

Table 1: pGaTB and pGaTN Primers

Primer	Sequence	Vector	Conc. (μ M)	Successful?
pGaTN/B - 61 Reverse	5'-GAT TAA GTT GGG TAA CGC CAG GGT-3'	Both	2.2	Yes
pGaTN/B - 5701 Forward	5'-CTT GGC CAT GTA ACC TCT GAT CT-3'	Both	2.7	Yes
pGaTN/B - 2701 Forward	5'-GGC TTT ACA CTT TAT GCT TCC GGC-3'	Both	3.4	Yes
pGaTN/B - 3001 Reverse	5'-GTT CTT CAG ACA CTT GGC GCA CTT-3'	Both	3.2	Yes

Table 2: pUAST and pWIZ Primers

Primer	Sequence	Vector	Conc. (μ M)	Successful?
519Forward Region 3	5'-TCC GTA GAC GAA GCG CCT CTA TTT-3'	Both	3.1	Yes
pWIZ pUAST Top Reverse (780)	5'-CCA AGG CTC TGC TCC CAC AAT TT-3'	Both	2.9	Yes
pUAST4531forward	5'-AGC GCT GAC TTT GAG TGG AAT GTC-3'	Both	3.5	Yes
pUASTpWIZ 4982F	5'-CCT CTA CAA ATG TGG TAT GGC TG-3'	Both	2.1	Yes
pUAST5418forward	5'-ATT CCA CCA CTG CTC CCA TTC ATC-3'	Both	3.5	Yes
pUASTpWIZ 5419R	5'-TGA TGA ATG GGA GCA GTG GTG GAA-3'	Both	2.3	Yes
pUAST6974reverse	5'-AAA CCT CTG ACA CAT GCA GCT C-3'	Both	3.4	Yes
8738forward	5'-TTA TAG TCC TGT CGG GTT TCG CCA-3'	Both	3.1	Yes
pUASTpWIZ 4508F	5'-TGT GAA CAG AGA AGG AGG CAA ACA-3'	Both	2.2	Yes
pUAST780reverse	5'-GAC CTG TTC GGA GTG ATT AGC GTT-3'	Both	3.1	No
pWIZ pUAST Mid Reverse (5590)	5'-GGA ACC TTA CTT CTG TGG TGT GAC-3'	Both	3.5	No
pWIZ pUAST Top Forward 8738	5'-TTG CTG CAA AGC TGT GAC TGG AG-3'	Both	3.2	No
pUAST6384reverse	5'-CGG ATA TAT GTC GGC TAC TCC TTG-3'	pUAST	2.6	Yes
pUAST8908forward	5'-TGC TGA TTA ACC AAT GGG CGG A-3'	pUAST	2.9	No
pWIZ Gap R (5400)	5'-CTT CGT CTA CGG AGC GAC ATT TCA-3'	pWIZ	3.5	Yes
pWIZ Gap F (4500)	5'-CCT CTA CAA ATG TGG TAT GGC TG-3'	pWIZ	2.9	No
pWIZ - 4735	5'-AGG CCT TCT AGT GGA TCC AGA CAT-3'	pWIZ	3.6	No
pWIZ 5463	5'-CCG CAG ATC TGT TAA CGA ATT CCC-3'	pWIZ	1.8	No
pWIZ 6296R	5'-GGG CAA TAA ACA GTA AAC ACG ATG-3'	pWIZ	2.2	No
pWIZ intron	5'-CAG TCG GCT GAT CTG TGT GAA ATC-3'	pWIZ	2.1	No