

**Table S5.** Primers for qRT-PCR and ChIP-PCR Assays**Primers for qRT-PCR:**

Gene ID	Symbol	Primer Sequences
FBgn0039112	CG10219	Forward: 5' -GCTGCCTTCATAGCTCCATC-3' Reverse: 5' -GGACGTTTCCAACGACAGAT-3'
FBgn0035611	CG13285	Forward: 5' -TTATCAGGGTCAGCGGAATC-3' Reverse: 5' -AGCCACGATAGGAACTCGAA-3'
FBgn0040559	CG14359	Forward: 5' -CATTGCGCTCCTTGTAGGAT-3' Reverse: 5' -TTGGACACGGTCCAGTTGTA-3'
FBgn0030341	CG1967	Forward: 5' -CCCCGAAATGTTGTCAATCT-3' Reverse: 5' -TTACCGGGAGGGGTCTTAAC-3'
FBgn0030148	CG3106	Forward: 5' -ATCTTGTGCTTGGGTGGAAC-3' Reverse: 5' -CCAAGTGGGAATTCGAGTGT-3'
FBgn0033005	CG3107	Forward: 5' -TTGATTCCCAGCATGTTGAA-3' Reverse: 5' -TCGCCATCATGATTCCATAA-3'
FBgn0039453	CG6403	Forward: 5' -AAGGTGATAGCCGACGAATG-3' Reverse: 5' -ACCTTGGTGTGCGAGTTTCAC-3'
FBgn0038922	CG6439	Forward: 5' -ATCAATCCCGTGCTTAGTGC-3' Reverse: 5' -AAAACGCCCTTAATGCACAC-3'
FBgn0037873	CG6666	Forward: 5' -GTCCCACGACATTAGCCACT-3' Reverse: 5' -AATACCATTGGCGGTGTGAT-3'
FBgn0037955	CG6950	Forward: 5' -AAGCTCTGAGCCAGACAAGC-3' Reverse: 5' -AAAGTCCTCCCCCAGATGTT-3'
FBgn0037230	CG9780	Forward: 5' -AACTGGCCCAAATGTACTCG-3' Reverse: 5' -GTCCAATCGCTCATCTCCAT-3'
FBgn0001105	Gbeta13F	Forward: 5' -TCACATTTTTCCCGAATGGT-3' Reverse: 5' -GTTGTCGTGCGAATACATGG-3'
FBgn0001248	Idh	Forward: 5' -AAGCGCGTAGAGGAGTTCAA-3' Reverse: 5' -AAGACGGTTCCTCCCAAGAT-3'
FBgn0029869	l(1)G0030	Forward: 5' -AATGTGGGAGCCTATGTTTCG-3' Reverse: 5' -GCTTGC GGAAGTTCTTTACG-3'
FBgn0031024	l(1)G0156	Forward: 5' -CAAGGAGGGCAAATACCTCA-3' Reverse: 5' -TGCTACAGCTTATGCGGATG-3'
FBgn0029889	l(1)G0255	Forward: 5' -CTGATCGTGTCCAATGTGCT-3' Reverse: 5' -TGGATGCCATTACACAGTT-3'
FBgn0033327	PGRP-SC1b	Forward: 5' -GGGCAACTACCTCAGCTACG-3' Reverse: 5' -GGTAGTTCTGGACGCTCTGC-3'
FBgn0014028	SdhB	Forward: 5' -TCGACATCAACACCTCCAAG-3' Reverse: 5' -TGTTGCGGTACTGCTCGTAG-3'

**Primers for ChIP-PCR:**

Genomic Location of Amplicon	Adjacent Gene	Primer Sequences
2R: 6722799..6723495	CG12344	Forward: 5' -CGGATGAAAGCCATTTGTTT-3' Reverse: 5' -AAACACATTTCCAGCGAACC-3'
3R: 6941829..6942330	CG6629	Forward: 5' -GCGCCTTTTTGTTAGCTTTG-3' Reverse: 5' -ATTTTCCTTTTGCCAGCTT-3'
X: 6244048..6244656	l(1)G0030	Forward: 5' -ACGGCTGTCACAACCACATA-3' Reverse: 5' -AGGAAAGCGATTGCGATAAA-3'
2R: 2695083..2695595	SdhB	Forward: 5' -TGCGCGCATGGTATATTTTA-3' Reverse: 5' -TCTGCAAGTTCGGAGAATCA-3'