```
logo

NTDB id 1145722 CS893 RS02490 WP 089086745.1  MKQSLLKKIGLGVGGFVVLMALGLLANKG..SNNNNKEEIFQVSESKFPLSDYFFEEVKEEPKKAKETPEVTTQEPTTQT    78
NTDB id 1218 CAA10657.1 2413..3543( )         .MNKWLKGVIVFIGGFATITTISLVYHQKPKAPLNNQPSLLNDDEVKYPLQDYTFTQNPQPTNTES.SKDATIKALQEQL    78
consensus                                     * *  !! * * *!!!  *  * !* *  ** * !! * * *  ! !*!! !! !   * **    **** !   *  !

logo

NTDB id 1145722 CS893 RS02490 WP 089086745.1  SPNPSVSANPNIKDYSHLNNNLNQQNNTITHLQQVLQSPSKIKPKPKHTKEQLEFLNTRLKPLEPTKPATK......PEM   152
NTDB id 1218 CAA10657.1 2413..3543( )         KA.ALKALNSKEMNYSK..........EETFKSPPIDPNTTPPKKDFSLKQLDLLAARITPFKQSPKNYEENLIFPVDN   146
consensus                                      ***    !*    !!************  *   **  !   *!!* **  !!* !  !* !  ****   ********

logo

NTDB id 1145722 CS893 RS02490 WP 089086745.1  EYGVDSFTNLKYKDIGTNEHKLLRTITADRMIPAFLITPISSQIAGKVTAQVESDIFASMGRAVLIPKGSKVIGYYNNNN   232
NTDB id 1218 CAA10657.1 2413..3543( )         PKGIDGFTNLKEKDIATNENKLLRTITADKMIPAFLITPISSQIAGKVIAQVESDIFAHMGKAVLIPKGSKVIGYYSNNN   226
consensus                                     * !*! !!!!! !!!*!!!*!!!!!!!!!*!!!!!!!!!!!!!!!!!! !!!!!!!!!*!!*!!!!!!!!!!!!!! !!!

logo

NTDB id 1145722 CS893 RS02490 WP 089086745.1  QIGQYRLNIAWTRIITPQGINIMLTNARGADVKGYNGLVGKYISRNFQRYGIPLLTNTLSNGLLIGITSALANRQNRKGD   312
NTDB id 1218 CAA10657.1 2413..3543( )         KMGEYRLDIVWSRIITPHGINIMLTNAKGADIKGYNGLVGELIERNFQRYGVPLLLSTLTNGLLIGITSALNNRGNKEGA   306
consensus                                      *! !!! ! !*!!!!!*!!!!!!!!!!*!!!*!!!!!!!!  ! !!!!!!!*!!!  !!*!!!!!!!!!!! !! !* !

logo

NTDB id 1145722 CS893 RS02490 WP 089086745.1  GNPFFGDYLLMQLTRNTGMGINQVINQMLRQYGAQNPIIIIREGSRVFISPNLDIFIPKPKDGEVLAEFFKEKKPLIKTK   392
NTDB id 1218 CAA10657.1 2413..3543( )         .TNFFGDYLLMQLMRQSGMGINQVVNQILRDKSKIAPIVVIREGSRVFISPNTDIFFPIPRENEVIAEFLK ........   376
consensus                                     * *!!!!!!!!!! !**!!!!!!!*!!*!!      !!**!!!!!!!!!!!! !!! ! !** !!*!!! !*********

logo

NTDB id 1145722 CS893 RS02490 WP 089086745.1  EEINNEEEI   401
NTDB id 1218 CAA10657.1 2413..3543( )         .........   376
consensus                                     *********
```

X non conserved

X similar

X ≥50% conserved