```
logo                                                  MKARLIAILLSFIVIPFSSQAENEP.QKTPAKQVLVKGKINLNTADVYSLTGSFKGIGKKRAEAIIAYRENHQGFKSLEE
                                                      MKCIAVVLSLFVITLPVHATLAKQDLAPKQPPIVVDKIDLNKADLATLTGSIKGIGKKRAEAIIAYRQSHHGFKSLEE
NTDB id 1118816 EL064 RS10420 WP 115701810.1          MKAKCIAVVLSLFVITLPVHATLAKQDLAPKQPPIVVDKIDLNKADLATLTGSIKGIGKKRAEAIIAYRQSHHGFKSLEE   80
NTDB id 1272 LPP RS04360 WP 010946546.1               MKARLIAILLSFIVIPFSSQAENEP.QKTPAKQVLVKGKINLNTADVYSLTGSFKGIGKKRAEAIIAYRENHQGFKSLEE   79
NTDB id 1249 GCO85 RS04230 WP 010946546.1             MKARLIAILLSFIVIPFSSQAENEP.QKTPAKQVLVKGKINLNTADVYSLTGSFKGIGKKRAEAIIAYRENHQGFKSLEE   79
consensus                                             !!!**!!**!!**!!*****!**** ***!*****!**!!*!!*!!***!!!!*!!!!!!!!!!!!!!!**!*!!!!!!!
```

```
logo                                                  LAEVKGIGQRFVDKNREKLKEIFVIN
                                                      LSDVKGIGQHFVNVNREKLSEVFVIQKME
NTDB id 1118816 EL064 RS10420 WP 115701810.1          LSDVKGIGQHFVNVNREKLSEVFVIQKME   109
NTDB id 1272 LPP RS04360 WP 010946546.1               LAEVKGIGQRFVDKNREKLKEIFVIN...   105
NTDB id 1249 GCO85 RS04230 WP 010946546.1             LAEVKGIGQRFVDKNREKLKEIFVIN...   105
consensus                                             !**!!!!!!*!!**!!!!!*!*!!!*
```

X non conserved
X similar
X $\geq$ 50% conserved