```
logo

NTDB id 94206 NGJ22 RS19655 WP 022649530.1  MKQGLQLRLSQQLAMTPQLQQSIRLLQLSTLELQQELQQALDSNPLLEQTDLHDEVDAQQTQDTETLDSVDALEQKEMPEELPLD   85
NTDB id 1425 RS RS02020 WP 011000369.1      MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADG.SVNALQSSSATPLPTESPPP   84
consensus                                   !!! !!!!!!!*!!*!!!!!! !!!!!!!!*!!!!!* !!!  !!!!!    * *  !    ! ***  *      **! ! !**

logo

NTDB id 94206 NGJ22 RS19655 WP 022649530.1  A...................SWDEIYTAGTPS.......GTRADYQDDELPVYQGETTQSLQDYLMWQVELTPFSDTDRAIATSIV  145
NTDB id 1425 RS RS02020 WP 011000369.1      AANGADHADTAEASYENGSDFDSDYGTERSDWSLDDFARKPQSDEDDRAPMQLREAEPTQREFLMEQLAPLKLSPRDKGLVIFLI  169
consensus                                   !****************** *!  !    * *******  *    !!  !*   !  **  **!! !* * * !* !***   **

logo

NTDB id 94206 NGJ22 RS19655 WP 022649530.1  DAVDDTGYLTVTLDEILESIG.DDEIELEEIEAVLKRVQRFDPIGVAAKDLRDCLLIQLSQFAKETPWIDEARLIISEHLDLLAN  229
NTDB id 1425 RS RS02020 WP 011000369.1      ESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDS..PAKPLALTIVNQHLELLAA  252
consensus                                   * *!! !!!! *!!!!!  **** !*!!*!* ! !* *! !!! !**!*   *!! *!!     **!  * !  !*  !!*!!!

logo

NTDB id 94206 NGJ22 RS19655 WP 022649530.1  HDFRTLMRVTRLKEEVLKEAVNLIQSLDPRPGQSIQTSEPEYVIPDVLVRKHNGRWVVELNADSIPRLQINQQYASMCTSARNDA  314
NTDB id 1425 RS RS02020 WP 011000369.1      RDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKTAAGWMAQLNPDVMPRLRINDMYAQILRSSRGES  337
consensus                                   *!*  ! *   * *  !! !* !! !! ! !!*     !***!*!!!*!!!* * !*  !!*! *!!! !!  !! ** ! ! *

logo

NTDB id 94206 NGJ22 RS19655 WP 022649530.1  DNQYIRSNLQEARWLIKSLESRNDTLLRVSRCIVEQQQAFFEQGEEFMKPMVLADIAQAVEMHESTISRVTTQKYLHSPRGIFEL  399
NTDB id 1425 RS RS02020 WP 011000369.1      GAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLREIADTLGLHESTISRVTTNKYMATPMGTFEL  422
consensus                                       *   !!!!!!!!! *  ! !!*!!!! *!!! !  !! *!!  !*!*!! *!!  * *!!!!!!!!!!*!!***! ! !!!

logo

NTDB id 94206 NGJ22 RS19655 WP 022649530.1  KYFFSSHVNTEGGGEASSTAIRALVKKLIAAENPAKPLSDSKLTTMLSDQGIMVARRTVAKYRESLSIPPSNQRKQLV  477
NTDB id 1425 RS RS02020 WP 011000369.1      KYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGEQGFVVARRTVAKYREALKIPAVNLRKSL.  499
consensus                                   !!!! !!! !! !! !!!!!!!!!*! !**!! !  !!!!!**  *! *!! *!!!!!!!!!!! ! !!* ! !! !*
```

X non conserved

X similar

X ≥ 50% conserved