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Table 48-1: A list of Phages that carry toxin genes (adapted from reference [11](#))

Bacteria	Phage	Gene	Gene Product/Phenotype
Escherichia coli O157:H7	933,H-19B ΦFC3208 λ λ	<i>stx</i> <i>hly2</i> <i>lom</i> <i>bor</i>	Shiga toxins Enterohemolysin Serum resistance Host cell envelope protein
Shigella flexneri	Sfi6 sfII,sfV,sfX	<i>oac</i> <i>gtrII</i>	O-antigen acetylase Glucosyl transferase
Salmonella enterica	SopEΦ Gifsy-2 Gifsy-2 Gifsy-1 ε ³⁴	<i>sopE</i> <i>sodC-1</i> <i>nanH</i> <i>gipA</i> <i>rfb</i>	Type III effector Superoxide dismutase Neuraminidase Insertion element Glucosylation
Vibrio cholera	CTXΦ K139 VPIΦ	<i>ctxAB</i> <i>glo</i> <i>tcp</i>	Cholera toxin G-protein like TCP pilin
Pseudomonas aeruginosa	ΦCTX	<i>ctx</i>	Cytotoxin
Clostridium botulinum	C1	<i>C1</i>	Neurotoxin
Staphylococcus aureus	NA Φ13 TSST-1	<i>see,sel</i> <i>entA,sak</i> <i>tst</i>	Enterotoxin EnterotoxinA,staphylokinase Toxic shock syndrom-1
Streptococcus pyogenes	T12	<i>speA</i>	Erythrogenic toxin
Corynebacterium diphtheriae	β-phage	<i>tox</i>	Diphtheria toxin

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