

Table S1. NCBI Taxonomy and RefSeq identifiers for the 16 genomes described in the Results section. All 16 genomes and corresponding sequencing reads were obtained from The Institute for Genomic Research or the J. Craig Venter Institute. All sequencing data is also available from the NCBI Trace Archive. Three finished genomes have not been released as of publication and are marked with 'NA' in the RefSeq column. Multiple RefSeq IDs are listed for genomes with multiple chromosomes and/or plasmids.

Genome	Taxonomy ID	RefSeq ID
<i>Bacillus anthracis</i> Ames Ancestor	261594	NC_007530 NC_007323 NC_007322
<i>Brucella suis</i> 1330	204722	NC_004310 NC_004311
<i>Campylobacter jejuni</i> RM1221	195099	NC_003912
<i>Chlamydomphila caviae</i> GPIC	227941	NC_003361 NC_004720
<i>Coxiella burnetii</i> RSA 493	227377	NC_002971 NC_004704
<i>Dehalococcoides ethenogenes</i> 195	243164	NC_002936
<i>Fibrobacter succinogenes</i> S85	59374	NA
<i>Listeria monocytogenes</i> 4b F2365	265669	NC_002973
<i>Mycoplasma capricolum</i> ATCC 27343	340047	NC_007633
<i>Neorickettsia sennetsu</i> Miyayama	222891	NC_007798
<i>Prevotella intermedia</i> 17	246198	NA
<i>Pseudomonas syringae</i> pv. tomato str. DC3000	223283	NC_004578 NC_004632 NC_004633
<i>Staphylococcus aureus</i> subsp. aureus COL	93062	NC_002951 NC_006629
<i>Streptococcus agalactiae</i> 2603V/R	208435	NC_004116
<i>Wolbachia pipientis</i> wMel	163164	NC_002978
<i>Xanthomonas oryzae</i> pv. <i>oryzae</i> PX099A	360094	NA