

**Table S2.** The primers used in the study.

Primer	Sequence (5'→3')	Reference
5162-up-F	ATAAGCTTGATATCGAATTCCTCCTCT CGGAAAAAGTCCC	This study
5162-up-R	ATACTAGTGGATCCCCCGGGATGACG GTAAGGCTTACAGT	This study
5162-dn-F	CCGCCACCGCGGTGGAGCTCTGATCTT TTGTTTGGGCCTTGA	This study
5162-dn-R	TTTGCTGGCCTTTTGCTCACATGTCACT TGTATCGGCATCCACC	This study
5162-T-F	ACTGTAAGCCTTACCGTCAT	This study
5162-T-R	TAGAGGCGACGGGATCCAGA	This study
pBA-5162-F	ACTCTAGAGGATCCCCCGGGATGGCG AATCGCTATTCTACC	This study
pBA-5162-R	GCTTGATATCGAATTCCTCACATGTTC GCTAGTTCA	This study
5162:cp-T-F	AGAAGTATGCAAAGCATGCG	This study
5162:cp-T-R	AACGTCATGCATTGCAGATG	This study