

Supplemental Table S1. Primers used in this study.

Primers	Forward (5'-3')	Reverse (5'-3')	Purpose
LYH-52	TCTTCTCACTATTCGCTTCG	TCGTCATCGCTTGAGGTT	Mapping
LYH-54	GTTGTACGGCACGCTGAT	TTTATTTACAGGGTGAGATGG	Mapping
LYH-71	TTTGGCTAGGTTTGACGG	AATGGGCCTTTGATTGG	Mapping
LYH-73	TTTGGCTAGGTTTGACGG	AATGGGCCTTTGATTGG	Mapping
LYH-84	GAAGAAGTAGATAGGAGGAGGA	AGATCAAGATCAGCCCAAG	Mapping
LYH-91	CGAAATCACATCTCAATCC	TCTTGCGTTTCTGGCTAT	Mapping
39430HB-Pro	aaaGAATTCTGGTGGCCATTGTAGGAGTAGGTCT	aaaGGTACCCTTACCTATAGCCTCACACCAGG	Complementation test
39430HB-CDS	aaaGGTACCATGGTGGGAGGAGAGCTTGTGCT	aaaGGATCCTCAGGATTCAGAGCAAAGTGGCTCG	Complementation test
RNAi1	aaaGGATCCGGTGAGACGCTGAGGTT	aaaACTAGTCCTGAGCCTCTTGTTGGT	RNAi analysis
OX1	aaaGGATCCATGGTGGGAGGAGAGCTTGTGCT	aaaGGTACCTCAGGATTCAGAGCAAAGTGGCTCG	Overexpression analysis
Real_GNS4	TTGCTTTGCTGCTGACC	TCCTGAGCCTCTTGTTGGT	qRT-PCR
Real_Actin	GATGACCCAGATCATGTTTG	GGGCGATGTAGGAAAGC	qRT-PCR