

Positional cloning and functional verification of the epidermal protein gene *KWMTBOMO04384* in silkworm, *Bombyx mori*

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Table S1 Primers used in gene cloning, functional verification and expression analysis

Genes	Prime name	Primer sequences (5'→3')
KWMTBOMO04384	Cloning PCR	F1: CTCCCACATCGTCAAGTCTG R1: CTAGTAAGAGCAGTGCTTCG F2: GGGTTAGAGAAGACACAGTC R2: CAGAGGCTGCTGTAAAGAAG
KWMTBOMO04384-sgRNA1	PCR	F: AATATCGTGCTCTACAAGTGAGGAGGGCCTGCATGTTGT GTTTTAGAGCTAGAAATAGC R: AAGGACCACTACCGAACCACACTTGTAGAGCACGATATT
KWMTBOMO04384-sgRNA2	PCR	F: GTGGTTCGGTAGTGGTCCTTGTTTTAGAGCTAGAAATAGC R: TATAGATATCAAGCTGCTAGAAAAAAGCACCGACTCGG
KWMTBOMO4384-knockout detection	PCR	F1: CTCCCACATCGTCAAGTCTG R1: CGAAGCACTGCTCTTACTAG F2: GGGTTAGAGAAGACACAGTC R2: CTTCTTTACAGCAGCCTCTG
KWMTBOMO4384	qRT-PCR	F: GTGGTCAAATCCAGCTACGAC R: CTTCCAGTTCAACTACGAGAC
A3	qRT-PCR	F: GGATGTCCACGTCGCACTT R: GCGCGGCTACTCGTTCCT