```
logo                                                  MKARLIAILLSFIVIPFSSQAENEP.QKTPAKQVLVKGKINLNTADVYSLTGSFKGIGKKRAEAIIAYRENHQGFKSLEE
                                                      RKFITALSLSVITLSAHAVIPKDSSVKKKPPIVIHKIDLNTADLSTLTGSVKGIGKKRAEAIIAYRKSHHGFKSLEE
NTDB id 1118784 EL022 RS13330 WP 028380100.1          MRAKFIATALSLSVITLSAHAVIPKDSSVKKKPPIVIHKIDLNTADLSTLTGSVKGIGKKRAEAIIAYRKSHHGFKSLEE   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                                                  LAEVKGLGQRFVDKNREKLKEIFVIN
                                                      LADVKGLGQRFMTTNRDKLNQVFVISKIQ
NTDB id 1118784 EL022 RS13330 WP 028380100.1          LADVKGLGQRFMTTNRDKLNQVFVISKIQ   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