```
Lmig        AAALVAAAAL----------ALLAAAAAQDGDKGISKLKKTSSLFPHPRIGRSDYMNLGAGEVG----------EKRAAGL  61
Turt        ---MVYFISTVSLLLLVTGFSQQASTYNRASDDEVNSYEGDQQLGYTSLGTHGGIQLLAVPRNYLNPFIAKDLFKR----  73
Znev        MKQILFSCAMIHVLLLVSSCDEESDSVSTNTDAER---GSSGLIPMPRVGRSDLAWTLQRQGDTVPSSLILKDKRGSSGL  77
Tcas        MKTFLIYSAC------VVLFCIANCQGEPKEPKRNK-LASVYALTPSLRVGRRSEG----------------TDVKRRIGKM  59
Dmel        MKSMLVHIVL------VIFIIAEFSTAETDHDKNR-RGANMGLYAFPRVGRSDPSLANSLRDGLEAGVLDADFQKKASGL  73
Apis        IAAALLLTLTFFFTHALRHDSEYSDEYKRDNSRDRRESAVAGLIPFPRVGRSGINSALQMDNLYETQRELRSHKRE--GL  78
Phum        ARNPNVFICLMKMNPSVAFCLCVVAVYSADEKNNKTKRDVSGLFPFPRVGRMDSSWNSRYLGP-------REMKRQ--GL  71
Aaeg        FKTLAYVSLVFVVLSAVKFCRADASDLDSVSEGRHKRGPTVGLFAFPRVGRSDPDLLEWSDAAAVAAALPREAKRQ--GL  78
Dmel6699_1-145 MKSMLVHIVL------VIFIIAEFSTAETDHDKNR-RGANMGLYAFPRVGRSDPSLANSLRDGLEAGVLDADFQKKASGL  73
                                   10        20        30        40        50        60        70        80

Consensus
MKXMLVXIALFXVLLXVIFCIAEASTXXTDXDXNRKRGAVSGLFPFPRVGRSDPSLXLXLXXGXEAGVLDRDFKRRASGL

Lmig        FQFPRVGRA-------------LVHGPLPFLGVFSPLQLAPHQPADS---AADLGNVSEQQQQQ-----  109
Turt        VALPRIGRSDGSKGWLDDDDYYNRIIKSS------FTPRVGRSVDAVN-------GDKSMKSSKP-----  125
Znev        IPMPRVGRSDV-FWPLTDAGLEKNINGDAGKTGMWFGPRLGKRRE-GNIDIPADVRDYTPYLTREDEELP  145
Tcas        VSFPRIGRSESN-WVPDDNSYGAQRPGANSG-GMWFGPRLGRVQKRSENFTAPIIVHYSPRLGREDSNLD  127
Dmel        VAFPRVGRGDAEAHLLALQQVLDKRTGPSASSGLWFGPRLGKRSVDAKSFA----------DISKGQKELN  134
Apis        IPFPRIGRR-------------SESKTALWFGPRLGRSVVIPESYDTSYLDSDTPTIIKTDEDDS  130
Phum        IPFPRVGRN------NDVISQQKRDAMENGG-AMWFGPRLGRFNESKRLRI----------EIGKT-----  120
Aaeg        VPFPRVGRSGMNYWPKTMMPQQQKRAGNSGASGMWFGPRLGKRANAASTEITPRLNSERPQIGESRSKLE  148
Dmel6699_1-145 VAFPRVGRGDAEAHLLALQQVLDKRTGPSASSGLWFGPRLGKRSVDAKSFA----------DISK------  128
                                   90       100       110       120       130       140       150

Consensus
VPFPRVGRSDAXAWXLDDQXXXXKRXGPSGXSGMWFGPRLGXRXVAAXSFIXXDLGXYSPXIXKXDXELX
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