

<b>Species</b>	<b>dN/dS</b>	<b>Reference</b>
<i>Buchnera aphidicola</i>	0.125	[1]
<i>Burkholderia dolosa</i>	1	[2]
<i>Helicobacter pylori</i>	0.14	[3]
<i>Mycoplasma gallisepticum</i>	0.2	[4]
<i>Pseudomonas aeruginosa</i> DK1	0.56	[5]
<i>Pseudomonas aeruginosa</i> DK2	0.66	[6]
<i>Pseudomonas aeruginosa</i> DK2	0.79	[7]
<i>Salmonella enterica</i> Agona	0.67	[8]
<i>Salmonella enterica</i> Paratyphi A	0.8	[9]
<i>Salmonella enterica</i> Typhimurium	0.52	[10]
<i>Staphylococcus aureus</i> (ST225)	0.77	[11]
<i>Streptococcus equi</i>	0.6	[12]

**Supplementary Table 3.** dN/dS values for 8 species of bacteria