera</i> sp	AP001070, AP001071, BA000003
<i>Burkholderia</i> 383	CP000150, CP000151, CP000152
<i>Burkholderia cenocepacia</i> AU 1054	CP000378, CP000379, CP000380

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Genome	Genbank Accession
<i>Burkholderia cenocepacia</i> HI2424	CP000458, CP000459, CP000460, CP000461
<i>Burkholderia cepacia</i> AMMD	CP000440, CP000441, CP000442, CP000443
<i>Burkholderia mallei</i> ATCC 23344	CP000010, CP000011
<i>Burkholderia mallei</i> NCTC 10229	CP000545, CP000546
<i>Burkholderia mallei</i> SAVP1	CP000525, CP000526
<i>Burkholderia pseudomallei</i> 1710b	CP000124, CP000125
<i>Burkholderia pseudomallei</i> K96243	BX571965, BX571966
<i>Burkholderia thailandensis</i> E264	CP000085, CP000086
<i>Burkholderia xenovorans</i> LB400	CP000270, CP000271, CP000272
<i>Campylobacter fetus</i> 82-40	CP000487
<i>Campylobacter jejuni</i>	AL111168
<i>Campylobacter jejuni</i> RM1221	CP000025
<i>Candidatus</i> Blochmannia floridanus	BX248583
<i>Candidatus</i> Blochmannia pennsylvanicus BPEN	CP000016
<i>Candidatus</i> Carsonella ruddii	AP009180
<i>Candidatus</i> Pelagibacter ubique HTCC1062	CP000084
<i>Candidatus</i> Ruthia magnifica Cm Calyptogenia magnifica	CP000488
<i>Carboxydotherrmus hydrogenoformans</i> Z-2901	CP000141
<i>Caulobacter crescentus</i>	AE005673
<i>Chlamydia muridarum</i>	AE002160, AE002162
<i>Chlamydia trachomatis</i>	AE001273
<i>Chlamydia trachomatis</i> A HAR-13	CP000051, CP000052
<i>Chlamydophila abortus</i> S26 3	CR848038
<i>Chlamydophila caviae</i>	AE015925, AE015926
<i>Chlamydophila felis</i> Fe C-56	AP006861, AP006862
<i>Chlamydophila pneumoniae</i> AR39	AE002161
<i>Chlamydophila pneumoniae</i> CWL029	AE001363
<i>Chlamydophila pneumoniae</i> J138	BA000008
<i>Chlamydophila pneumoniae</i> TW 183	AE009440

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Genome	Genbank Accession
<i>Chlorobium chlorochromatii</i> CaD3	CP000108
<i>Chlorobium phaeobacteroides</i> DSM 266	CP000492
<i>Chlorobium tepidum</i> TLS	AE006470
<i>Chromobacterium violaceum</i>	AE016825
<i>Chromohalobacter salexigens</i> DSM 3043	CP000285
<i>Clostridium acetobutylicum</i>	AE001437, AE001438
<i>Clostridium novyi</i> NT	CP000382
<i>Clostridium perfringens</i>	AP003515, BA000016
<i>Clostridium perfringens</i> ATCC 13124	CP000246
<i>Clostridium perfringens</i> SM101	CP000312, CP000313, CP000314, CP000315
<i>Clostridium tetani</i> E88	AE015927, AF528097
<i>Clostridium thermocellum</i> ATCC 27405	
<i>Colwellia psychrerythraea</i> 34H	CP000083
<i>Corynebacterium diphtheriae</i>	BX248353
<i>Corynebacterium efficiens</i> YS-314	BA000035
<i>Corynebacterium glutamicum</i> ATCC 13032 Bielefeld	BX927147
<i>Corynebacterium jeikeium</i> K411	AF401314, CR931997
<i>Coxiella burnetii</i>	AE016828, AE016829
<i>Cyanobacteria bacterium</i> Yellowstone A-Prime	CP000239
<i>Cyanobacteria bacterium</i> Yellowstone B-Prime	CP000240
<i>Cytophaga hutchinsonii</i> ATCC 33406	CP000383
<i>Dechloromonas aromatica</i> RCB	CP000089
<i>Dehalococcoides</i> CBDB1	AJ965256
<i>Dehalococcoides ethenogenes</i> 195	CP000027
<i>Deinococcus geothermalis</i> DSM 11300	CP000358, CP000359
<i>Deinococcus radiodurans</i>	AE000513, AE001825, AE001826, AE001827
<i>Desulfitobacterium hafniense</i> Y51	AP008230
<i>Desulfotalea psychrophila</i> Lsv54	CR522870, CR522871, CR522872
<i>Desulfovibrio desulfuricans</i> G20	CP000112
<i>Desulfovibrio vulgaris</i> DP4	CP000527, CP000528
<i>Desulfovibrio vulgaris</i> Hildenborough	AE017285, AE017286

