

Appendix G Complete list of species used in the phylogenetic analysis and Accession numbers for the HSP90 protein sequences

| No. | Group | Abbreviation | Species | Accession number |
|-----|------------------|--------------|-----------------------------------|------------------|
| | Insecta | | | |
| 1 | Lepidoptera | Bombmo | <i>Bombyx mori</i> | ADG57739 |
| 2 | | Anthpe | <i>Antheraea pernyi</i> | ADD91573 |
| 3 | | Exanpr | <i>Exangerona prattiaria</i> | ADM26739 |
| 4 | | Dendsu | <i>Dendrolimus superans</i> | ABM89112 |
| 5 | | Goneam | <i>Gonepteryx amintha</i> | ADM26741 |
| 6 | | Argypa | <i>Argynnis paphia</i> | ADM26735 |
| 7 | | Plutxy | <i>Plutella xylostella</i> | BAE48742 |
| 8 | | Omphfu | <i>Omphisa fuscidentalis</i> | ABP93404 |
| 9 | | Chilsu | <i>Chilo suppressalis</i> | BAE44307 |
| 10 | | Loxost | <i>Loxostege sticticalis</i> | ABW87791 |
| 11 | | Cydipo | <i>Cydia pomonella</i> | AFA35118 |
| 12 | | Papime | <i>Papilio memnon</i> | ADM26736 |
| 13 | | Heliar | <i>Helicoverpa armigera</i> | ADP37710 |
| 14 | | Spodex | <i>Spodoptera exigua</i> | ACQ78181 |
| 15 | | Sesano | <i>Sesamia nonagrioides</i> | ABA54273 |
| 16 | | Mamebr | <i>Mamestra brassicae</i> | BAF03554 |
| 17 | | Mythse | <i>Mythimna separate</i> | ADM26740 |
| 18 | Coleoptera | Harmax | <i>Harmonia axyridis</i> | ACL50550 |
| 19 | | Tribca | <i>Tribolium castaneum</i> | NP_001094067 |
| 20 | Diptera | Lirihu | <i>Liriomyza huidobrensis</i> | AAW49252 |
| 21 | | Lirisa | <i>Liriomyza sativae</i> | AAW49253 |
| 22 | | Droswi | <i>Drosophila willistoni</i> | XP_002062325 |
| 23 | | Strasi | <i>Stratiomys singularior</i> | AER28024 |
| 24 | | Anopal | <i>Anopheles albimanus</i> | AAB05638 |
| 25 | Hymenoptera | Macrci | <i>Macrocentrus cingulum</i> | ACE77780 |
| 26 | | Micrme | <i>Microplitis mediator</i> | ABV55506 |
| 27 | | Pterpu | <i>Pteromalus puparum</i> | ACO57617 |
| 28 | | Megaro | <i>Megachile rotundata</i> | XP_003704636 |
| 29 | | Apisfl | <i>Apis florae</i> | XP_003694932 |
| 30 | | Bombim | <i>Bombus impatiens</i> | XP_003492149 |
| 31 | Orthoptera | Grylfi | <i>Gryllus firmus</i> | ADK64952 |
| 32 | | Locumi | <i>Locusta migratoria</i> | AAS45246 |
| 33 | Hemiptera | Nilalu | <i>Nilaparvata lugens</i> | ADE34169 |
| 34 | | Bemita | <i>Bemisia tabaci</i> | AAZ17403 |
| 35 | | Triava | <i>Trialeurodes vaporariorum</i> | ACH85202 |
| 36 | Thysanoptera | Franoc | <i>Frankliniella occidentalis</i> | JQ364944 |
| 37 | Mammalian | Rattus | <i>Rattus norvegicus</i> | AAT99569 |