```
logo
NTDB id 342885 EUB48 RS01295 WP 142817193.1  MKQGLSLRLSQHLALTPQLQQSIRLLQLSTLELSQEVEQMLDDNPFLEVAELEAP.REEFGLAQSDTRVREDDRDTDFAT   79
NTDB id 1425 RS RS02020 WP 011000369.1       MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADGSVNALQ.SSSATPLPT   79
consensus                                    !!! ! !!*!!!!!!!!!!!!!!!!!!!!!!*!! !!!!! ! *!! !!      **    !   !   * *    !* *!

logo
NTDB id 342885 EUB48 RS01295 WP 142817193.1  NSVA....GS..QDDMRATAQNDAEFPLSGRDEEQSWDGDGTSEVRPDDSEWGGDAPARSNNLGDADAMDATELAGSQES  153
NTDB id 1425 RS RS02020 WP 011000369.1       ESPPPAANGADHADTAEASYENGSDF...............DSDYGTERSDWSLDDFARKPQSDED.DRAPMQLREAEPT  143
consensus                                     !******! ** !   !*  !  *!*************** !*  ** !*!  ! *!! **  * *   *  !    **

logo
NTDB id 342885 EUB48 RS01295 WP 142817193.1  LQSHLHRQALSLRLSQEDRAALHFLIESLNDDGYLEDTLQSLAEGLAGTDEAQVEELVQCFTVALSLLQHLEPTGVGARH  233
NTDB id 1425 RS RS02020 WP 011000369.1       QREFLMEQLAPLKLSPRDKGLVIFLIESLDDEGYLTGSLDEILADLPAELEVELD....ELQAALRMLQSFDPAGIGARS  219
consensus                                       *!* !  *!*!!* !** **!!!!!! !*!!!  *!  *   !**  !  *******   !! *!!* *!  !*!!!*

logo
NTDB id 342885 EUB48 RS01295 WP 142817193.1  LGECLALQLRALQDFDHGDPARQEVVEVALRMCAQPMDLLARRDVRRLVQLCGATEAQVKAAMALIGRLEPKPGRRFVQV  313
NTDB id 1425 RS RS02020 WP 011000369.1       AAECLTLQLQRLDSPA.........KPLALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRA  290
consensus                                     *!!! !!!  !  * ********* **!! ** ! **!!! !!  !!   *   ** *!!!* !!  ! ! !!* !

logo
NTDB id 342885 EUB48 RS01295 WP 142817193.1  ERNIVVPDVIVTNVGRGGQPKFRVQLNPDVMPRLRVHDIYANALKQHKSGGRDASNHAALQQRLQEARWFIKNIQQRFDT  393
NTDB id 1425 RS RS02020 WP 011000369.1       EADFVVPDVVVRKTAA....GWMAQLNPDVMPRLRINDMYAQILRSSR....GESGAANLQQKLQEARWLIKNIQQRFDT  362
consensus                                    !   !!!!!*!   * **** *  !!!!!!!!!!!**!*!!* !* ******  ! *! !!!*!!!!!! !!!!!!!!!!

logo
NTDB id 342885 EUB48 RS01295 WP 142817193.1  ILRVANAIVERQKSFFVHGELAMRPLVLREIADELGLHESTISRVTTAKYMATPYGTFELKYFFGSGLGTETGGNASSTA  473
NTDB id 1425 RS RS02020 WP 011000369.1       ILRVSQAIVERQKSFFTHGEIAMRPLVLREIADTLGLHESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTA  442
consensus                                    !!!!  *!!!!!!!!!!  !!!*!!!!!!!!!!!! !!!!!!!!!!!!! !!!!!! !!!!!!!!!!!** !!!!! !!!!!

logo
NTDB id 342885 EUB48 RS01295 WP 142817193.1  VRALIKQFVAAEDPCKPLSDNQIADMLKEQGIECARRTVAKYREALRIAPTNLRKTL  530
NTDB id 1425 RS RS02020 WP 011000369.1       IRALIKQLVGAEDPKNPLSDSRIAELLGEQGFVVARRTVAKYREALKIPAVNLRKSL  499
consensus                                    *!!!!!! !*!!!!* !!!!  !!**! !!!  *!!!!!!!!!!!!!*!** !!!!*!
```

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