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Genome	Genbank Accession
<i>Ehrlichia canis</i> Jake	CP000107
<i>Ehrlichia chaffeensis</i> Arkansas	CP000236
<i>Ehrlichia ruminantium</i> Gardel	CR925677
<i>Ehrlichia ruminantium str.</i> Welgevonden	CR925678
<i>Enterococcus faecalis</i> V583	AE016830, AE016831, AE016832, AE016833
<i>Erwinia carotovora atroseptica</i> SCRI1043	BX950851
<i>Erythrobacter litoralis</i> HTCC2594	CP000157
<i>Escherichia coli</i> 536	CP000247
<i>Escherichia coli</i> APEC O1	CP000468
<i>Escherichia coli</i> CFT073	AE014075
<i>Escherichia coli</i> K12	U00096
<i>Escherichia coli</i> O157H7	AB011548, AB011549, BA000007
<i>Escherichia coli</i> O157H7 EDL933	AE005174, AF074613
<i>Escherichia coli</i> UTI89	CP000243, CP000244
<i>Escherichia coli</i> W3110	
<i>Francisella tularensis</i> FSC 198	AM286280
<i>Francisella tularensis holarctica</i>	AM233362
<i>Francisella tularensis holarctica</i> OSU18	CP000437
<i>Francisella tularensis novicida</i> U112	CP000439
<i>Francisella tularensis tularensis</i>	AJ749949
<i>Frankia</i> CcI3	CP000249
<i>Frankia alni</i> ACN14a	CT573213
<i>Fusobacterium nucleatum</i>	AE009951
<i>Geobacillus kaustophilus</i> HTA426	AP006520, BA000043
<i>Geobacter metallireducens</i> GS-15	CP000148, CP000149
<i>Geobacter sulfurreducens</i>	AE017180
<i>Gloeobacter violaceus</i>	BA000045
<i>Gluconobacter oxydans</i> 621H	CP000004, CP000005, CP000006, CP000007, CP000008, CP000009
<i>Gramella forsetii</i> KT0803	CU207366
<i>Granulobacter bethesdensis</i> CGDNIH1	CP000394
<i>Haemophilus ducreyi</i> 35000HP	AE017143
<i>Haemophilus influenzae</i>	
<i>Haemophilus influenzae</i> 86 028NP	CP000057

