

Table B.2: *Hsp90* sequences used in phylogenetic analyses. *Hsp90* sequences are principally from Chen et al. (2006; 2005) and MacRae (2010) as noted, with some additions.

Species	Common name	^a Stress/ ^b diapause response	^c Accession no.	Reference
<i>Apis mellifera Hsp90A1</i>	Honey bee		NP_001153536.1	Chen et al., 2006
<i>Apis mellifera Hsp90A2</i>	Honey bee		XP_395168.3	Chen et al., 2006
<i>Apis mellifera Hsp90B1</i>	Honey bee		XP_395614.3	Chen et al., 2006
<i>Apis mellifera TRAP1</i>	Honey bee		XP_623366.1	Chen et al., 2006
<i>Arabidopsis thaliana Hsp90A1</i>	Thale cress		NP_200076.1	Chen et al., 2006
<i>Arabidopsis thaliana Hsp90A2</i>	Thale cress		NP_200414.1	Chen et al., 2006
<i>Arabidopsis thaliana Hsp90B1</i>	Thale cress		NP_194150.1	Chen et al., 2006
<i>Arabidopsis thaliana Hsp90C1</i>	Thale cress		NP_178487.1	Chen et al., 2006
<i>Caenorhabditis elegans Hsp90A1</i>	Nematode		NP_506626.1	Chen et al., 2006
<i>Caenorhabditis elegans Hsp90B1</i>	Nematode		NP_502080.1	Chen et al., 2006
<i>Caenorhabditis elegans TRAP1</i>	Nematode		NP_741219.2	Chen et al., 2006
<i>Calanus finmarchicus Hsp90 (EST)</i>	Marine copepod	^a Inducible	<i>ES414827.1</i>	
<i>Caligus rogercresseyi (EST)</i>	Copepod sea louse		<i>FK890997.1</i>	
<i>Desulfovibrio desulfuricans Hsp90</i>	Bacteria		YP_387643.1	
<i>Daphnia magna Hsp90</i>	Water flea		ABI35831.1	
<i>Drosophila melanogaster Hsp90A1</i>	Fruit fly		NP_523899.1	Chen et al., 2006
<i>Drosophila melanogaster Hsp90B1</i>	Fruit fly		NP_651601.1	Chen et al., 2006
<i>Drosophila melanogaster TRAP1</i>	Fruit fly		NP_477439.2	Chen et al., 2006
<i>Desulfovibrio vulgaris Hsp90</i>	Bacteria		YP_011855	
<i>Escherichia coli HTPG1</i>	Bacteria		NP_415006.1	Chen et al., 2006
<i>Homo sapiens Hsp90AA1</i>	Human		NP_005339.2	Chen et al., 2005
<i>Homo sapiens Hsp90AA2</i>	Human		AAA36024.1	Chen et al., 2005
<i>Homo sapiens Hsp90AB1</i>	Human		NP_031381.2	Chen et al., 2005
<i>Homo sapiens Hsp90B1</i>	Human		NP_003290.1	Chen et al., 2005
<i>Homo sapiens TRAP1</i>	Human		NP_057376.1	Chen et al., 2005
<i>Lepeophtheirus salmonis (EST)</i>	Copepod sea louse		FK920985.1	
<i>Metapenaeus ensis Hsp90</i>	Sand shrimp		ABR66910.1	
<i>Penaeus monodon Hsp90</i>	Giant tiger prawn		ABM54577.1	
<i>Saccharomyces cerevisiae Hsp90A1</i>	Baker's yeast		AAA02743.1	Chen et al., 2006
<i>Saccharomyces cerevisiae Hsc90A2</i>	Baker's yeast		AAA02813.1	Chen et al., 2006
<i>Streptomyces coelicolor HTPG1</i>	Bacteria		NP_631561	
<i>Tigriopus japonicus Hsp90</i>	Marine copepod	^a Inducible	ACA03524.1	
<i>Lucilia sericata Hsp90</i>	Blow fly	^b Variable	BAD12048.1	MacRae et al., 2010
<i>Chilo suppressalis Hsp90</i>	Rice stem borer	^b Up	BAE44307.1	MacRae et al., 2010
<i>Delia antiqua Hsp90</i>	Onion maggot	^b Variable	CAI64494.1	MacRae et al., 2010
<i>Drosophila triauraria Hsp90</i>	Fruit fly	^b Constant	BAC77528.1	MacRae et al., 2010
<i>Helicoverpa zea Hsp90</i>	Corn earworm	^b Down	ACV32639.1	MacRae et al., 2010

<i>Megachile rotundata</i> Hsp90	Solitary bee	^b Constant	AAS57866.1	MacRae et al., 2010
<i>Nasonia vitripennis</i> Hsp90	Parasitic wasp	^b Down	XP_001605191.1	MacRae et al., 2010
<i>Omphisia fuscidentalis</i> Hsp90	Bamboo borer	^b Down	ABP93404.1	MacRae et al., 2010
<i>Sarcophaga crassipalpis</i> Hsp90	Flesh fly	^b Down	AAF69019.1	MacRae et al., 2010

^a denotes response to stress

^b denotes response to diapause. Diapausing insect species and indicated diapause response are reviewed by MacRae (2010)

^c Accession numbers in italics are nucleotide sequences