

Table 1. Doubling time estimates (hours) for those species for which we have both an estimate of the accumulation and mutation rate. Accumulation rate (AR) references—(1) [5]; (2) [6,7]; (3) [8–12]; (4) [13–23]; (5) [8,24]. Mutation rate (MR) references—(6) [25]; (7) [26]; (8) [27]; (9) [28]; (10) [29].

species	accumulation rate per site per year	mutation rate per site per generation	DT (h) (s.e.)	laboratory DT (h)	ratio	AR ref.	MR ref.
<i>Escherichia coli</i>	1.44×10^{-7}	2.54×10^{-10}	15 (7.7)	0.33	45	1	6
<i>Pseudomonas aeruginosa</i>	3.03×10^{-7}	7.92×10^{-11}	2.3 (0.77)	0.5	4.6	2	7
<i>Salmonella enterica</i>	2.50×10^{-7}	7.00×10^{-10}	25 (7.9)	0.5	50	3	8
<i>Staphylococcus aureus</i>	2.05×10^{-6}	4.38×10^{-10}	1.87 (0.98)	0.4	4.7	4	9
<i>Vibrio cholerae</i>	8.30×10^{-7}	1.07×10^{-10}	1.1 (0.26)	0.66	1.7	5	10