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Genome	Genbank Accession
<i>Haemophilus somnus</i> 129PT	CP000019, CP000436
<i>Hahella chejuensis</i> KCTC 2396	CP000155
<i>Halorhodospira halophila</i> SL1	CP000544
<i>Helicobacter acinonychis</i> Sheeba	AM260522, AM260523
<i>Helicobacter hepaticus</i>	AE017125
<i>Helicobacter pylori</i> 26695	AE000511
<i>Helicobacter pylori</i> HPAG1	CP000241, CP000242
<i>Helicobacter pylori</i> J99	AE001439
<i>Hyphomonas neptunium</i> ATCC 15444	CP000158
<i>Idiomarina loihiensis</i> L2TR	AE017340
<i>Jannaschia</i> CCS1	CP000264, CP000265
<i>Lactobacillus acidophilus</i> NCFM	CP000033
<i>Lactobacillus brevis</i> ATCC 367	CP000416, CP000417, CP000418
<i>Lactobacillus casei</i> ATCC 334	CP000423, CP000424
<i>Lactobacillus delbrueckii bulgaricus</i>	CR954253
<i>Lactobacillus delbrueckii bulgaricus</i> ATCC BAA-365	CP000412
<i>Lactobacillus gasseri</i> ATCC 33323	CP000413
<i>Lactobacillus johnsonii</i> NCC 533	AE017198
<i>Lactobacillus plantarum</i>	AL935263, CR377164, CR377165, CR377166
<i>Lactobacillus sakei</i> 23K	CR936503
<i>Lactobacillus salivarius</i> UCC118	AF488831, AF488832, CP000233, CP000234
<i>Lactococcus lactis</i>	AE005176
<i>Lactococcus lactis cremoris</i> MG1363	AM406671
<i>Lactococcus lactis cremoris</i> SK11	CP000425, CP000426, CP000427, CP000428, CP000429, CP000430
<i>Lawsonia intracellularis</i> PHE MN1-00	AM180252, AM180253, AM180254, AM180255

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Genome	Genbank Accession
<i>Legionella pneumophila</i> Lens	CR628337, CR628339
<i>Legionella pneumophila</i> Paris	CR628336, CR628338
<i>Legionella pneumophila</i> Philadelphia 1	AE017354
<i>Leifsonia xyli xyli</i> CTCB0	AE016822
<i>Leptospira borgpetersenii</i> serovar Hardjo-bovis JB197	CP000350, CP000351
<i>Leptospira borgpetersenii</i> serovar Hardjo-bovis L550	CP000348, CP000349
<i>Leptospira interrogans</i> serovar Copenhageni	AE016823, AE016824
<i>Leptospira interrogans</i> serovar Lai	AE010300, AE010301
<i>Leuconostoc mesenteroides</i> ATCC 8293	CP000414, CP000415
<i>Listeria innocua</i>	AL592022, AL592102
<i>Listeria monocytogenes</i>	AL591824
<i>Listeria monocytogenes</i> 4b F2365	AE017262
<i>Listeria welshimeri</i> serovar 6b SLCC5334	AM263198
<i>Magnetococcus</i> MC-1	CP000471
<i>Magnetospirillum magneticum</i> AMB-1	AP007255
<i>Mannheimia succiniciproducens</i> MBEL55E	AE016827
<i>Maricaulis maris</i> MCS10	CP000449
<i>Marinobacter aquaeolei</i> VT8	
<i>Mesorhizobium</i> BNC1	CP000389, CP000390, CP000391, CP000392
<i>Mesorhizobium loti</i>	AP003017, BA000012, BA000013
<i>Methylibium petroleiphilum</i> PM1	CP000555, CP000556
<i>Methylobacillus flagellatus</i> KT	CP000284
<i>Methylococcus capsulatus</i> Bath	AE017282
<i>Moorella thermoacetica</i> ATCC 39073	CP000232
<i>Mycobacterium</i> KMS	CP000518, CP000519, CP000520
<i>Mycobacterium</i> MCS	CP000384, CP000385
<i>Mycobacterium avium</i> 104	CP000479
<i>Mycobacterium avium</i> paratuberculosis	AE016958
<i>Mycobacterium bovis</i>	BX248333
<i>Mycobacterium bovis</i> BCG Pasteur 1173P2	AM408590

