```
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
Tmol14353_10-74 ------MIALLLLVTWTFIGAQAQVTFSRDWNPGKR-----------------------------VAENTDFHNTMKTASAVC 48
                         10        20        30        40        50        60        70        80

Consensus
XMVTXLLLILLXLXLSILIXXGQTFQYSRGWTNGKRSGXXLAPLPDLLLPXIASXCRLXDLYDLRGXDXXRXLXTPCDRL
```

```
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
Tmol14353_10-74 HL----------LINQVRQLATCDNN------ 64
                         90        100       110

Consensus
LLXXXLXXXADPEXLYXPVRXXDXAEEEXXXFXY
```