

Additional Data File 3. 32 groups of genomes with ANI >= 94% within each group.

Bacillus anthracis str. Ames
Bacillus anthracis str. Sterne
Bacillus cereus ATCC10987
Bacillus cereus ZK
Bacillus thuringiensis konkukian
Bacillus anthracis Ames 0581

Bacillus licheniformis DSM 13
Bacillus licheniformis ATCC 14580

Bordetella bronchiseptica RB50
Bordetella pertussis Tohama I
Bordetella parapertussis 12822

Brucella abortus 9-941
Brucella melitensis 16M
Brucella melitensis biovar Abortus 2308
Brucella suis 1330

Burkholderia mallei ATCC 23344
Burkholderia pseudomallei 1710b
Burkholderia pseudomallei K96243

Campylobacter jejuni RM1221
Campylobacter jejuni subsp. jejuni NCTC 11168

Chlamydia trachomatis A HAR-13
Chlamydia trachomatis D/UW-3/CX

Chlamydomydia pneumoniae AR39
Chlamydomydia pneumoniae CWL029
Chlamydomydia pneumoniae J138
Chlamydomydia pneumoniae TW 183

Corynebacterium glutamicum ATCC 13032 Kitasato
Corynebacterium glutamicum ATCC 13032 Bielefeld

Ehrlichia ruminantium Gardel
Ehrlichia ruminantium str Welgevonden (South Africa)
Ehrlichia ruminantium str. Welgevonden (France)

Escherichia coli CFT073
Escherichia coli K12
Escherichia coli O157H7
Escherichia coli O157H7 EDL933
Escherichia coli UTI89
Escherichia coli W3110
Shigella boydii Sb227
Shigella dysenteriae Sd197
Shigella flexneri 2a
Shigella flexneri 2a 2457T
Shigella sonnei Ss046

Francisella tularensis tularensis
Francisella tularensis holarctica SCHU S4

Haemophilus influenzae 86 028NP
Haemophilus influenzae Rd KW20

Legionella pneumophila Paris
Legionella pneumophila Lens
Legionella pneumophila Philadelphia 1

Leptospira interrogans serovar Lai
Leptospira interrogans serovar Copenhageni

Mycobacterium bovis AF2122/97
Mycobacterium tuberculosis CDC1551
Mycobacterium tuberculosis H37Rv

Mycoplasma hyopneumoniae 232
Mycoplasma hyopneumoniae 7448
Mycoplasma hyopneumoniae J

Neisseria meningitidis MC58
Neisseria gonorrhoeae FA 1090
Neisseria meningitidis Z2491

Rickettsia typhi Wilmington
Rickettsia prowazekii Madrid E

Salmonella enterica Choleraesuis
Salmonella enterica Paratyphi ATCC 9150
Salmonella typhi CT18
Salmonella typhi Ty2
Salmonella typhimurium LT2

Staphylococcus aureus aureus MRSA252
Staphylococcus aureus Mu50
Staphylococcus aureus N315
Staphylococcus aureus NCTC 8325
Staphylococcus aureus aureus MSSA476
Staphylococcus aureus COL
Staphylococcus aureus MW2
Staphylococcus aureus USA300
Staphylococcus aureus RF122

Staphylococcus epidermidis ATCC 12228
Staphylococcus epidermidis RP62A

Streptococcus agalactiae 2603
Streptococcus agalactiae NEM316
Streptococcus agalactiae A909

Streptococcus pyogenes M1 GAS
Streptococcus pyogenes MGAS10394
Streptococcus pyogenes MGAS315
Streptococcus pyogenes MGAS5005
Streptococcus pyogenes MGAS8232
Streptococcus pyogenes SSI-1
Streptococcus pyogenes MGAS10270
Streptococcus pyogenes MGAS10750
Streptococcus pyogenes MGAS2096
Streptococcus pyogenes MGAS6180
Streptococcus pyogenes MGAS9429

Streptococcus thermophilus LMG 18311
Streptococcus thermophilus CNRZ1066

Synechococcus elongatus PCC 7942
Synechococcus elongatus PCC 6301

Tropheryma whipplei Twist
Tropheryma whipplei TW08 27

Vibrio vulnificus YJ016
Vibrio vulnificus CMCP6

Xanthomonas campestris ATCC 33913
Xanthomonas campestris 8004

Xanthomonas citri 306
Xanthomonas campestris vesicatoria 85-10

Xylella fastidiosa Temecula1
Xylella fastidiosa 9a5c

Yersinia pestis biovar Mediaevails
Yersinia pestis CO92
Yersinia pestis KIM
Yersinia pseudotuberculosis IP32953