

Table S2 Primers used for molecular cloning

Gene family	Primer name	Primer sequence (5'-3')
<b>sHSP</b>	HSP23 F	ACCCCTCGAGCACCATGGCAAATATTCCATTGTTGT
	HSP23 R	ACCCACGCGTAAATAATGCAGGGCATCTCT
	HSP26 F	ACCGCTCGAGGACCATGTCGCTATCTACTCTGCTTTC
	HSP26 R	ACCCACGCGTGGCTCCTTTACTTGTCTTG
	HSP27 F	ACCAGCTCGAGACCATGTCAATTATAACCACTGCTGCAC
	HSP27 R	ACCCACGCGTTTTCTCGTCTTCTTCATCTCCTAGTC
	L(2)EFL F	ACAACTCGAGAACCATGTCCGTAGTGCCACTGAT
	L(2)EFL R	ACCCACGCGTACTAACAACACTGAAGGCGGTACA
	HSP67Ba F	ACCACTCGAGGACCATGTCGCTGATACCGTTCATAC
	HSP67Ba R	ACCCACGCGTTCACCTTGGCCAGTTCCTCGGTTT
	HSP67Bc F	ACCCCTCGAGCACCATGCCAGATATTCCCTTTGT
	HSP67Bc R	ACCTACGCGTTCACCTTGGCTTCTGGCTCTG
	CG4461 F	ACGCCTCGAGAGAAATGTCTCTGGTGCCTACC
	CG4461 R	ACCGACGCGTGACACATGGTCCACTATTTCC
	CG7409 F	ACAACTCGAGAACCATGGCTCTTGTCCCGGCTAC
	CG7409 R	ACCCACGCGTCTGTGATTAGTTCTTGATGC
	CG13133 F	AAACCTCGAGAACCATGCCCATCCACTGGGACTG
	CG13133 R	AACCACGCGTTCATTTGTCCATCGCCGTGCCAGCAG
	CG14207 F	AACCCTCGAGAACCATGGCCGAGGCTAACAAGAGG
	CG14207 R	ACCCACGCGTACTGGATAGCTGGACAACCTGGA
	<b>HSP40</b>	MRJ F
MRJ R		ACAAACGCGTGCTATTGAAGGGAGCCCATC
<b>HSP70</b>	DmHSP70Aa	GCGCGATATCACCATGCCTGCTATTGGAATCGATC
	DmHSP70Aa	GCAGCTCGAGTTAGACTCTTTGGCCTTAGTCG
	HSC70-2	ACCAGATATCACCATGGGTAAAATTCCGGCCATCGGCATCG
	HSC70-2	ACCAGCGGCCGCGGTCCGTGGATCGTACTATC
	HSC70-4	ACAAGCGGCCGCAAGATGTCTAAAGCTCCTGCTGTT
HSC70-4	ACAAACGCGTATGGTTTAGTCGACCTCCTC	
<b>Modifications</b>		
	<b>L4440-Xcml</b>	
	Xcml-F stuf	TCGACCATGGTTTTGTTGGCCATGTTATCCATGG
	Xcml-R stuf	GATCCCATGGATAACATGGCCAACAAAACCATGG
<b>pAc5.1-V5</b>	V5 stuffer F	AGTACTACCATGGGTAAGCCTATCCCTAACCCTCTCCTCGGT CTCGATTCTACGGAT
	V5 stuffer R	ATCCGTAGAATCGAGACCGAGGAGAGGGTTAGGGATAGGCT TACCCATGGTAGTACTGTAC