

Table 3. Frequency of single nucleotide polymorphisms (SNPs) between *Brucella suis* and *Brucella melitensis* and comparative SNP data between strains of sequenced bacterial species

B. suis vs. *B. melitensis*

	A	C	G	T
A		192	1327	130
C	265		253	1555
G	1499	240		257
T	113	1267	203	

7,301 mutations over 3,238,849 bp

S. pneumoniae TIGR4 vs. R6

	A	C	G	T
A		305	1552	158
C	327		115	1658
G	1625	112		311
T	174	1625	341	

8,303 mutations over 1,859,345 bp

N. meningitidis MC58 vs. Z2491

	A	C	G	T
A		250	1689	109
C	272		226	1646
G	1685	187		293
T	85	1699	317	

8,458 mutations over 1,080,323 bp

E. coli K12 vs. O157:H7

	A	C	G	T
A		1318	6701	1248
C	1463		854	6730
G	6919	903		1384
T	1316	6520	1320	

36,676 mutations over 3,864,033 bp

C. pneumoniae AR39 vs J138

	A	C	G	T
A		24	27	20
C	7		6	15
G	2	10		16
T	19	28	27	

201 mutations over 1,222,654 bp

H. pylori 26695 vs J99

	A	C	G	T
A		430	3666	199
C	367		268	3073
G	3144	267		395
T	209	3603	425	

16,046 mutations over 956,529 bp