Additional file 2: Primers used in this study

Primer	Sequence
Cloning of *bcsZ* into pBAD30	
BcsZclon_N	ACAGCGCTCAAGGAGGGTAACATATGATGACTATGCTGCGCGGATGG
BcsZclon_C	CAGACGCATGCTTAATGGTGGTGATGATGGTGATGGTGACGTGAACTTACGCATTCCTGGCCCCGTCAG
Site-directed mutagenesis $BcsZ_{E56A}$	
BcsZNE56A	CAGGGACGCGTTATCGATCCGGGCGATGCGCGAAAAATTACCACCTCCGCAGGG
BcsZCE56A	CTGTCGCTGCACGGCCTGGGCGTCGCGATTTTGCAGGAAAGGCAGTAAGGC
bcsZ flanking primers	
BcsZup	TGCTGGCGGTACTGGCGGCCCTCAGTGTGG
BcsZdown	GTCGCTGCGCCGGCAAGCGGTGTTAGCG
Construction of Δ*bcsZ::tetRA*	
BcsZ-TetRA	CAGGGACGCGTTATCGATCCGGGCGATGCGCAAAAATTACCACCTCCTTAAGACCCACTTTCACATTTAAG
BcsZC-TetRA	CTGTCGCTGCACGGCCTGGGCGCGATTTTGCAGGAAAGGCAGTA

	ACTAAGCACTTGTCTCCTGTTTACTC
Construction of Δ*bcsZ::Cm*	
BcsZ-CmDel-Start	ATGACTATGCTGCGCGGATGGATAACGATGCTCGTCATGCGTGTAGGCTGGAGCTGCTTC
BcsZ-CmDel-Stop	TTAACGTGAACTTACGCATTCCTGGCCCCAGTCAGGTAATCATATGAATATCCTCCTTAG
Control primers Δ*bcsZ::Cm*	
Cm inside	CTCCAGAGCGATGAAAACGT
BcsZcontrol Rev	CGGCAAAAAAGCGTGCATGAGAC
Control primers *bcsC*::MudJ	
bcsC_200upstream	CCGGTCGGGTTTTCCGCCGCCTTACTGCCT
mudJ-5primerc	TTATCGTGAAACGCTTTCGCGTTTTTCGTG
Construction of *bcsC*-3XFLAG	
BcsC3XFLAG forw	GATTTACCGCCGCAGCCTCTGGTGCCTTACGCTGACTGGgactacaaagaccatgacgg
BcsC3XFLAG Rev	GCCTACGACGCCTGTCAATTCGTAGGCCTGACGCAATGAatatgaatatcctccttag

Control primers *bcsC*-3XFLAG	
bcsCintfw	CAGCGTACGGAAAACTGGTC
Km inside rv	GTTTCGCTTGGTGGTCGAAT