

**Table S1.** The primer sequences and conditions used for PCR.

Gene	Primer sequence (5' - 3')		Annealing temperature for PCR
	Forward	Reverse	
<i>PmHsp70-1</i>	ATGAAGATGCCAGCAATTGGAA	TTAATCAACTTCGCTAACGT	53°C
<i>PmHsp70-2</i>	ATGATGGTATCTTTCGAACAA	TCACAGTATACGATTCTTCAT	53°C
<i>PmHsp70-3</i>	ATGGCAAAAAGCTCCAGCAA	TTAATCGACTTCTTCGATGG	55°C
<i>PmHsp70-4</i>	ATGGCAAAAAGTCCAGCAATCGG	TCAACTTCTCCTGGATTTTGTCTG	55°C
<i>PmHsp70-5</i>	ATGTCAGATATATCCCTCAAT	CTATTGGCGTTTCATTCTGTTT	53°C
<i>PmHsp70-6</i>	ATGGCCGAAGCTCCTGCGATT	TTACTTCTTTCTTCTACCTACGA	55°C
<i>PmHsp70-7</i>	ATGGCTGAAGGTCCAGCCATT	TTACAGACGTTTTACTTGTTTACC	55°C
<i>PmHsp70-8</i>	ATGTTGAGATCGTTTAAGTTC	TTACAATTCGTCTCTTTCATC	53°C
<i>PmHsp70-9</i>	ATGAAGATCCCAGCAATTGGA	TTAATCAACTTCACTAACATTA	53°C
<i>PmHsp70-10</i>	ATGGCAAAAAGCTCCAGCAATC	TTAATCGACTTCCTCGATAG	58°C
<i>PmHsp70-11</i>	ATGGTTGTGAAACGTCCAGCA	TTAATCGACTTCTTCGATGGTTGGT	58°C
<i>PmHsp70-12</i>	ATGTTGATGATCAAGAAATCA	TTAGTTCTGTTTCTCTTCTTT	58°C

**Table S2.** The primer sequences used for qRT-PCR.

Gene	Primer sequence (5' - 3')	
	Forward	Reverse
PmHsp70-1	GGCCGGCGATACTCATCTG	CGTCTCATGGCTCGTTGGT
PmHsp70-2	ACAACGTTCCCTCCACATCGA	CTGGAAAACGCCGACACAACA
PmHsp70-3	ACGCCGCCAAAAATCAAGTCG	TCGGCCTGAACAGTTGCATCA
PmHsp70-4	CATTTGGGTGGCGAGGATTTT	TCGCAAGGCAATTTTCAAACGAT
PmHsp70-5	AGATGCTGCTGCTATTGCTCA	ACGTTTGCTGGTGCTTTTCTT
PmHsp70-6	GGCGGCTCGACTCGTATCC	CGACGCATCACCGCTCAAT
PmHsp70-7	AAAGCTGTTATCACCGTGCCA	TCCAGTTTCGCAATGGCAGCT
PmHsp70-8	CTCCCTCGTACGTAGCATTCA	GTGTTGAACGGTTGGATCGCT
PmHsp70-9	GGCCAAGAACCAGGTAGCATT	GATGACGGTGAACGGCCAATG
PmHsp70-10	TGCCATCGCCTACGGGTTAGA	TGGTCAAGATGGAAACGTCGA
PmHsp70-11	GGAGTCTGGCAGCAAGGAAAA	TCGGTGTCTAGTAAACGCAACA
PmHsp70-12	ATTGTTGCGGAAAACCTGGTGC	TGCTCCTTTAACGCTTTCGGA
Pmβ-actin	CATCCTGCGTTTGGATTAG	TCCAAAGCAACATAGCACAAT