```
logo                                                  MKARLIAILLSFIVIPFSSQAENE.PQKTPAKQVLVKGKINLNTADVYSLTGSFKGIGKKRAEAIIAYRENHQGFKSLEE
                                                      KFFAVLYTLPVHATLAKQDAVPKQPPIAIHKIDINNADLTALTGSIKGIGTKRAEAIIAYRQTHHGFKSLEE
NTDB id 376346 FQU71 RS12180 WP 003636695.1   MKAKFFAAVLSLYVITLPVHATLAKQDAVPKQPPIAIHKIDINNADLTALTGSIKGIGTKRAEAIIAYRQTHHGFKSLEE   80
NTDB id 1272 LPP RS04360 WP 010946546.1       MKARLIAILLSFIVIPFSSQAENE.PQKTPAKQVLVKGKINLNTADVYSLTGSFKGIGKKRAEAIIAYRENHQGFKSLEE   79
NTDB id 1249 GC085 RS04230 WP 010946546.1     MKARLIAILLSFIVIPFSSQAENE.PQKTPAKQVLVKGKINLNTADVYSLTGSFKGIGKKRAEAIIAYRENHQGFKSLEE   79
consensus                                     !!!***!**!!**!!*****!*** ****!********!!**!*!!***!!!!*!!!!*!!!!!!!!!!**!*!!!!!!!
```

```
logo                                                  LAEVKGIGQRFVDKNREKLKEIFVIN
                                                      SVHNVSVHKME
NTDB id 376346 FQU71 RS12180 WP 003636695.1   LSEVKGIGQHFVNVNREKLSEVFVIHKME   109
NTDB id 1272 LPP RS04360 WP 010946546.1       LAEVKGIGQRFVDKNREKLKEIFVIN...   105
NTDB id 1249 GC085 RS04230 WP 010946546.1     LAEVKGIGQRFVDKNREKLKEIFVIN...   105
consensus                                     !*!!!!!!!*!!**!!!!!*!*!!!*
```

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