

TABLE S1. List of bacterial genomes analyzed for kmer homopolymers

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