

Suppression of Gene Juvenile Hormone Diol Kinase Delays Pupation in *Heortia vitessoides* Moore

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Supplementary Materials

Table S1. PCR primers used in this study.

Primers	Primer sequence (5'–3')
For real-time PCR	
HvJHDK-F	AGACACCCTCAACGCAC
HvJHDK-R	ATCTTCTGGAAAGCCGC
HvJHEH-F	GAGAGACAAAGTTGACGAG
HvJHEH-R	CCGAGGAGTGAGAAGAAG
HvJHE-F	CCGGTTTCTCCGACTTCTTCA
HvJHE-R	AGCTTAGCGTTCGCCTCCAT
HvJHAMT-F	AACAAGAACCACAGGGAC
HvJHAMT-R	CGTAGAAGGAGAAAGCGT
HvKr-h1-F	GGTAAACTCCATCGCCA
HvKr-h1-R	AGCACCGCTCTCCGTAA
HvMET-F	ACTTCTGTTCCTCACTTGG
HvMET-R	TATTGACTCCTCCGCTGC
HvADH-F	CCACATCCAGTATCCCTTG
HvADH-R	TTTTGGTGCTCCTTCTTTC
HvATGL-F	AAGGGCAGGATCATTGGGT
HvATGL-R	CAGCATTTTCAGGCTTGGGA
HvTGL-F	ACCGTTTGTTTCGTGTCG
HvTGL-R	CGGAGGTAATAAGTGGCTC
HvLIP1-F	CCTCGTTGACCTGGAAGAA
HvLIP1-R	CCATTGACGGCAGTGTTG
For ORF	
JHDK-F	ACGTCTTTACGGTGTTT
JHDK-R	CATTAGCCATCTTCTGG
JHEH-F	GACAGACTACGCACTCG
JHEH-R	CATTCTTCCTACGCCAC
JHE-F	TACTGGACGCCAGCAAAG
JHE-R	CAAACGAGATCCCAAATGC
For dsRNA	
dsJHDK-F	TAATACGACTCACTATAGGACACCCTCAACGCACTCTG
dsJHDK-R	TAATACGACTCACTATAGGCCATCTTCTGGAAAGCCGC
dsGFP-F	TAATACGACTCACTATAGGGCAGTTCTTGTTGAATTAGATG
dsGFP-R	TAATACGACTCACTATAGGGTTTGGTTTGTCTCCCATGATG

F: forward primer; R: reverse primer.

Table S2. GenBank accession number in this study.

Gene	Genbank number
HvJHDK	MK561746
HvJHEH	MK598043
HvJHE	MK598044
HvJHAMT	MK598045
Hvkr-h1	MK598046
HvMET	MK598047
HvADH	MK598048
HvATGL	MK598049
HvTGL	MK598050
HvLIP1	MH246982
α -tubulin	MG132200