

TABLE S1. List of bacterial genomes analyzed for kmer homopolymers

<i>Salmonella enterica</i> subspecies I serovar strain	NCBI reference	Other genera	NCBI reference
<i>Salmonella enterica</i> subspecies I serovar Agona	NC_011149.1	<i>Bacillus anthracis</i> Ames ancestor	NC_007530.2
<i>Salmonella enterica</i> subspecies I serovar Braenderup	CP022490.1	<i>Bacillus anthracis</i> CDC684	NC_012581.1
<i>Salmonella enterica</i> subspecies I serovar Enteritidis ATCC BAA-708	CP025554.1	<i>Bacillus anthracis</i> Sterne	NC_005945.1
<i>Salmonella enterica</i> subspecies I serovar Enteritidis CDC_2010K_0968	CP007528.1	<i>Bacillus cereus</i> ATCC14579	NC_004722.1
<i>Salmonella enterica</i> subspecies I serovar Enteritidis CFSAN018747	CP028196.1	<i>Bacillus cereus</i> B4264	NC_011725.1
<i>Salmonella enterica</i> subspecies I serovar Enteritidis CFSAN033543	CP020825.1	<i>Bacillus cereus</i> G9842	NC_011772.1
<i>Salmonella enterica</i> subspecies I serovar Enteritidis CFSAN051873	CP022003.1	<i>Enterococcus faecalis</i> D32	NC_018221.1
<i>Salmonella enterica</i> subspecies I serovar Enteritidis CFSAN076214	CP033340.1	<i>Enterococcus faecalis</i> TY1	CP031027.1
<i>Salmonella enterica</i> subspecies I serovar Enteritidis EC20090641	CP007249.2	<i>Enterococcus faecalis</i> V583	NC_004668.1
<i>Salmonella enterica</i> subspecies I serovar Enteritidis FORC_052	CP016754.1	<i>Escherichia coli</i> CFSAN029787	CP011416.1
<i>Salmonella enterica</i> subspecies I serovar Enteritidis OLF-SE1-1019-1	CP009083.1	<i>Escherichia coli</i> Combat2C1	CP019243.1
<i>Salmonella enterica</i> subspecies I serovar Enteritidis P125109	NC_011294.1	<i>Escherichia coli</i> IAI39	NC_011750.1
<i>Salmonella enterica</i> subspecies I serovar Enteritidis strDurban	CP007507.1	<i>Escherichia coli</i> JJ2434	CP013835.1
<i>Salmonella enterica</i> subspecies I serovar Enteritidis strRM2968	CP028151.1	<i>Escherichia coli</i> K-12	NC_000913.3
<i>Salmonella enterica</i> subspecies I serovar Gallinarum 9184	CP019035.1	<i>Escherichia coli</i> NCTC11151	LR134031.1
<i>Salmonella enterica</i> subspecies I serovar Heidelberg	NC_021812.2	<i>Escherichia coli</i> Nissle 1917	CP007799.1
<i>Salmonella enterica</i> subspecies I serovar Infantis	CP019202.1	<i>Escherichia coli</i> O104:H4	NC_018658.1
<i>Salmonella enterica</i> subspecies I serovar Javiana	NC_020307.1	<i>Escherichia coli</i> O157:H7	NC_002695.2
<i>Salmonella enterica</i> subspecies I serovar Mbandaka	CP033343.1	<i>Escherichia coli</i> O83:H1	NC_017634.1
<i>Salmonella enterica</i> subspecies I serovar Montevideo	CP029336.1	<i>Escherichia coli</i> UK_Dog_Liverpool	CP031653.1
<i>Salmonella enterica</i> subspecies I serovar Newport	NC_011080.1	<i>Escherichia coli</i> UMN026	NC_011751.1
<i>Salmonella enterica</i> subspecies I serovar Oranienburg	CP019197.1	<i>Proteus mirabilis</i> AR379	CP029133.1
<i>Salmonella enterica</i> subspecies I serovar Saintpaul	CP019206	<i>Proteus mirabilis</i> HI4320	NC_010554.1
