```
logo

NTDB id 1078112 ACKFA7 RS01640 WP 038456919.1  MIKSWKPQELAISYHQFTIFQKDSEPPVIDWTDEAIEKGYAEADRAVSFEARRNTRAFIVLRLNTSEPVPSYEKKATVPF   80
NTDB id 111 BSU 03420 NP 388224.1              MIKSWKPQELSISYHQFTVFQKDSTPPVMDWTDEAIEKGYAAADGAISFEAQRNTKAFILFRLNSSETVNSYEKKVTVPF   80
consensus                                      !!!!!!!!!! !!!!!!!*!!!!! !!!*!!!!!!!!!!!! !! !*!!!! !!!*!!!* !!!*!!*!*!!!!! !!!!
```

```
logo

NTDB id 1078112 ACKFA7 RS01640 WP 038456919.1  EAVKDGIEIESVMSKRLFFHIPKGRYTLTCYSVPAEISDLHADTYIIDAAAM   132
NTDB id 111 BSU 03420 NP 388224.1              HVTENGIHIESIMSKRLSFDLPKGDYQLTCWTVPAEMSDLHADTYIIDAVSV   132
consensus                                      *    !!*!!!*!!!!! !**!!! ! !!!**!!!!*!!!!!!!!!!!!  *
```

X non conserved

X similar

X $\geq$ 50% conserved