

Table S1. PCR primer sets

PCR product	name	sequence
PcrV	PcrV5- <i>SphI</i>	5'- <u>G CAT GCG</u> AAA ATG GAA GTC AGA AA-3'
	PcrV3- <i>HindIII</i>	5'- <u>A AGC TTG</u> cta GAT CGC GCT GAG AA-3'
OprF _{#190-#342}	OprF5-190- <i>SphI</i> -TG	5'- <u>G CAT GCG</u> AAG GCT CCG GCT CCG GAA CC-3'
	OprF3-342- <i>HindIII</i>	5'- <u>AAG CTT</u> tta TTC AAC GCG ACG GTT GAT AG-3'
ToxA _{#406-#613(E553Δ)}	tox103_CT5- <i>SphI</i> _TG	5'- <u>G CAT GCG</u> AAA GAC GTC AGC TTC AGC ACC-3'
	toxCT_3- <i>HindIII</i>	5'- <u>AAG CTT</u> tta CTT CAG GTC CTC GCG-3'
	toxA_D553	5'- C GAG AAT GGT [ΔCTC] CAG GCG CCC GCC-3'
POmT		
PcrV domain	PcrV5- <i>SphI</i>	5'- <u>G CAT GCG</u> AAA ATG GAA GTC AGA AA-3'
	PcrV3 (no stop codon)	5'-GAT CGC GCT GAG AAT GTC GCG-3'
	PcrV3-GGGGS	5'- <u>GGA TCC GCC ACC GCC</u> GAT CGC GCT GAG AAT GTC GCG-3'
OprF _{#190-#342} domain	OprF190-5	5'-GCT CCG GCT CCG GAA CCG-3'
	OprF342-3	5'-C TTC AAC GCG ACG GTT GAT AGC GC-3'
	OprF190-342-GGGGS-5	5'- <u>GGC GGT GGC GGA TCC</u> GCT CCG GCT CCG GAA CCG-3'
	OprF190-342-GSGGSG-3	5'- <u>ACC GGA ACC CCC TGA ACC</u> TTC AAC GCG ACG GTT GAT AGC GC-3'
ToxA _{#406-#613(E553Δ)} domain	tox103_CT5	5'-GAC GTC AGC TTC AGC ACC CGC G-3'
	tox103_CT5- GSGGSG	5'- <u>GGT TCA GGG GGT TCC GGT</u> GAC GTC AGC TTC AGC ACC CGC G-3'
	toxCT_3- <i>HindIII</i>	5'- <u>AAG CTT</u> tta CTT CAG GTC CTC GCG-3'

PcrV, full-length PcrV; OprF, the outer membrane domain (#190–342) of OprF; mTOX, a non-catalytic mutated domain (#406–613, E553Δ) of exotoxin A; POmT, a conjugate of PcrV, and parts of OprF and mutated exotoxin A.