logo

```
NTDB id 595 KW2 RS08725 WP 021037687.1       MEKILDKLKEYWKIMLLVVCALIAGGIFYIFTNSPKPAETLSVENLSSSSTKSSVSKFNSSSSEKNKNEIMVDLKGAVAK    80
NTDB id 1440 BW25113 RS02290 WP 000680312.1  ....MKH.........................................................................GIK     6
NTDB id 1159 ABDM36 RS04765 WP 001166105.1   ....MQI.........................................................................KTK     6
NTDB id 1150 A1552VC RS08580 WP 001166105.1  ....MQI.........................................................................KTK     6
NTDB id 45983 K5706 RS10115 WP 128811308.1   ................................................................................     0
NTDB id 1294 VP RS04495 WP 021449594.1       ................................................................................     0
NTDB id 1395 DSB67 RS04445 WP 010649155.1    ................................................................................     0
NTDB id 1459 ASU2 RS10590 WP 015674357.1     .............................................................................MKT     3
NTDB id 1382 A4U84 RS07375 WP 062924234.1    .............................................................................MKK     3
consensus                                                                                                   *
```

logo

```
NTDB id 595 KW2 RS08725 WP 021037687.1       PNVYQISSDERLVDLIRQAGGFTDQADQKSINLSAKLKDEEVIYVPKVGESSS....SESTDSPTGSSVSNQISTTSGPK   156
NTDB id 1440 BW25113 RS02290 WP 000680312.1  ALLITLS.........LACAGMSHSAL...........AAA..S....VAKPTAVETKAEAPAAQSKAAVPAKASDEEGTR    61
NTDB id 1159 ABDM36 RS04765 WP 001166105.1   IVTLFLS.........LCLPTLPLLAN......................AEET................APAAQVEEGIVIT    41
NTDB id 1150 A1552VC RS08580 WP 001166105.1  IVTLFLS.........LCLPTLPLLAN......................AEET................APAAQVEEGIVIT    41
NTDB id 45983 K5706 RS10115 WP 128811308.1   .MKWILT.........ISLMLLSSLAW..........ATD..SQTGSAETS...................SNKAAKYDGIEIT    42
NTDB id 1294 VP RS04495 WP 021449594.1       .MKWILT.........LCLVVFAPLSL..........AA.........................................DTKADKYEGIEIT    32
NTDB id 1395 DSB67 RS04445 WP 010649155.1    .MKWMLT.........LCLLILAPMSW..........AET.......................................KTKADKYEGIEIT    33
NTDB id 1459 ASU2 RS10590 WP 015674357.1     PSKLGLS.........LLIGMLSTGVL..........AAE..KTKPSVTEPTPVVQNAQATS....PEHSHAEMTNNANL    58
NTDB id 1382 A4U84 RS07375 WP 062924234.1    LSRYTFS.........LLFGLFSATTF..........AEE..KVTTST.EHTPVVMQQ...........VAATQKVNANV    50
consensus                                     *** **         * * *** **           *           *                    *   *** **
```

logo

```
NTDB id 595 KW2 RS08725 WP 021037687.1       VNINKADLTELQ.KLTGIGQKKAQDIIDFRMKNGDFKSIEDLGKVSGFGDKTLEKLKDEISID   218
NTDB id 1440 BW25113 RS02290 WP 000680312.1  VSINNASAEELARAMNGVGLKKAQAIVSYREEYGPFKTVEDLKQVPGMGNSLVERNLAVLTL.   123
NTDB id 1159 ABDM36 RS04765 WP 001166105.1   VNINTASAEELATLLKGIGLKKAQAIVDYREANGPFTHIDDLTNVKGIGEATVRNNAARILL.   103
NTDB id 1150 A1552VC RS08580 WP 001166105.1  VNINTASAEELATLLKGIGLKKAQAIVDYREANGPFTHIDDLTNVKGIGEATVRNNAARILL.   103
NTDB id 45983 K5706 RS10115 WP 128811308.1   VNVNTASAQEIASLLNGIGEKKAQDIVDYRKEHGPFKTAADLTNVKGIGDATVKKNEDRILL.   104
NTDB id 1294 VP RS04495 WP 021449594.1       VNINTASAEEIATMLKGIGEKKAQSIVDYRTEHGPFKTAADLTNVKGIGEATIKKNEDRILL.    94
NTDB id 1395 DSB67 RS04445 WP 010649155.1    VNVNSATAQEIATLLIGIGEKKAQDIVEYRNEHGPFKTAADLTKVKGIGEATVRKNEDRILL.    95
NTDB id 1459 ASU2 RS10590 WP 015674357.1     VNINIATAAEIQDKLVGIGAKKAQAIVEYRTKNGAFSSLEQLTDVSGIGKATLDKNRDRILLQ   121
NTDB id 1382 A4U84 RS07375 WP 062924234.1    VNINTATASEIQDKLVGIGAKKAQAIVEYREKNGKFLNVEQLTEVSGIGKATLEKNRDCIVIE   113
consensus                                    !**!*!** !***** !*! !!!!*!***!  *!*!*****!**!*!*!******* *****
```

X non conserved

X similar

X ≥50% conserved