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Genome	Genbank Accession
<i>Mycobacterium leprae</i>	AL450380
<i>Mycobacterium smegmatis</i> MC2 155	CP000480
<i>Mycobacterium tuberculosis</i> CDC1551	AE000516
<i>Mycobacterium tuberculosis</i> H37Rv	AL123456
<i>Mycobacterium ulcerans</i> Agy99	CP000325
<i>Mycobacterium vanbaalenii</i> PYR-1	CP000511
<i>Myrococcus xanthus</i> DK 1622	CP000113
<i>Neisseria gonorrhoeae</i> FA 1090	AE004969
<i>Neisseria meningitidis</i> FAM18	AM421808
<i>Neisseria meningitidis</i> MC58	AE002098
<i>Neisseria meningitidis</i> Z2491	AL157959
<i>Neorickettsia sennetsu</i> Miyayama	CP000237
<i>Nitrobacter hamburgensis</i> X14	CP000319, CP000320, CP000321, CP000322
<i>Nitrobacter winogradskyi</i> Nb-255	CP000115
<i>Nitrosococcus oceani</i> ATCC 19707	CP000126, CP000127
<i>Nitrosomonas europaea</i>	AL954747
<i>Nitrosomonas eutropha</i> C71	CP000450, CP000451, CP000452
<i>Nitrospira multififormis</i> ATCC 25196	CP000103, CP000104, CP000105, CP000106
<i>Nocardia farcinica</i> IFM10152	AP006618, AP006619, AP006620
<i>Nocardioides</i> JS614	CP000508, CP000509
<i>Nostoc</i> sp	AP003602, AP003603, AP003604, AP003605, AP003606, BA000019, BA000020
<i>Novosphingobium aromaticivorans</i> DSM 12444	CP000248
<i>Oceanobacillus ihayensis</i>	BA000028
<i>Oenococcus oeni</i> PSU-1	CP000411
<i>Parachlamydia</i> sp UWE25	BX908798
<i>Paracoccus denitrificans</i> PD1222	CP000489, CP000490, CP000491
<i>Pasteurella multocida</i>	AE004439

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Genome	Genbank Accession
<i>Pediococcus pentosaceus</i> ATCC 25745	CP000422
<i>Pelobacter carbinolicus</i>	CP000142
<i>Pelobacter propionicus</i> DSM 2379	CP000482, CP000483, CP000484
<i>Pelodictyon luteolum</i> DSM 273	CP000096
<i>Photobacterium profundum</i> SS9	CR354531, CR354532, CR377818
<i>Photorhabdus luminescens</i>	BX470251
<i>Pirellula</i> sp	BX119912
<i>Polaromonas</i> JS666	CP000316, CP000317, CP000318
<i>Polaromonas naphthalenivorans</i> CJ2	CP000529, CP000530, CP000531, CP000532, CP000533, CP000534, CP000535, CP000536, CP000537
<i>Porphyromonas gingivalis</i> W83	AE015924
<i>Prochlorococcus marinus</i> AS9601	CP000551
<i>Prochlorococcus marinus</i> CCMP1375	AE017126
<i>Prochlorococcus marinus</i> MED4	BX548174
<i>Prochlorococcus marinus</i> MIT9313	BX548175
<i>Prochlorococcus marinus</i> MIT 9303	CP000554
<i>Prochlorococcus marinus</i> MIT 9312	CP000111
<i>Prochlorococcus marinus</i> MIT 9515	CP000552
<i>Prochlorococcus marinus</i> NATL1A	CP000553
<i>Prochlorococcus marinus</i> NATL2A	CP000095
<i>Propionibacterium acnes</i> KPA171202	AE017283
<i>Pseudoalteromonas atlantica</i> T6c	CP000388
<i>Pseudoalteromonas haloplanktis</i> TAC125	CR954246, CR954247
<i>Pseudomonas aeruginosa</i>	AE004091
<i>Pseudomonas aeruginosa</i> UCBPP-PA14	CP000438
<i>Pseudomonas entomophila</i> L48	CT573326
<i>Pseudomonas fluorescens</i> Pf-5	CP000076
<i>Pseudomonas fluorescens</i> PfO-1	CP000094
<i>Pseudomonas putida</i> KT2440	AE015451
<i>Pseudomonas syringae phaseolicola</i> 1448A	CP000058, CP000059, CP000060
<i>Pseudomonas syringae</i> pv B728a	CP000075