<i>Salmonella enterica</i> subspecies I serovar Schwarzengrund	NC_011094.1	<i>Proteus mirabilis</i> VAC	CP042907.1
<i>Salmonella enterica</i> subspecies I serovar Thompson	NC_022525.1	<i>Shigella sonnei</i> 53G	NC_016822.1
<i>Salmonella enterica</i> subspecies I serovar Typhi 129-0238-M	LT904888.1	<i>Shigella sonnei</i> ATCC29930	CP026802.1
<i>Salmonella enterica</i> subspecies I serovar Typhi 311189_282186	CP029920.1	<i>Shigella sonnei</i> Ss046	NC_007384.1
<i>Salmonella enterica</i> subspecies I serovar Typhi 343077_214162	CP029862.1	<i>Staphylococcus aureus</i> Bmb9393	NC_021670.1
<i>Salmonella enterica</i> subspecies I serovar Typhi B/SF/13/03/195	CP012151.1	<i>Staphylococcus aureus</i> NCTC 8325	NC_007795.1
<i>Salmonella enterica</i> subspecies I serovar Typhi CT18	NC_003198.1	<i>Staphylococcus aureus</i> TW20	NC_017331
<i>Salmonella enterica</i> subspecies I serovar Typhi ERL024120	LT905088.1	<i>Streptococcus pyogenes</i> M1GAS	NC_002737.2
<i>Salmonella enterica</i> subspecies I serovar Typhi P-stx-12	NC_016832.1	<i>Streptococcus pyogenes</i> MGAS10270	NC_008024.1
<i>Salmonella enterica</i> subspecies I serovar Typhi SGB92	LT904877.1	<i>Streptococcus pyogenes</i> MGAS6180	NC_007296.2
<i>Salmonella enterica</i> subspecies I serovar Typhi Ty21a	NC_021176.1	<i>Vibrio vulnificus</i> CECT4999 cl	CP014636.1
<i>Salmonella enterica</i> subspecies I serovar Typhi ty3-243	LT905090.1	<i>Vibrio vulnificus</i> CECT4999 cII	CP014637.1
<i>Salmonella enterica</i> subspecies I serovar Typhi TY585	LT904852.1	<i>Vibrio vulnificus</i> Env1 cl	CP017635.1
<i>Salmonella enterica</i> subspecies I serovar Typhi WGS1146	CP040575.1	<i>Vibrio vulnificus</i> Env1 cII	CP017636.1
<i>Salmonella enterica</i> subspecies I serovar Typhimurium D23580	NC_016854.1	<i>Vibrio vulnificus</i> YJ016 cl	NC_005139.1
<i>Salmonella enterica</i> subspecies I serovar Typhimurium DT104	NC_022569.1	<i>Vibrio vulnificus</i> YJ016 cII	NC_005140.1
<i>Salmonella enterica</i> subspecies I serovar Typhimurium DT2	NC_022544.1	<i>Yersinia pseudotuberculosis</i> IP31758	NC_009708.1
<i>Salmonella enterica</i> subspecies I serovar Typhimurium LT2	NC_003197.2	<i>Yersinia pseudotuberculosis</i> IP32953	NC_006155.1
<i>Salmonella enterica</i> subspecies I serovar Typhimurium SL1344	NC_016810.1	<i>Yersinia pseudotuberculosis</i> NCTC3571	LR134306.1
<i>Salmonella enterica</i> subspecies I serovar Typhimurium str798	NC_017046.1		
<i>Salmonella enterica</i> subspecies I serovar Typhimurium strST4/74	NC_016857.1		
<i>Salmonella enterica</i> subspecies I serovar Typhimurium strT000240	NC_016860.1		
<i>Salmonella enterica</i> subspecies I serovar Typhimurium strU288	NC_021151.1		
<i>Salmonella enterica</i> subspecies I serovar Typhimurium UK-1	NC_016863.1		
<i>Salmonella enterica</i> subspecies I serovar Typhimurium var5-	NC_021814.1		
<i>Salmonella enterica</i> subspecies I serovar Typhimurium YU15	CP014358.1		