

Genome-wide discovery of toxins associated with the extracellular contractile injection system

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Primer Table

Primers name	sequence	Description
EAT14_I P161	gttttttgggctagcaggaggATGCACACTAACAAGACG GG	Part 1_C298A_fwd_REPEATED
EAT14_I P162	attccaaccgcCTAAAGTGTCTTCACAACAACG	Part 1_C298A_rev
EAT14_I P163	agacactttagGCGGTTGGAATATCCGGTGC	Part 2_C298A_fwd
EAT14_I P164	actctagaggatccccgggtacCTAAAGTGTCTTCACAAC AACGCAAAAG	Part 2_C298A_rev_REPEATED
EAT14_I P165	GAACTGGAGCGTG GGGCG	verify mutant EAT14 C298A
EAT14_I P166	tgattagccgcCGCCCACCACATTCCTGAGT	Part 1_H410A_rev
EAT14_I P167	tggtgtgggGCGGCTAATCATGCGCACGA	Part 2_H410A_fwd
EAT14_I P168	GACTCAGGAATGTGGTGGGCG	verify mutant EAT14 H410A
EAT14_I P169	tagccgaacgcCGCAAAATTAATGTAGTCCGATC	Part 1_D397A_rev
EAT14_I P170	ttaatttgcgGCGTTCGGCTATTATGATGTTG	Part 2_D397A_fwd
EAT14_I P171	CGGACTACATTAATTTTGCG	verify mutant EAT14 D397A
EAT15_I P172	gttttttgggctagcaggaggATGAAGAACAAAACTATG AGTATGACGTG	Part 1_E83A_fwd
EAT15_I P173	gagaccgtgcTGCGTGATTCGTCCACAGTTTC	Part 1_E83A_rev
EAT15_I P174	cgaatcacgcaGCACGGTCTCCATGCAAGC	Part 2_E83A_fwd
EAT15_I P175	actctagaggatccccgggtacCTATGACAATTTATGTTT ACAATAATCTATAAGCGCGATTCTCC	Part 2_E83A_rev
EAT15_I P176	CAGAACTGTGGACGAATCACGCA	verify mutant EAT15 E83A
EAT16_I P177	gttttttgggctagcaggaggATGACCCAGGGGTTTCCG AC	Part 1- D42A_fwd_REPEAT
EAT16_I P178	tcgatcccaaGGCATGCTCTTGATGATTACGC	Part 1- D42A_rev
EAT16_I P179	aagagcatgccTTTGGGATCGATGCCCAAGTAG	Part 2- D42A_fwd
EAT16_I P180	actctagaggatccccgggtacTTATGCATCGTCCGTCG GAAG	Part 2- D42A_rev_REPEAT
EAT16_I P181	tctactgggcGGCGATCCCAAAATCATGCTC	Part 1- D46A_rev

EAT16_I P182	ttgggatcgccGCCCAAGTAGACGTTATCCTG	Part 2- D46A_fwd
EAT16_I P183	gaagaaccgtaGGCTATCTGCAGCGCCAGCA	Part 1- K68A_rev
EAT16_I P184	tcgagatagccTACGGTTCTTCATTCTTCACCG	Part 2- K68A_fwd