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Genome	Genbank Accession
<i>Pseudomonas syringae</i> tomato DC3000	AE016853, AE016854, AE016855
<i>Psychrobacter arcticum</i> 273-4	CP000082
<i>Psychrobacter cryohalolentis</i> K5	CP000323, CP000324
<i>Psychromonas ingrahamii</i> 37	CP000510
<i>Ralstonia eutropha</i> H16	AM260479, AM260480
<i>Ralstonia eutropha</i> JMP134	CP000090, CP000091, CP000092, CP000093
<i>Ralstonia metallidurans</i> CH34	CP000352, CP000353, CP000354, CP000355
<i>Ralstonia solanacearum</i>	AL646052, AL646053
<i>Rhizobium etli</i> CFN 42	CP000133, CP000134, CP000135, CP000136, CP000137, CP000138
<i>Rhizobium leguminosarum</i> bv <i>viciae</i> 3841	AM236080, AM236081, AM236082, AM236083, AM236084, AM236085, AM236086
<i>Rhodobacter sphaeroides</i> 2 4 1	CP000143, CP000144, CP000145, CP000146, CP000147, DQ232586, DQ232587
<i>Rhodococcus</i> RHA1	CP000431, CP000432, CP000433, CP000434
<i>Rhodoferax ferrireducens</i> T118	CP000267, CP000268
<i>Rhodopseudomonas palustris</i> BisA53	CP000463
<i>Rhodopseudomonas palustris</i> BisB18	CP000301

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Genome	Genbank Accession
<i>Rhodopseudomonas palustris</i> BisB5	CP000283
<i>Rhodopseudomonas palustris</i> CGA009	BX571963, BX571964
<i>Rhodopseudomonas palustris</i> HaA2	CP000250
<i>Rhodospirillum rubrum</i> ATCC 11170	CP000230, CP000231
<i>Rickettsia bellii</i> RML369-C	CP000087
<i>Rickettsia conorii</i>	AE006914
<i>Rickettsia felis</i> URRWXCal2	CP000053, CP000054, CP000055
<i>Rickettsia prowazekii</i>	AJ235269
<i>Rickettsia typhi wilmington</i>	AE017197
<i>Roseobacter denitrificans</i> OCh 114	CP000362, CP000464, CP000465, CP000466, CP000467
<i>Rubrobacter xylanophilus</i> DSM 9941	CP000386
<i>Saccharophagus degradans</i> 2-40	CP000282
<i>Salinibacter ruber</i> DSM 13855	CP000159, CP000160
<i>Salmonella enterica</i> Choleraesuis	AE017220, AY509003, AY509004
<i>Salmonella enterica</i> Paratyphi ATCC 9150	CP000026
<i>Salmonella typhi</i>	AL513382, AL513383, AL513384
<i>Salmonella typhi</i> Ty2	AE014613
<i>Salmonella typhimurium</i> LT2	AE006468, AE006471
<i>Shewanella</i> ANA-3	CP000469, CP000470
<i>Shewanella</i> MR-4	CP000446
<i>Shewanella</i> MR-7	CP000444, CP000445
<i>Shewanella</i> W3-18-1	CP000503
<i>Shewanella amazonensis</i> SB2B	CP000507
<i>Shewanella denitrificans</i> OS217	CP000302
<i>Shewanella frigidimarina</i> NCIMB 400	CP000447
<i>Shewanella oneidensis</i>	AE014299, AE014300
<i>Shigella boydii</i> Sb227	CP000036, CP000037
<i>Shigella dysenteriae</i>	CP000034, CP000035

