Table S1. Strains and plasmids used in this study.

Strain or Plasmid	Genotype	Source or Reference
Strains		
S. Typhimurium SL1344	Wild-type strain	ATCC (W Köster, U of S)
S. Enteritidis ATCC 4931	Wild-type strain	ATCC (D Korber, U of S)
S. Enteritidis 301 (Sal18)	Wild-type strain	W Köster [1]
S. Typhi E02-2759	Wild-type strain	G. Dougan [2]
S. Typhi E03-9804	Wild-type strain	G. Dougan [2]
S. Typhi ISP03-07467	Wild-type strain	G. Dougan [2]
S. Typhi ISP04-06979	Wild-type strain	G. Dougan [2]
S. Typhi 8(04)N	Wild-type strain	G. Dougan [2]
S. Typhi CT18	Wild-type strain	G. Dougan [3]
S. Enteritidis D7795	Wild-type strain	G. Dougan [4]
-47 T>C	P*csgD* from 14028	This study
-47 T>T	Native P*csgD*[a]	This study
S. Typhimurium D23580	Wild-type strain	G. Dougan [5]
-80 A>C	P*csgD* SNP from 14028	This study
-80 A>C, -189 A>G	P*csgD* SNPs from 14028	This study
S. Typhimurium 14028	Wild-type strain	ATCC
-47 C>T	P*csgD* from D7795	This study
-47 C>C	Native P*csgD*[a]	This study
$bcsG_{(D23580)}$	*bcsG* from D23580	This study
$bcsG_{(14028)}$	Native *bcsG*[a]	This study
$csgD_{(CT18)}$	*csgD* from CT18	This study
$csgD_{(14028)}$	Native *csgD*[a]	This study
Plasmids		
pCS26, pU220	Bacterial luciferase	[6]
pCS26-csgB	*csgBAC* promoter	[7]
pU220-csgD	*csgDEFG* promoter	[7]
pCS26-sig38H4	Synthetic, RpoS-responsive promoter	[7]
pCS26-adrA	*adrA* promoter	[7]
pCS26-cpxR	*cpxR* promoter	This study
pFLAG-CTC		Sigma-Aldrich
p3xFLAG	Modified to have 3xFLAG at C-terminus	This study
p3xFLAG/*csgD*^CT18	*csgD* from *S.* Typhi CT18	This study
p3xFLAG/*csgD*^14028	*csgD* from *S.* Typhimurium 14028	This study

[a] These strains were selected at the end of the genome engineering procedure, and possessed promoter sequences or alleles that were the same as the parent strain

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