```
logo
NTDB id 321192 D8682 RS17990 WP 064543108.1  MKQGLQLRLSQQLAMTPQLQQAIRLLQLSTLELQQELQQALESNPLLEQTDLHEEVETQEVRENEALDTREALEQKEMPD   80
NTDB id 1425 RS RS02020 WP 011000369.1       MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIG.ADGSVNALQSSSATPLPT   79
consensus                                    !!! !!!!!!!*!!*!!!!!! !!!!!!!!*!!!!!* !!!  !!!!!    * *      *    *         **!

logo

NTDB id 321192 D8682 RS17990 WP 064543108.1  ELPLDT..SWDEIYTAGTPSGTGSDY.......................IDDELPVYQGETTQSLQDYLMWQVDLTPFSD  135
NTDB id 1425 RS RS02020 WP 011000369.1       ESPPPAANGADHADTAEASYENGSDFDSDYGTERSDWSLDDFARKPQSDEDDRAPMQLREAEPTQREFLMEQLAPLKLSP  159
consensus                                    ! !** **  !*  !!  *   !!!************************ !!  !*   !  **  **!! !* * * !*

logo

NTDB id 321192 D8682 RS17990 WP 064543108.1  TDTAIATSIVDAVDEMGYLTVSLEEILESMG.DDEITLDEVEAVLKRVQRFDPVGVAARDLRDCLLIQLSQFARETPWLT  214
NTDB id 1425 RS RS02020 WP 011000369.1       RDKGLVIFLIESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDS..PAKP  237
consensus                                     ! **   *** *!* !!!! !!*!!!  **** !* !!!* ! !* *! !!! !**!!   *!! *!!     **!  *

logo

NTDB id 321192 D8682 RS17990 WP 064543108.1  EASLIVSDHLDLLANHDFRSLMRVTRLKEEVLKEAMCLIQSLDPRPGQSIQTGEPEYVIPDVLVKKTQGHWTVELNADSL  294
NTDB id 1425 RS RS02020 WP 011000369.1       LALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKTAAGWMAQLNPDVM  317
consensus                                     !  !!  !!*!!! *!*  ! *   * *  !! !**!! !! ! !!*    *!***!*!!!*!*!! **!   !!*! *

logo

NTDB id 321192 D8682 RS17990 WP 064543108.1  PRLKINQQYAAMGTSARNDSDSQFIRSNLQEAKWLIKSLESRNDTLLRVSRCIVEQQQGFFEHGEEHMKPMVLADIAQVV  374
NTDB id 1425 RS RS02020 WP 011000369.1       PRLRINDMYAQILRSSRGESGAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLREIADTL  397
consensus                                    !!!*!!  !! *  ! ! *!    *   !!!!*!!!! *  ! !!*!!!! *!!! !  !! !!! *!*!*!! *!!  *

logo

NTDB id 321192 D8682 RS17990 WP 064543108.1  EMHESTISRVTTQKYLHSPRGIFELKYFFSSHVNTEGGGEASSTAIRALVKKLIAAENPAKPLSDSKLTTMLSDQGIMVA  454
NTDB id 1425 RS RS02020 WP 011000369.1       GLHESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGEQGFVVA  477
consensus                                     *!!!!!!!!!!*!!***! ! !!!!!!! !!! !! !! !!!!!!!!!*! !**!! !  !!!!!**  *! *!! *!!

logo

NTDB id 321192 D8682 RS17990 WP 064543108.1  RRTVAKYRESLSIPPSNQRKQLV   477
NTDB id 1425 RS RS02020 WP 011000369.1       RRTVAKYREALKIPAVNLRKSL.   499
consensus                                    !!!!!!!!! ! !!* ! !! !*
```

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