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Genome	Genbank Accession
<i>Shigella flexneri</i> 2a	AE005674, AF386526
<i>Shigella flexneri</i> 2a 2457T	AE014073
<i>Shigella flexneri</i> 5 8401	CP000266
<i>Shigella sonnei</i> Ss046	CP000038, CP000039
<i>Silicibacter</i> TM1040	CP000375, CP000376, CP000377
<i>Silicibacter pomeroyi</i> DSS-3	CP000031, CP000032
<i>Sinorhizobium meliloti</i>	AE006469, AL591688, AL591985
<i>Sodalis glossinidius morsitans</i>	AP008232, AP008233, AP008234, AP008235
<i>Solibacter usitatus</i> Ellin6076	CP000473
<i>Sphingopyxis alaskensis</i> RB2256	CP000356, CP000357
<i>Staphylococcus aureus</i> COL	CP000045, CP000046
<i>Staphylococcus aureus</i> MW2	BA000033
<i>Staphylococcus aureus</i> Mu50	AP003367, BA000017
<i>Staphylococcus aureus</i> N315	AP003139, BA000018
<i>Staphylococcus aureus</i> NCTC 8325	CP000253
<i>Staphylococcus aureus</i> RF122	AJ938182
<i>Staphylococcus aureus</i> USA300	CP000255, CP000256, CP000257, CP000258
<i>Staphylococcus aureus aureus</i> MRSA252	BX571856
<i>Staphylococcus aureus aureus</i> MSSA476	BX571857, BX571858
<i>Staphylococcus epidermidis</i> ATCC 12228	AE015929, AE015930, AE015931, AE015932, AE015933, AE015934, AE015935
<i>Staphylococcus epidermidis</i> RP62A	CP000028, CP000029
<i>Staphylococcus haemolyticus</i>	AP006716

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Genome	Genbank Accession
<i>Staphylococcus saprophyticus</i>	AP008934, AP008935, AP008936
<i>Streptococcus agalactiae</i> 2603	AE009948
<i>Streptococcus agalactiae</i> A909	CP000114
<i>Streptococcus agalactiae</i> NEM316	AL732656
<i>Streptococcus mutans</i>	AE014133
<i>Streptococcus pneumoniae</i> D39	CP000410
<i>Streptococcus pneumoniae</i> R6	AE007317
<i>Streptococcus pyogenes</i> M1 GAS	AE004092
<i>Streptococcus pyogenes</i> MGAS10270	CP000260
<i>Streptococcus pyogenes</i> MGAS10394	CP000003
<i>Streptococcus pyogenes</i> MGAS10750	CP000262
<i>Streptococcus pyogenes</i> MGAS2096	CP000261
<i>Streptococcus pyogenes</i> MGAS315	AE014074
<i>Streptococcus pyogenes</i> MGAS5005	CP000017
<i>Streptococcus pyogenes</i> MGAS6180	CP000056
<i>Streptococcus pyogenes</i> MGAS8232	AE009949
<i>Streptococcus pyogenes</i> MGAS9429	CP000259
<i>Streptococcus pyogenes</i> SSI-1	BA000034
<i>Streptococcus sanguinis</i> SK36	
<i>Streptococcus thermophilus</i> CNRZ1066	CP000024
<i>Streptococcus thermophilus</i> LMD-9	CP000419, CP000420, CP000421
<i>Streptococcus thermophilus</i> LMG 18311	CP000023
<i>Streptomyces avermitilis</i>	AP005645, BA000030
<i>Streptomyces coelicolor</i>	AL589148, AL645771, AL645882
<i>Symbiobacterium thermophilum</i> IAM14863	AP006840
<i>Synechococcus</i> CC9311	CP000435
<i>Synechococcus</i> CC9605	CP000110
<i>Synechococcus</i> CC9902	CP000097
<i>Synechococcus elongatus</i> PCC 6301	AP008231
<i>Synechococcus elongatus</i> PCC 7942	CP000100, CP000101
<i>Synechococcus</i> sp WH8102	BX548020
<i>Synechocystis</i> PCC6803	AP004310, AP004311, AP004312, AP006585, BA000022
<i>Syntrophobacter fumaroxidans</i> MPOB	CP000478
<i>Syntrophomonas wolfei</i> Goettingen	CP000448
<i>Syntrophus aciditrophicus</i> SB	CP000252

