

Supplementary Materials: Insights into the Stress Response Triggered by Kasugamycin Treatment in *E. coli*

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Table S1. Bacterial strains and plasmids used in this study.

Strains and Plasmids	Relevant Features	Source or Reference
<i>E. coli</i> strains		
MG1655	F ⁻ , lambda ⁻ , <i>rph</i> -1	[1]
MG1655Δ <i>mazF</i>	MG1655, <i>mazF</i> ⁻	this study
BW25113Δ <i>mazF</i>	BW25113, <i>mazF</i> ⁻	[2]
Plasmids		
pRB391-1	pRB381 derivative harboring the first 63 codons of the λcl mRNA fused to the 8th codon of the lacZ gene	[3]
pIM17	pRB381 derivative harboring nucleotides -23→+69 of the <i>ompA</i> gene fused to the 8th codon of the lacZ gene	this study

Table S2. Oligonucleotides used in this study.

Name	Binding Region	Sequence
Oligonucleotides used for primer extension analysis		
U49	<i>rplL</i> from nt +67→+85	CTTCCATTGCAGAGATCAG
K48	<i>clpP</i> from nt +63→+80	CCGCGTGAGGTCTGTCA
D17	<i>cspA</i> from nt +54→+80	GAGCCATCGTCAGGAGTGATGAAGCCG
L44	<i>eno</i> from nt +41→+56	GGGTTACCACGGGAG
Probes used for northern blot analyses		
V7	<i>rrsB</i> from nt 1541–1511	AAGGAGGTGATCCAACCGCAGGTTCCCCTACGGTTACC
R25	<i>rrfB</i> from nt 120–101	ATGCCTGGCAGTTCCTACT

References

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3. Moll, I.; Huber, M.; Grill, S.; Sairafi, P.; Mueller, F.; Brimacombe, R.; Londei, P.; Blasi, U. Evidence against an interaction between the mRNA downstream box and 16S rRNA in translation initiation. *J. Bacteriol.* **2001**, *183*, 3499–3505.