

Description	Rate	Parameter	Literature	Estimates
Lumped effective transcription and translation rate of CsrA dimers	β_A	β_A	-	58.52
Transcription rate of the effective sRNA	α_S	α_S	-	57.5
Degradation rate of short mRNA	$\delta_{M_s} M_s$	δ_{M_s}	0.04	-
Degradation rate of long mRNA	$\delta_M M$	δ_M	0.04	-
Degradation rate of CsrA dimers	$\delta_A A$	δ_A	0.00007	-
Degradation rate of effective sRNA	$\delta_S S$	δ_S	0.023	-
Coupled degradation rate of long mRNA with CsrA dimers	$k_M M A$	k_M	-	0.5
Coupled degradation rate of effective sRNA with CsrA dimers	$k_S A S$	k_S	-	0.5
Probability of CsrA dimers surviving degradation of sRNA-CsrA complexes	$1 - p_M$	-	0	-
Probability of CsrA dimers surviving degradation of mRNA-CsrA complexes	$1 - p_S$	-	0	-