

**Table S7.** PCR primers used to generate constructs for transfection experiments.

Primers for generating Gateway fragments	Primer sequence
B1F	ggggACAAGTTTGTACAAAAAGCAGGCTAGGCCTAGGGCCCATATGAATCTTCCAATCTTTCCC
B2R	ggggACCACTTTGTACAAAGAAAGCTGGGTTAATAAAAAATCTACAGGTATATATTC
B4F	ggggACAACCTTTGTATAGAAAAGTTGcaaaatattgaattgaagccttatg
B1R	ggggACTGCTTTTTTGTACAAACTTGGGCCCTAGGCCThaatatgaactatgcataccatcatg
M13R.F3F	ggGAAGTTCCTATTCTcAaAtAGTATAGGAACTTC-AGGAAACAGCTATGAC
PbDT3U.F3R	ggGAAGTTCCTATTCTcAaAtAGTATAGGAACTTC-CCTGAAGAAGAAAAGTCCC
Primers for site-directed mutagenesis	Primer sequence
P1.F	GTATAATACATATGAGGCATGG
P1.R	GCAITTTTACATTCATTTAATAAC
P2.F	GTGTAATACATATGAGGCATGG
P2.R	GCAITTTTACATTCATTTAATAAC
Primers for EBL sequencing	Primer sequence
P3	CGATAGTGAAAATGCCAATAAATTGGG
P4	GATATGATTAATAGTTTGGAG
P5	GAAGAACTTGTAGAGATAAAGC
P6	CAACAGGAGGTATAATATTG
P7	AACCGATGATAATGCTAAAAGG
P8	TTTGTTTAAAGAAGATGACGATG
P9	TCAACCTCAACCTCAATTTCCAATTC
P10	TGAATCTTCCAATCTTTCCC
P11	CCATGTCTCFCGTTTTCAATG
P12	CCAAATGCATAGAGTTTTATATTTTATTA
P13	TACAATTAATGCTACACA
P14	CCGATGGACGCAGAAATGAATATG
P15	CGTTGGCTAGCATTTATATATTTT
P16	CATTATCACAATCCAAGCATG
P17	GTTGAAGTTGGATTGAFAGTTACAG
P18	CTTCATATGCTTCTTAAATTCGATC
P19	CAATATGTTTCATGATTTTCCACCAAG