```
Turt        MLNFGSKQYHHILLTMVVVVIVSTIVSARYLPTRNDDTRKEQIKELLRMFLEASNSSPDVDSIQGTAKRSPGSLFDYRGT 80
Rpro        QSKMMSRE-VIVVAVLMMVLLSSSMVQSRYLPTRGADDRILRLRQLLKDLMENDLDPIMEHPAAPNGQYD--PRLYKRAA 77
Dmel        --MGVPRSWLLVWMTVLLLVVPPHLVDGRYLPTRSHGDDLDKLRELMLQILELSNEDPQQQQQQQQQQQHPQLRLHNEAT 78
Phum        ---MMLRA----FAVCFVILITVNFVSSRWLPTRSQEDRLDKLKEMLKDLLESEIERANIEESIQPKNDHDDKKLFKETN 73
Tcas        ---MFDRK---LVFALVFVVFATLAVEGRYLPTRSNGDRIEKLRELLKDLFENEVEKEEYQADAPPRWHPESKLFYKREA 74
Lmig        --MLSQRK---TVLLLVVALLAAGVAQGRYLPTRSLEDRLDRLRDLINDLVESERPAP---RALPPRRLD---------- 62
Znev        ---MCCRQ---AVLLALMLVVMYAATEARYLPTRSQDDRLDRLRELLRDLLESEVEKTNVNNNSYDR-----RMLYKRQV 69
Pcau3479_6-51 ----------KVLALLFAIVLLGRAVSAQWL---GDDDDDAEISDYLSDLYESDNDALQ---------- 46
Pcau3480_6-51 ----------KVLALLFAIVLLGRAVSAQWL---GDDDDDAEISDYLSDLYESDNDALQ---------- 46
                                  10        20        30        40        50        60        70        80
Consensus
XXMMMSRXXXKVVALLXVXVLXXRAVSARYLPTRSDDDRLDXLRELLKDLLESENEAPQVQXAXPPRQXXPXKXLYKRAX
```

```
Turt        NNPSYLIKRTAIEEVPSG 98
Rpro        PPVQWDAVGAQFAGN--- 92
Dmel        SNAAWLQKLSAMGALDEL 96
Phum        NNNKQLDTKSQL------ 85
Tcas        PAH--------------- 77
Lmig        ----WMLAGEPELDYPQ- 75
Znev        PMITTEQQQAPLVSAQQ- 86
Pcau3479_6-51 ------------------ 46
Pcau3480_6-51 ------------------ 46
                        90
Consensus
PNXXWLQKGXXLXXXPQX
```