```
Hduj        SAVWVYLEPRFDGEFLSRNADVIDSISDEMYNQQSAQPALGSGIPIGGAASEMATLPRQMVRPLRIPMQKRNSEILNTLI 80
Znev        ---MKQLGAVILFFYLLTTEFTSAAIQLEDNR--YLDKEFQRELATWIMQLLLHKGQQT------ICTHKRNSELINTLL 69
Lmig        AVSGKLITVFVLSIYVLGLALTIHATQYDEEKYQENEVRYGRELATLLAQLAHKNEPA-------ICAHKRNSEIINSLL 73
Dmel        MARYTYLVALVLLAICCQWGYCGAMAMPDEER--YVRKEYNRDLLDWFNNVGVGQFSPGQVATLCYPIRKRNSELINSLL 78
Aaed        ---MVNVQASFFVAICLCLSICASMPSYDDGIVDVDNEPFIRQLAELLAESDTNELSEIYSLPACVCYGKRNSELINSLL 77
Amel        ---MISRKCVIILIMMLGIAYQTFGTTEDSYRLLALNFPYDRGV-----NNDLQRIAKLLLLPPCLCHSKRNSELINSLL 72
Nvit        MRSWVSH--LIRAFFVFGAILCASASMEDTSH-MIMNNPYGRSL-----DAEL--ITRLLLAPQRLCHPKRNSELINSLL 70
Tmol6708_27-86 ----------------------------------DDYR--YLDRDYAHQLASWIASQEYAPAPEVPILPYRLPQGKRNSEVSNAIM 50
                                                 10        20        30        40        50        60        70        80
Consensus
MASMVXLXAXILLXXXLGLAXCXXAXXXDDYRXQYLNKPYGRXLATWXAXXELAXXPXLLXLPLXXCHXKRNSELINSLL
```

```
Hduj        GLPNKLKQRG- 90
Znev        GLPKILNEAGR 80
Lmig        GLPKLLNDAGR 84
Dmel        SLPKNMNDAGK 89
Aaed        SLPKKLNDAGK 88
Amel        GLPKNMNNAGK 83
Nvit        SLPKNMNNAGK 81
Tmol6708_27-86 G---------- 51
                    90
Consensus
GLPKNLNDAGK
```