```
logo
NTDB id 1362 HI 1008 AAC22669.1          .........MKTLFTSV..VLCGALVVSSSFAEEKATXQTA.........QSV........VTTQAEAQVAPAVVSDKLN   52
NTDB id 32280 VS RS10305 WP 012604502.1  .........MRTIYSTLFLTF.LILLSPAAYA.DSPTKA.............................EL.YDGIEITVN   39
NTDB id 1159 ABDM36 RS04765 WP 001166105.1 .......MQIKTKIVTLFLSLCLPTLPLLANAEETAPAA.............................QV.EEGIVITVN   43
NTDB id 1150 A1552VC RS08580 WP 001166105.1 .....MQIKTKIVTLFLSLCLPTLPLLANAEETAPAA.............................QV.EEGIVITVN   43
NTDB id 1395 DSB67 RS04445 WP 010649155.1 ..............MKWMLTLCLLILAPMSWAE.TKTKA...........................DK.YEGIEITVN   35
NTDB id 1294 VP RS04495 WP 021449594.1   ..............MKWILTLCLVVFAPLSLAA..DTKA...........................DK.YEGIEITVN   34
NTDB id 1014 ACIAD RS13855 WP 004924483.1 MSIRHFFTFFWATLLTLF.......SMQIVFAQGFDQQYDAWKTQQKAHDTRLNSSASHHSLSKPT....QQSGTGVKVN   69
NTDB id 1041 HON27 RS14740 WP 005124713.1 ...MQYSMRFWKNKYFLLIMLCLGVISPSVCAQSFDQNFQEWKAKQQMYDQKLNITKSSHSNGSKISQTKNFNDSTGQIH   77
consensus                                            *** ***** **  *  !      *                          *** ****
```

```
logo
NTDB id 1362 HI 1008 AAC22669.1          INTATASEIQKSLTGIGAKKAEAIVQYREKHGNFXNAEQLLEVQGIGKATLEKNRDRIIF   112
NTDB id 32280 VS RS10305 WP 012604502.1  INTATAEELSALLVGVGDKKAQEIVDYRDQNGAFTTADDLVSVKGIGEATVKKNRERIQL    99
NTDB id 1159 ABDM36 RS04765 WP 001166105.1 INTASAEELATLLKGIGLKKAQAIVDYREANGPFTHIDDLTNVKGIGEATVRNNAARILL   103
NTDB id 1150 A1552VC RS08580 WP 001166105.1 INTASAEELATLLKGIGLKKAQAIVDYREANGPFTHIDDLTNVKGIGEATVRNNAARILL   103
NTDB id 1395 DSB67 RS04445 WP 010649155.1 VNSATAQEIATLLIGIGEKKAQDIVEYRNEHGPFKTAADLTKVKGIGEATVRKNEDRILL    95
NTDB id 1294 VP RS04495 WP 021449594.1   INTASAEEIATMLKGIGEKKAQSIVDYRTEHGPFKTAADLTNVKGIGEATIKKNEDRILL    94
NTDB id 1014 ACIAD RS13855 WP 004924483.1 INSATAKELQQ.LHGVGEKKALAIVEYRQQYGKFASVDDLQKVKGIGPKFIEKNRDRLAI   128
NTDB id 1041 HON27 RS14740 WP 005124713.1 LNQANVNEFQQ.LKGVGEKKAQAIVEYRQKNGSFKNIDEIKNVKGIGPAIFEKNKSRLAL   136
consensus                                *!*!** !*  *! !*!*!!!**!!*!!   ! !   ***  !*!!!******! *!***
```

X non conserved

X similar

X $\geq$ 50% conserved