

Supplementary material

Manuscript:

ppGpp, the general stress response alarmone, is required for the expression of the α -hemolysin toxin in the uropathogenic *Escherichia coli* isolate, J96.

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Table S1: Primers used in this study

Figure S1: Transcriptional expression of *hlyA* in strains AAG1 (Wt), JFV14 (*rfaH*), JFV23 (ppGpp⁰) and JFV15 (*rfaH*ppGpp⁰) carrying pMGP-1 by qPCR.

Table S1. Primers used in this work.

	Sequence
zurP1	CCATGTGCTTCAATAACATTATGCCGCAGGGCAAAACCCATTGT GTAGGCTGGAGCTTCG
zurP2	GAAAAGACCACAACGCAGGAGTTATTAGCGCAGGCTGAAACATA TGAATATCCTCCTTA
HlyA up	GATTTCCGGGATGTGGCC
HlyA Taqman probe	TCAGGCAGAAAGGT
HlyA down	CCTTCAGCTTTATACATGATGAGGTC
HlyD up	ACATTCCATTAAGCTCGGGTATG
HlyD Taqman probe	CTGTCACTGCAGAAAT
HlyD down	ACGCTTCGCATTCCAGTCTT

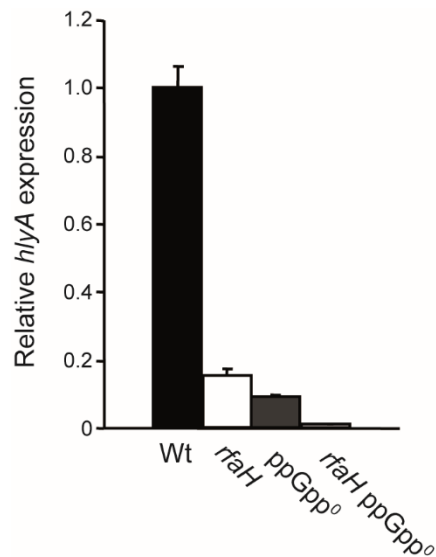


Figure S1: Transcriptional expression of *hlyA* in strains AAG1 (Wt), JFV14 (*rfaH*), JFV23 (*ppGpp*⁰) and JFV15 (*rfaHppGpp*⁰) carrying pMGP-1 by qPCR. RNA samples from cultures grown in LB at 37°C up to an OD_{600nm} of 0.8. The results are the arithmetic mean and the standard deviation from three biological repeats.