Table 3
TonB-trp region deletion rate

ruv genotype	Total number of cultures	ColB^r-rate ($\times 10^8$)	Number of cultures w/o a trp mutant	Average number of cells in colony	Deletion rate per cell per generation[a]
ruv$^+$	66	3.03 ± 0.40	47	3.30×10^9	1.03×10^{-10}
ruvAB	58	4.43 ± 1.62	6	2.26×10^9	1.00×10^{-9}
recG	34	4.07 ± 1.02	10	2.46×10^9	4.97×10^{-10}
ruvC	100	1.80 ± 0.51	57	5.56×10^9	1.01×10^{-10}

[a] The fraction of cultures having no *trp*$^-$ mutants among 100 ColB^r colonies was used to calculate the *tonB-trp* region deletion rate by the method of the mean [36]. The mean number of viable cells producing at least one *tonB-trp* region deletion mutant per tube, mN, can be given by the equation $P(0) = e^{-mN}$, where $P(0)$ is the fraction of dishes containing no *tonB-trp* mutants, m is the mutation frequency per replication, and N is the mean final cell count per culture.