```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1014 ACIAD RS13855 WP 004924483.1   MSIRHFFTFFWATLLTL.......FSMQIVFAQGFDQQYDAWKTQQKAHDTRLNSSASHHSLSKPT....QQSGIGVKVNINSAT   74
NTDB id 136784 RU84 RS15380 WP 001978433.1  ...MQYSMRFWKNKYFLLIMLCLGVISPSVYAQSFDKNFQEWKAKQQMYDQKLNISKSSHSNGSKISQTKNFNDSTGQIHLNQAN   82
NTDB id 1041 HON27 RS14740 WP 005124713.1   ...MQYSMRFWKNKYFLLIMLCLGVISPSVCAQSFDQNFQEWKAKQQMYDQKLNITKSSHSNGSKISQTKNFNDSTGQIHLNQAN   82
NTDB id 1069 ABD1 RS03060 WP 043960841.1    ...MQYSMRFWKNKYFVLIMLCLGVISPSVCAQSFDQNFQEWKVKQQMYDQKLNISKSSHSNSSKISQTKNFNDSTGQIHLNQAN   82
consensus                                    ******!!******************!*!!*!!*****!!**!***!**!!***!*!!* ******************!*!*
```

```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1014 ACIAD RS13855 WP 004924483.1   AKELQQLHGVGEKKALAIVEYRQQYGKFASVDDLQKVKGIGPKFIEKNRDRLAI   128
NTDB id 136784 RU84 RS15380 WP 001978433.1  VNEFQQLKGIGEKKAQAIVEYRQKNGSFKNIDEIKNVKGIGPAIFEKNKSRLAL   136
NTDB id 1041 HON27 RS14740 WP 005124713.1   VNEFQQLKGVGEKKAQAIVEYRQKNGSFKNIDEIKNVKGIGPAIFEKNKSRLAL   136
NTDB id 1069 ABD1 RS03060 WP 043960841.1    VNEFQQLKGIGEKKAQAIVEYRQKNGSFKNIDEIKNVKGIGPAIFEKNKSRLAL   136
consensus                                   **!*!!!*!*!!!!!*!!!!!!!**!*!***!****!!!!!!***!!!**!!!*
```

X non conserved

X similar

X $\geq$ 50% conserved