

1 **Table S1.** Oligonucleotides used in this study

Name	Sequence (5' - 3')	target	Reference
S2Aup	ATGAAGTGTATATTATTTA	<i>stx</i> _{2A} fragment	(1)
S2Alp	TTCTTCATGCTTAACTCCT		
UP 378	GCGTTTTGACCATCTTCGT	378 bp fragment <i>stx</i> _{2-A}	(2)
LP 378	ACAGGAGCAGTTTCAGACAG		
Stx2Bup	ATGAAGAAGATGTTTATG	<i>stx</i> _{2B} fragment	This study
Stx2Blp	TCAGTCATTATTA ^{AA} CTG		
Tc-5	TCAGCCCCATACGATATAA	gene <i>tet</i>	(3)
Tc-3	TGGAGTGGTGAATCCGTTA		
Tc-int	TGTCGGAATGGACGATAT	binding 5' of <i>tet</i> cassette	(3)
Cm-3	CATATGAATATCCTCCTTA	gene <i>cat</i>	(3)
Cm-5	TGTGTAGGCTGGAGCTGCTTC		
pGEM7up	TGTAATACGACTCACTAT	confirmation of pGEM construct	Promega
BaeSup	ATGAAGTTCTGGCGACCCGGTA	<i>baeS</i>	Modified from (4)
BaeSint	CGTGCCATCGACAAGTCGTT	<i>baeS</i>	This study
BaeRlp	CTAAACGATGCGGCAGGCGT	<i>baeR</i>	Modified from (4)
Tc-5BaeS	<u>TTATATCGTATGGGGCTGACTGAAA</u> GACAAAGCGATCA	Δ <i>baeSR</i> mutant construction. Overlapping Tc-5	Modified from (4)
Tc-3BaeR	<u>TAACGGATTCACCACTCCAGCGTA</u> GTAACCGACCGCA	Δ <i>baeSR</i> mutant construction overlapping Tc-3	Modified from (4)
STX-Any f	ACGGACAGCAGTTATACCACTCT	Real-Time qPCR for <i>stx</i> ₂	(5)
STX-Any r	ACGTTCCGGAATGCAAATCAG		
STX-Any probe	FAM- CCAGCGCTGCGACACG-NFQ		
BamA-up	CGTGATGGTGATACCCTTCTG	RT-qPCR assay for <i>bamA</i>	(6)
BamA-lp	GAGAAAGTAATGCTGGCAATG		
Ecoli-F	CATGCCGCGTGTATGAAGAA	RT-qPCR assay for 16SrDNA of	(7)
Ecoli-R	CGGGTAACGTCATAGAGCAAA	<i>E. coli</i>	

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6 **Supplemental references**

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