

**Table S1 Cloning primers**

Primer	Sequence
gt1-U	5'- GCGCATGTGAAGTTCCTATACTTTCTAGAGAATAGGAACTTCTGCTGGTACTGGTGGTGGTG -3'
gt1-L	5'- GCGCATGTGAAGTTCCTATTCTCTAGAAAAGTATAGGAACTTCGAATGGGCAGTTGTAAAAAGAG -3'
gt2-U	5'- GGGACATGTGAAGTTCCTATACTTTCTAGAGAATAGGAACTTCTCGCATCCTTTTCTTATTTTCG -3'
gt2-L	5'- GGGACATGTGAAGTTCCTATTCTCTAGAAAAGTATAGGAACTTCTACCTGTTCCATTATCCTCTG -3'
gt3-U	5'- GCCACATGTGAAGTTCCTATACTTTCTAGAGAATAGGAACTTCAGCGAAAAAGACTAACCAGGA -3'
gt3-L	5'- GCCACATGTGAAGTTCCTATTCTCTAGAAAAGTATAGGAACTTCGCAGTGTAGCCGTAGGAGCA -3'
gt4-U	5'- GCCACATGTGAAGTTCCTATACTTTCTAGAGAATAGGAACTTCCATTGTTTTGATGAACTGTCA -3'
gt4-L	5'- GCCACATGTGAAGTTCCTATTCTCTAGAAAAGTATAGGAACTTCATGCCCCGATGCTGTCT -3'
gt5-U	5'- CGCACATGTGAAGTTCCTATACTTTCTAGAGAATAGGAACTTCGCACGCAGTTTTGTAGGTGG -3'
gt5-L	5'- CGCACATGTGAAGTTCCTATTCTCTAGAAAAGTATATAGGAACTTCGCGGTCTCAGTTCTCAGTC -3'