```
Turt          -----MILFWITIVSIIVQASHNIMRFGKREESNSAPGSSYEISESKLPSIDQSSSSLSPSSSLSSAAYGYYGQASPLTA 75
Smar          M----KLLTLYKILLVISVVI------IPSIFSHPPPQCDTD--DPLPPRLLRICNALRTISEYTELMEDYLDEEVMHTL 68
Bmor          MVFRGEHFRLALVCVVLSWCA------SAW--AAPAQLCAAAAEND--PRATRFCQALNTFIEL--YAEAAGEQVPEYQA 68
Dmel          -MSFAQFFVACCLAIVLLAVS------NTRAAVQGPPLCQSGIVEEMPPHIRKVCQALENSDQLTSALKSYINNEASALV 73
Lmig1         -----MRSCLLLAVALAVACC------GAWADAVPVARPIVCATDDVSPQIRKVCQAYEAFSELATSAKDYLD----HFA 65
Lmig2         -----MRSCLLLAVALAVACC------GAWADAVPVARPIVCATDDVSPQIRKVCQAYEAFSELATSAKDYLDH---FAG 66
Rpro          -----MILAWMCVTLLAGVLA-------------APGPDCSPSALQVQSSRVRNMC----ALYQISSALQAYLDEQNNYQT 59
Apis          MSTYRTMLTSVLVLLVVASVC------DCRINNLPTR-CMPGLLEDAPPKVREACLTLSTIRTLSNAIETFIQDKQFPMP 73
Znev          --MKHVCVVLICFLAALLAFS------PLRVSAVPPPQCS--------PSVRKVCAALSTFYELSNAMEAYLDDK-----  59
Amel          --MMGSTIVILFSMTTMAIFC------NNVLAALPTQ-CNPGFLDDLPPRIRKVCVALSRIYELGSEMESYIGDKENHIT 71
Nvit          SRSNVAMLTLLCLCAVLATLC-------GEAHGMPPAQCSPGLLDEVPPRIRKVCAALSTIYELGSAMENYINDK---VP 70
Dmel3463_2-100 --SFAQFFVACCLAIVLLAVS------NTRAAVQGPPLCQSGIVEEMPPHIRKVCQALENSDQLTSALKSYINNEASALV 72
               10        20        30        40        50        60        70        80
Consensus
               MXSFXMXLVLLCXXAVLXAVCHNIMRFXARAAAVPPPXCSPGALDDVPPRIRKVCQALSTXXELSSAXEXYXDDKAXHXA
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Turt          LFYNQRSPGALPYQQAKKGRPETDHVIMRFG----  106
Smar          AVSDMKR----------DERDTGHVFMRFG----   88
Bmor          LIRDYPQ---LLDTGM--KRQDVVHSFLRFGRRR-  97
Dmel          ANSDD-----LLKNYN--KRTDVDHVFLRFGKRR-  100
Lmig1         AVRD---PELFVED----KRPDVDHVFLRFGRRRR  93
Lmig2         EPRHQSLR--PLPAGI--KREDVGHVFLRFGRRR-  96
Rpro          ALRDTNIPYNIPE-----KRQDIDHVFMRFGRRR-  88
Apis          MPYS-RMSDGLVDTAMQNKRQDLDHVFLRFGRRRR  107
Znev          VARDSSNP--LVDAGV--KRQDVDHVFLRFGRRR-  89
Amel          GFHE-SIP--LLDSGV--KRQDVDHVFLRFGRRR-  100
Nvit          VLRE-DIP--LPDSGV--KRQDVDHVFLRFGRRR-  99
Dmel3463_2-100 ANSDD-----LLKNYN--KRTDVDHVFLRFGKRR-  99
               90        100       110
Consensus
               AXRDXSIPXXLLDXGVXXKRQDVDHVFLRFGRRRR
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