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Genome	Genbank Accession
<i>Thermoanaerobacter tengcongensis</i>	AE008691
<i>Thermobifida fusca</i> YX	CP000088
<i>Thermosynechococcus elongatus</i>	BA000039
<i>Thermotoga maritima</i>	AE000512
<i>Thermus thermophilus</i> HB27	AE017221, AE017222
<i>Thermus thermophilus</i> HB8	AP008226, AP008227, AP008228
<i>Thiobacillus denitrificans</i> ATCC 25259	CP000116
<i>Thiomicrospira crunogena</i> XCL-2	CP000109
<i>Thiomicrospira denitrificans</i> ATCC 33889	CP000153
<i>Treponema denticola</i> ATCC 35405	AE017226
<i>Treponema pallidum</i>	AE000520
<i>Trichodesmium erythraeum</i> IMS101	CP000393
<i>Tropheryma whippelii</i> TW08 27	BX072543
<i>Tropheryma whippelii</i> Twist	AE014184
<i>Verminephrobacter eiseniae</i> EF01-2	CP000542, CP000543
<i>Vibrio cholerae</i>	AE003852, AE003853
<i>Vibrio fischeri</i> ES114	CP000020, CP000021, CP000022
<i>Vibrio parahaemolyticus</i>	BA000031, BA000032
<i>Vibrio vulnificus</i> CMCP6	AE016795, AE016796
<i>Vibrio vulnificus</i> YJ016	AP005352, BA000037, BA000038
<i>Wigglesworthia brevialpis</i>	AB063523, BA000021
<i>Wolbachia endosymbiont of</i> Brugia malayi TRS	AE017321
<i>Wolbachia endosymbiont of</i> Drosophila melanogaster	AE017196
<i>Wolinella succinogenes</i>	BX571656
<i>Xanthomonas campestris</i>	AE008922
<i>Xanthomonas campestris</i> 8004	CP000050
<i>Xanthomonas campestris vesicatoria</i> 85-10	AM039948, AM039949, AM039950, AM039951, AM039952
<i>Xanthomonas citri</i>	AE008923, AE008924, AE008925
<i>Xanthomonas oryzae</i> KACC10331	

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Genome	Genbank Accession
<i>Xanthomonas oryzae</i> MAFF 311018	AP008229
<i>Xylella fastidiosa</i>	AE003849, AE003850, AE003851
<i>Xylella fastidiosa</i> Temecula1	AE009442, AE009443
<i>Yersinia enterocolitica</i> 8081	
<i>Yersinia pestis</i> Antiqua	CP000308, CP000309, CP000310, CP000311
<i>Yersinia pestis</i> CO92	AL109969, AL117189, AL117211, AL590842
<i>Yersinia pestis</i> KIM	AE009952, AF074611
<i>Yersinia pestis</i> Nepal516	CP000305, CP000306, CP000307
<i>Yersinia pestis</i> biovar Mediaevails	AE017042, AE017043, AE017044, AE017045, AE017046
<i>Yersinia pseudotuberculosis</i> IP32953	BX936398, BX936399, BX936400
<i>Zymomonas mobilis</i> ZM4	AE008692
Negative genome examples (17)	
<i>Anaplasma marginale</i> St Maries	CP000030
<i>Anaplasma phagocytophilum</i> HZ	CP000235
<i>Aster yellows witches-broom phytoplasma</i> AYWB	CP000061, CP000062, CP000063, CP000064, CP000065
<i>Mesoplasma florum</i> L1	AE017263
<i>Mycoplasma capricolum</i> ATCC 27343	CP000123
<i>Mycoplasma gallisepticum</i>	AE015450
<i>Mycoplasma hyopneumoniae</i> 232	AE017332
<i>Mycoplasma hyopneumoniae</i> 7448	AE017244
<i>Mycoplasma hyopneumoniae</i> J	AE017243
<i>Mycoplasma mobile</i> 163K	AE017308
<i>Mycoplasma mycoides</i>	BX293980
<i>Mycoplasma penetrans</i>	BA000026
<i>Mycoplasma pneumoniae</i>	U00089

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Genome	Genbank Accession
<i>Mycoplasma pulmonis</i>	AL445566
<i>Mycoplasma synoviae</i> 53	AE017245
<i>Onion yellows phytoplasma</i>	AP006628
<i>Ureaplasma urealyticum</i>	AF222894

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