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Camponotus floridanus NP 1 -----MLTFQFTHAITFLAAIFLI
Atta cephalotes NP 1 -----
Harpegnathos saltator NP 1 MLSVPIRDCNTWNIGDEKSSSYYSVTRPDISWAFDTSESSRSVALGCVQMLKQKVERARI
Locusta migratoria NP 1 -----MKATAALVAATLLLLAVTLF

**neuroparsin-A**

Camponotus floridanus NP 20 GKCYAHPTSR-RQEVVPALCVGCGTECDKCKFGFVISAICGIAECRRGPGDICGGPSEAW
Atta cephalotes NP 1 -----GPGHICGGPSDSW
Harpegnathos saltator NP 61 GKCYAHPMIWQRQDIRSKECTGCGNECDKCKYGVTVSALCGIEECRRGPGGEYCGGPSQSW
Locusta migratoria NP 20 HRAERNPISR-----SCEGANCVVDLTRCEYG-DVTDFGRKVCAGKGPDKCGGPELH

Camponotus floridanus NP 79 GVCGDGLICSCNRCAGCSLDSLVCFANHACLPHQSLES GSHLDLDFERFPSQFDRVAK---
Atta cephalotes NP 14 GVCGDGLICSCNRCAGCSVDNLTCTF-----
Harpegnathos saltator NP 121 GVCGEGMFCICDRCVGCSDFLTCT-KSCLPHQSLEQRGHEINDGVFINRYMENRPPD
Locusta migratoria NP 73 GKCGVGMDCRCGLCSGCSLHNLQCFEFEGGLPSSC-----

Camponotus floridanus NP -----
Atta cephalotes NP -----
Harpegnathos saltator NP 180 GRLIEGRQMDERRLRGLNMKRK
Locusta migratoria NP -----

B**eclosion hormone**

Acromyrmex echinator EH 1 -----MPSLSNRI MVLLIMVFAILCFTVSTNAERN-----IGVCIRNCAQCRKMFG
Atta cephalotes EH-like 1 -----IGVCIRNCAQCRKMFG
Drosophila melanogaster EH 1 MNCKPLIILCTFVAVAMCLVHFGNALPAISHYTHKRFD SMGGIDFVQVCLNNCVQCKTMLG

Acromyrmex echinator EH 47 VYFMGQKCADFCMKYKGLIPDCEDEYSIRPFLQVAEYDY
Atta cephalotes EH-like 17 VYFMGQKCADFCMKYKGLIPDCEDEYSIRPFLQVAEYDY
Drosophila melanogaster EH 61 DYFQQTICALSKFKGKAIPDCEDIASIA PFLNALE---