```
Hduj            -----MQSLLAVLCVVALLTFSGS-ADAQFNFSPNWGKRSGGGLLSN---HLDNGATCEAAQAVRVVAVYHACKRELDVM 71
Dmel            ---MNPKSEVLIAAVLFML--LAC-VQCQLTFSPDWGKRSVGGAGPGTFFETQ-QGNCKTSNEM-LLEIFRFVQSQAQLF 72
Rpro            -----MATNLFITSVLVLL--TFHYTLAQLTFSTDWGKRSVRHNAPD----------CTPNPDT-VIFLYKYLQNEFYKM 62
Bmor            -----MGRALVLVLILSAA--LLV-CEAQLTFTPGWGQGKRSEATDYR------NDGCSSE-DS-VYTIYKLIKNEAEKF 64
Aaeg            ---MDLVKLFSMLLICAAL--IFV-CDAQLTFTPSWGKRSSNPLSMNMPGSFGVQDSCKTPVDS-LMVIYRMIQTEAQKI 73
Amel            MHRKLRPSFFAFSIILLLCLILNTGVEAQLNFSTGWGKRSQRIGVVEWGVRTECATQAKPSVEQ-LLSVYHLIQIEARKM 79
Lmig3           ---MQVRAVLVLAVVALVA--VAT-SRAQLNFTPWWGKRALGAPAAG---------DCVSASPQALLSILNAAQAEVQKL 65
Lmig4           -----MRGLAVLAVLLAVG--AAL-CSAQLTFTPSWGKRALPDAAF-------------PSAEP-FLYLYKLIQAEAQKM 58
Lmig1           ---MVQRCALVVLLVVVVA--AAL-CSAQLNFTPNWGTGKRDAADFA-----------DP-YSFLYRLIQAEARKM 58
Lmig2           ---MTQGCTLTLTLVLVVAMLAAL-ATAQLNFSAGWGRR-----------YADPNADP-MAFLYRLIQIEARKL 58
Apis            ------MRTLLLLAVFMLC--ACI-AVGQVNFTPTWGQGKRNAPASD---------ECK-SMDT-LIYIYKLVQNEAQRI 60
Znev            -MSCIAKTIFVMVALIFVF------CEAQVNFTPNWGKRSGLQDAP----------CKASTEA-AMYIYKLIQNEAQKL 61
Tcas2           ------MHRVLLTVLLITI--VGL-CAAQLNFTPNWGKRAPEGESNR----------CKESVDT-IMLIYKIIQNEAQKL 60
Tcas1           ------MSRMFLIVVLIAF--VGV-CTAQLNFSTDWGKRSGSSAGSD-------ANNCKEPVET-IMLIYKIIQNEAQKI 63
Bpli5357_8-50:. ------NQALIITAVLLYF--VGF-SEQQFSYSANWGKRSNEENVEN-------------------------------- 38
                        10        20        30        40        50        60        70        80
Consensus               ▂ ▂ ▂ ▂ ▂ ▃ ▂ ▃ ▂ ▂ ▂ ▃ ▃ ▂ ▂ ▂ ▂
```