```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 595 KW2 RS08725 WP 021037687.1      MEKILDKLKEYWKIMLLVVCALIAGGIFYIFTNSPKPAETLSVENLSSSSTKSSVSKFNSSSSEKNKNEIMVDLKGAVAK    80
NTDB id 1014 ACIAD RS13855 WP 004924483.1   .....MSIRHFFTFFWATLLTLFSMQ.......................................................    21
NTDB id 1362 HI 1008 AAC22669.1             .......MKTLFTSVV..LCGA...........................................................    13
NTDB id 1035435 OAM RS05720 WP 010439527.1  .......MRTIYSTLLLS..FL............................................................    13
NTDB id 1159 ABDM36 RS04765 WP 001166105.1  .....MQIKTKIVTLFLSLCLP...........................................................    17
NTDB id 1150 A1552VC RS08580 WP 001166105.1 .....MQIKTKIVTLFLSLCLP...........................................................    17
NTDB id 1395 DSB67 RS04445 WP 010649155.1   ............MKWMLTLCLL............................................................    10
NTDB id 1294 VP RS04495 WP 021449594.1      ............MKWILTLCLV............................................................    10
consensus                                          **      ****** *

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 595 KW2 RS08725 WP 021037687.1      PNVYQISSDERLVDLIRQAGGFTDQADQKSINLSAKLKDEEVIYVPKVGESSSSESTDSPTGSSVSNQ.ISTTSGPKVNI   159
NTDB id 1014 ACIAD RS13855 WP 004924483.1   ...............IVFAQGFDQQYDAWKTQQK..AH......DTRLNSSA........SHHSLSKPTQQSGTGVKVNI    70
NTDB id 1362 HI 1008 AAC22669.1             ...............LVVSSSFAEEKATXQTAQ..................SV........VTTQAEAQVAPAVVSDKLNI    53
NTDB id 1035435 OAM RS05720 WP 010439527.1  ...............ITLSAGVFADSPTK.....................................AEL.YDGIEITVNI    40
NTDB id 1159 ABDM36 RS04765 WP 001166105.1  ...............TLPLLANAEETAPA.....................................AQV.EEGIVITVNI    44
NTDB id 1150 A1552VC RS08580 WP 001166105.1 ...............TLPLLANAEETAPA.....................................AQV.EEGIVITVNI    44
NTDB id 1395 DSB67 RS04445 WP 010649155.1   ...............ILAPMSWAE.TKTK.....................................ADK.YEGIEITVNV    36
NTDB id 1294 VP RS04495 WP 021449594.1      ...............VFAPLSLAA..DTK.....................................ADK.YEGIEITVNI    35
consensus                                                  **   * **                                        *    *** ***!*

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 595 KW2 RS08725 WP 021037687.1      NKADLTELQK.LTGIGQKKAQDIIDFRMKNGDFKSIEDLGKVSGFGDKTLEKLKDEISID   218
NTDB id 1014 ACIAD RS13855 WP 004924483.1   NSATAKELQQ.LHGVGEKKALAIVEYRQQYGKFASVDDLQKVKGIGPKFIEKNRDRLAI.   128
NTDB id 1362 HI 1008 AAC22669.1             NTATASEIQKSLTGIGAKKAEAIVQYREKHGNFXNAEQLLEVQGIGKATLEKNRDRIIF.   112
NTDB id 1035435 OAM RS05720 WP 010439527.1  NKATAEELSALLVGVGDKKAQEIVDYRDKHGAFTKPSDLVNVKGIGEATVEKNRERIQL.    99
NTDB id 1159 ABDM36 RS04765 WP 001166105.1  NTASAEELATLLKGIGLKKAQAIVDYREANGPFTHIDDLTNVKGIGEATVRNNAARILL.   103
NTDB id 1150 A1552VC RS08580 WP 001166105.1 NTASAEELATLLKGIGLKKAQAIVDYREANGPFTHIDDLTNVKGIGEATVRNNAARILL.   103
NTDB id 1395 DSB67 RS04445 WP 010649155.1   NSATAQEIATLLIGIGEKKAQDIVEYRNEHGPFKTAADLTKVKGIGEATVRKNEDRILL.    95
NTDB id 1294 VP RS04495 WP 021449594.1      NTASAEEIATMLKGIGEKKAQSIVDYRTEHGPFKTAADLTNVKGIGEATIKKNEDRILL.    94
consensus                                   !*!** !*  *! !*! !!!* !***!   ! !   **!  !*!*!**** ** *****
```

X non conserved

X similar

X $\geq$ 50% conserved