```
logo

NTDB id 268973 C2E15 RS02575 WP 104955999.1  MKQGLQLRLSQQLAMTPQLQQAIRLLQLSTLELQQEIQLALESNPLLEQTDNVHEEVDSREYVESEALDTREALEQKDMP   80
NTDB id 1425 RS RS02020 WP 011000369.1       MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGA..DGSVNALQSSSATPLP   78
consensus                                    !!! !!!!!!!*!!*!!!!!! !!!!!!!!*!!!!!*  !!  !!!!!     **        **   *         **!

logo

NTDB id 268973 C2E15 RS02575 WP 104955999.1  EELPLDAT........WDEIYTAGTPS..GTG...............TDYRDDELPVYQGETTQTLQDYLMWQVELTPFT  135
NTDB id 1425 RS RS02020 WP 011000369.1       TESPPAANGADHADTAEASYENGSDFDSDYGTERSDWSLDDFARKPQSDEDDRAPMQLREAEPTQREFLMEQLAPLKLS  158
consensus                                     ! !**! ******** *  !  !** **  !***************    !!  !*   !  *!  **!! !* * * *

logo

NTDB id 268973 C2E15 RS02575 WP 104955999.1  DTDRAIATSIVDAIDDTGYLTVSLDEIRDSM.GDDEVALDEVEAVLKRIQRFDPIGVGARDLRDCLLVQLSQFASDTPWL  214
NTDB id 1425 RS RS02020 WP 011000369.1       PRDKGLVIFLIESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDSP..AK  236
consensus                                    * !***   *** *!! !!!! !!!!!   **** !! !!!* ! !* *! !!! !*!!!   *!! *!!    !***

logo

NTDB id 268973 C2E15 RS02575 WP 104955999.1  TEAQLIVSEHLDLLANHDFRSLMRVTRLKEDVLKEAMALIQSLDPRPGQSVNTSEPEYVIPDVLVRKIGTRWTVELNGDS  294
NTDB id 1425 RS RS02020 WP 011000369.1       PLALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKTAAGWMAQLNPDV  316
consensus                                    * !  !!  !!*!!! *!*  ! *   * *  !! !* !! !! ! !!*     !***!*!!!*!!! *  !   !!*!

logo

NTDB id 268973 C2E15 RS02575 WP 104955999.1  VPRLNINQQYAALGSSARNDSDSQFIRTNLQEAKWLIKSLESRNDTLLKVTRCIVEQQQAFFEQGEEFMRPMVLADIAQA  374
NTDB id 1425 RS RS02020 WP 011000369.1       MPRLRINDMYAQILRSSRGESGAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLREIADT  396
consensus                                    *!!! !!  !! *  ! ! *!    *   !!!!*!!!! *  ! !!*!*!* *!!! !  !! *!!  !!!*!! *!!

logo

NTDB id 268973 C2E15 RS02575 WP 104955999.1  VEMHESTISRVTTQKYLHSPRGIFELKYFFSSHVNTEGGGEASSTAIRALVKKLISAENPAKPLSDSKLTSMLSEQGIMV  454
NTDB id 1425 RS RS02020 WP 011000369.1       LGLHESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGEQGFVV  476
consensus                                    * *!!!!!!!!!!*!!***! ! !!!!!!! !!! !! !! !!!!!!!!!*! !* !! !  !!!!!**  *! !!! *!

logo

NTDB id 268973 C2E15 RS02575 WP 104955999.1  ARRTVAKYRESLSIPPSNQRKQLV   478
NTDB id 1425 RS RS02020 WP 011000369.1       ARRTVAKYREALKIPAVNLRKSL.   499
consensus                                    !!!!!!!!!! ! !!* ! !! !*
```

X non conserved
X similar
X $\geq$ 50% conserved