```
logo

NTDB id 1014 ACIAD RS13855 WP 004924483.1     MSIRHFFTFFWATLLT.......LFSMQIVFAQGFDQQYDAWKTQQKAHDTRLNSSASHHSLSKPT....QQSGTGVKVN   69
NTDB id 88548 OCUAc18 RS03075 WP 002125991.1  ...MQYSMRFWKNKYFVLIMLCLGVISPSVYAQSFDKNFQEWKAKQQMYDQKLNISKSSHSNGSKISQTKNFNDSTGQIH   77
NTDB id 1069 ABD1 RS03060 WP 043960841.1      ...MQYSMRFWKNKYFVLIMLCLGVISPSVCAQSFDQNFQEWKVKQQMYDQKLNISKSSHSNSSKISQTKNFNDSTGQIH   77
NTDB id 1041 HON27 RS14740 WP 005124713.1     ...MQYSMRFWKNKYFLLIMLCLGVISPSVCAQSFDQNFQEWKAKQQMYDQKLNITKSSHSNGSKISQTKNFNDSTGQIH   77
consensus                                        ******!!*******************!*!!*!!*****!!**!***!**!!***!*!!* ****************
```

```
logo

NTDB id 1014 ACIAD RS13855 WP 004924483.1     INSATAKELQQLHGVGEKKALAIVEYRQQYGKFASVDDLQKVKGIGPKFIEKNRDRLAI   128
NTDB id 88548 OCUAc18 RS03075 WP 002125991.1  LNQANVNEFQQLKGIGEKKAQAIVEYRQKNGSFKNIDEIKNVKGIGPAIFEKNKSRLAL   136
NTDB id 1069 ABD1 RS03060 WP 043960841.1      LNQANVNEFQQLKGIGEKKAQAIVEYRQKNGSFKNIDEIKNVKGIGPAIFEKNKSRLAL   136
NTDB id 1041 HON27 RS14740 WP 005124713.1     LNQANVNEFQQLKGVGEKKAQAIVEYRQKNGSFKNIDEIKNVKGIGPAIFEKNKSRLAL   136
consensus                                     *!*!***!*!!!!*!*!!!!!*!!!!!!!**!*!***!****!!!!!!***!!!**!!!*
```

X non conserved

X similar

X ≥ 50% conserved