```
logo
NTDB id 1005961 ABKP29 RS19460 WP 022649530.1  MKQGLQLRLSQQLAMTPQLQQAIRLLQLSTLELQQELQQALDSNPLLEQTDLHDEVDAQQTQDTETLDSVDALEQKEMPE   80
NTDB id 1425 RS RS02020 WP 011000369.1         MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADG.SVNALQSSSATPLPT   79
consensus                                      !!! !!!!!!!*!!*!!!!!! !!!!!!!!*!!!!!* !!!  !!!!!    * *  !    ! ***  *      **!

logo
NTDB id 1005961 ABKP29 RS19460 WP 022649530.1  ELPLDA...................SWDEIYTAGTPS.......GTRADYQDDELPVYQGETTQSLQDYLMWQVELTPFSD   135
NTDB id 1425 RS RS02020 WP 011000369.1         ESPPPAANGADHADTAEASYENGSDFDSDYGTERSDWSLDDFARKPQSDEDDRAPMQLREAEPTQREFLMEQLAPLKLSP   159
consensus                                      ! !**!****************** *!  !    * *******  *    !!  !*   !  **  **!! !* * * !*

logo
NTDB id 1005961 ABKP29 RS19460 WP 022649530.1  TDRAIATSIVDAVDDTGYLTVTLDEILESIG.DDEIELEEIEAVLKRVQRFDPIGVAAKDLRDCLLIQLSQFAKETPWID   214
NTDB id 1425 RS RS02020 WP 011000369.1         RDKGLVIFLIESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDS..PAKP   237
consensus                                       !***   *** *!! !!!! *!!!!!  **** !*!!*!* ! !* *! !!! !**!*   *!! *!!     **!  *

logo
NTDB id 1005961 ABKP29 RS19460 WP 022649530.1  EARLIISEHLDLLANHDFRTLMRVTRLKEEVLKEAVNLIQSLDPRPGQSIQTSEPEYVIPDVLVRKHNGRWVVELNADSI   294
NTDB id 1425 RS RS02020 WP 011000369.1         LALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKTAAGWMAQLNPDVM   317
consensus                                       !  !*  !!*!!! *!*  ! *   * *  !! !* !! !! ! !!*     !***!*!!!*!!!* * !*  !!*! *

logo
NTDB id 1005961 ABKP29 RS19460 WP 022649530.1  PRLQINQQYASMCTSARNDADNQYIRSNLQEARWLIKSLESRNDTLLRVSRCIVEQQQAFFEQGEEFMKPMVLADIAQAV   374
NTDB id 1425 RS RS02020 WP 011000369.1         PRLRINDMYAQILRSSRGESGAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLREIADTL   397
consensus                                      !!! !!  !! ** ! ! *     *   !!!!!!!!! *  ! !!*!!!! *!!! !  !! *!!  !*!*!! *!!  *

logo
NTDB id 1005961 ABKP29 RS19460 WP 022649530.1  EMHESTISRVTTQKYLHSPRGIFELKYFFSSHVNTEGGGEASSTAIRALVKKLIAAENPAKPLSDSKLTTMLSDQGIMVA   454
NTDB id 1425 RS RS02020 WP 011000369.1         GLHESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGEQGFVVA   477
consensus                                       *!!!!!!!!!!*!!***! ! !!!!!!! !!! !! !! !!!!!!!!!*! !**!! !  !!!!!**  *! *!! *!!

logo
NTDB id 1005961 ABKP29 RS19460 WP 022649530.1  RRTVAKYRESLSIPPSNQRKQLV   477
NTDB id 1425 RS RS02020 WP 011000369.1         RRTVAKYREALKIPAVNLRKSL.   499
consensus                                      !!!!!!!!! ! !!* ! !! !*
```

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