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| **Species** | **Codes UNIPROT/GENBANK** |
| **Outgroup** |  |
| *Xenopus\_laevis* | P41485 |
| **Ingroup** |  |
| *Adamsia\_palliata* | Q8WS88 |
| *Apis\_mellifera* | P00630 |
| *Bos\_taurus* | P00593 |
| *Bothrops\_asper* | P24605 |
| *Bungarus\_fasciatus* | A6MEY4 |
| Bungarus\_fasciatus\_1 | Q90WA8 |
| *Bungarus\_multicinctus* | P00618 |
| *Bunodosoma\_caissarum* | P86780 |
| *Canis\_lupus\_familiaris* | P06596 |
| *Condylactis\_gigantea* | D2X8K2 |
| *Crotalus\_atrox* | P00624 |
| *Exaiptasia\_pallida* | XP\_020900455.1 |
| *Heloderma\_suspectum* | P16354 |
| *Hemiscorpius lepturus* | A0A1L4BJ46 |
| *Homo\_sapiens* | P04054 |
| *Homo\_sapiens\_1* | P14555 |
| *Hottentotta\_tamulus* | Q6T178 |
| *Hydra\_vulgaris* | XP\_002157393.1 |
| *Laticauda\_semifasciata* | Q8JFG2 |
| *Mus musculus* | Q9QUL3 |
| *Naja\_atra* | A4FS04 |
| *Nematostella\_vectensis* | A7S5K1  |
| *Nematostella\_vectensis\_1* | A7S6H4 |
| *Opisthacanthus cayaporum* | P86120 |
| *Rattus\_norvegicus* | P04055 |
| *Rhopilema\_nomadica* | P43318 |
| *Sus\_scrofa* | P00592 |
| *Urticina\_crassicornis* | A7LCJ2 |
| *Vipera berus\_nikolskii* | Q1RP79 |