Supplementary Table S1. Primers of RT-PCR designed for validation experiment of DEGs.

ID	Primer (5′-3′)	Gene Function
Fc011350	F: AAGTTTGAGGCGGTGGTTCTTCC R: CACAAGGAGGCGTGGGACAATC	ecdysteroid regulated
Fc021284	F: CATCAGAATCGTCCTGGGCAACC R: TCTCCGTGGTGGGATCGTTAGC	Legumain
Fc026977	F: CACCATAGCCACGAACTGTCCATC R: AGCGATCAACACAATCACCACCAG	Lysosome-associated membrane glycoprotein 1
Fc008809	F: CCACACCTGAACACAGTCTCCAATC R: GACCCAGTCAGCCAGTCCAGTAG	baculoviral IAP repeat-containing
Fc020229	F: CATAGGCTTGGCTGATGCTGAGATC R: AGTGCTTGTCCGTACTCGTCCTC	N-acetylated-alpha-linked acidic dipeptidase
Fc010755	F: AAGTGCTGCTGTGATGTCGTCTG R: GGTCGCTTGCCTCTGGTCTAAAG	high-affinity choline transporter 1
Fc007027	F: TCTTGTACTTGTGGCATGTGGTCTG R: ACCTTTCTCCCGACTTCGTTGTTG	Wnt 4
Fc019299	F: GCCGCCTTCTTCGTGGAATCTG R: CGAGGAGGTGGTTGTTGGAATTGG	tachykinin-like peptides receptor 86C
Fc005820	F: ACGGCGATTGTGTAGAAGGAAGATG CGATCAGGCTCATTGGCAGTGG	reelin 3
Fc012767	F: GCTGGGCTTCGGGTATCATTGTG R: GCTAAGGCGATGACGATCCAAGAC	facilitated trehalose transporter
Fc026446	F: GCCAACCTCCTTGACATCCTGAATC R: GTGTACTCGGCTGTGATGGCTAAC	neuroligin 2.
Fc015896	F: GGCATACACAAACCCACCCTCTTC R: ACCACCAGGACCATCAGAACAGAG	insulin receptor-related
Fc012259	F: TTAACCTTCAAAGTGCCCTCAACCC R: CAACAATGCCTAACGCCTTCAATCC	serpin 1
Fc005350	F: GACTACAACGGCGTCTACATCAGC R: CATCAAATGGCAGCACAATGGAAGG	UDP-glucosyltransferase
Fc008378	F: TACTTGTCCCTGGTGGCCCTTC R: AGTGGTTCGGTTGCTGCTGTTG	crustacyanin-C1
Fc001201	F: CATCAGAATCGTCCTGGGCAACC R: TCTCCGTGGTGGGATCGTTAGC	legumain
Fc002855	F: TCCAGTCAGTGTGTGCGTTGATG R: ACAGCGTGGTTGATGCCTTGAG	cathepsin L
Fc016036	F: ACACGACGAAGATGATAGCAAGCC R: GCACCAACTGTACCGACGACTG	multidrug resistance-associated protein
Fc004370	F: TGGCTACTCTGTCTTCCTCCCTTC R: TGGTGTATCCTGCGTTGCTGTTG	macrophage mannose receptor 1.
18S rRNA	F: GGGGAGGTAGTGACGAAAAAT R: TATACGCTAGTGGAGCTGGAA	