```
Lsal        IFRAAQLLTLLFIIINVFICSGQTFHYSHGWTNGKRS--------DPLIDRIDTIQKKGRSFDQRRRRMAFKRDDKLVRF 72
Aaeg        --MKHVFSTSLIVSLFVIFTDAQTFQYSRGWTNGKRSPEQTAPSRTL-LPHIPLGMDKPD--EECRLLIQRFLKSPCDVR 75
Hduj        MWKSIVALCILVLSIWTLVCTSQQYQYSRGWTPGKRSAGPFAMLPKALASATEDNFSQPQHDQLRSLPSASAFQTVCLTV 80
Amel        -MVNSQILILFILSLTITIVMCQTFTYSHGWTNGKRSSEELANRNAIQSDNVFANCELQKLRLLQGNINNQLFQTPCELL 79
Nvit        -MIRGLTIALVTVALVSL-ATCQTFQYSRGWTNGKRATSPLASILDYRAAMAGAGGRMNDLQNLLKWDNEEVCRVPCEFL 78
Bmor        -MVTNITLILTLMTLAS--VTAQTFQYSRGWTNGKRDGHKRDELRDEVLERILTPCQLDKLKVLEGKPLNDRLFVPCDYI 77
Isca        HYLGLSAVLLVCLAVTAY---SQTFQYSRGWTNGKRR---VAEMPLVGVPLRASN-------DHRALDEVLSKFTPRDRI 67
Dmel        -MLRLLLLPLFLFTLSM--CMGQTFQYSRGWTNGKRSFNAASPLLANGHLHRASELGLTDLYDLQDWSSDRRLERCLSQL 77
Smar        FQKTKLLLIVASILVFIICTSGQTFQYSKGWEPGRKR-----------------------AVDRSYQVRDWDAGRKREN-----56
Znev        SRMTGLLLIFCCLTGSIL---AQTFQYSRGWTNGRKR---SGPSPQMLIPSSASGER-----LFQNTDESSAISNPCSQL 69
Lmig        PWVSMALLAVACWWLSALWVSGQTFQYSHGWTNGRKRGGALVPAARLPLPATA---------DLEGQQTQQPCRVRCLRL 71
Tcas12692_10-75 ------LVAVLVLMAWMFTGTQAQVTFSRDWNPGKRT-------------------------------ENTDLHNTLKTASAVCHL 49
                          10        20        30        40        50        60        70        80
Consensus
XMVTXLLLILLCLXLSILIXTGQTFQYSRGWTNGKRSGXXLAPLPDLLLPXIASXCRLXDLYDLRXLDNXRKLXXPCDRL
```

```
Lsal        LLDENIRNMKDGSEMFLPERYPSTLS--------- 98
Aaeg        LANAIVNRNDGTALLYDPVPMVDTAASEDVRFKR 109
Hduj        EEMENLQRSAYVAGLYKEKPPFGHGEDRAGDFRF 114
Amel        NF----------PKRSFSENMINDHRQPAPTNNNY 104
Nvit        DVLRQCLIRASPNDLSDFRRPSAPALETSSSLSY 112
Bmor        E-----------EEVNQPKRYKGERNHELFDVFQ 100
Isca        VL----------ERLGHMVRVLDHAEEEQQED-- 89
Dmel        QRSLIARNCPDPENSAHPRLSNSNGENVLYSSAN 111
Smar        ----------IRGLDSSTAWILGLKRAAFN---  76
Znev        QRIRFLLGARNPQQFYFPCETWTDIFETPSEEVS 103
Lmig        LL----------QAAALPQVTH------------ 83
Tcas12692_10-75 LM----------NQVRQLASCDNNNEL------- 66
                    90        100       110
Consensus
LLXXXLXXXADPEXLYXPXRXNDHAEEEXXXFXY
```