

Supplementary Table 1. Primer sequences.

Gene	Forward Primer (5'-3')	Reverse Primer (5'-3)	Product Size (bp)
RNA pol II	AGGGCGGCGAGGACATGGAT	CGACGGCTGGTAGTGACCGC	95
Dilp2	CGACAGCGATCTGGACGCC	AGGGCACTTCGCAGCGGTTT	93
Dilp3	GGCCGCAAAGTCCCGAAAC	ACGGGGTCCAAAGTTCTTGGT	80
Dilp5	AGCAGCAGTTCAGCAAGGCA	GTTTGC GGCTGGGCGGATA	93
UCP5	CCAACGAACGCGGCTTGCTG	GAAGAGATCGCTCCCGCCGC	91
UCP4b	TCTTAGCCGGCGCAACTGCC	AGACGCCGCTGTCCCTCCAT	88
UCP4c	GCCGGCTTCTCGGCAATGGT	GGGCGCCGGAAAACGTCGTA	80
HSP70	ACCAAGGGGTGTGCCCCAGA	CTTGGCTTGCCCGTGCTCA	97
HSP22	TTGGCGGATGGCCGAGGAGA	AGCGCCACACTCCAAACGGG	93