```
logo
NTDB id 213613 AO536 RS03670 WP 012202606.1  MKPGLSLRVSQHLSLTPQLQQSIQLLQLSTLELAQEVEQMLGDNPFLELANEEGDHDAAAGTREPAAPGAEATESFQESR   80
NTDB id 1425 RS RS02020 WP 011000369.1       MKGSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADGSVNA.......LQSSS   73
consensus                                    !!* ! !!*!!!! !!!!!!!!! !!!!!!*!! !!!!! ! *!! !!  !!  !* ! !   *  ******** ! !

logo

NTDB id 213613 AO536 RS03670 WP 012202606.1  ADQPSAAVEWEPSSDASSGDAVETSGTAE.SLSWEGDGQTNSGNDDRDWGSDAPSSRTRGQGEEDEADATELARSAESLT  159
NTDB id 1425 RS RS02020 WP 011000369.1       .ATPLPT.E.SPPPAANGADH...ADTAEASYENGSDFDSDYGTERSDWSLDDFARKP..QSDEDDRAPMQLREAEPTQR  145
consensus                                    *  ! * *!* !** !  *!****  !!!*!     !  *  ! *  !!  ! *  ****! *!!*  *  !    **

logo

NTDB id 213613 AO536 RS03670 WP 012202606.1  DHLHRQALSLRLGEVDRAALRFLIENLNDDGYLEDPLDELAQGLAGDDLEECEELVHRFTVALRLLQSLEPVGVGARDLA  239
NTDB id 1425 RS RS02020 WP 011000369.1       EFLMEQLAPLKLSPRDKGLVIFLIESLDDEGYLTGSLDEILADLPAEL....EVELDELQAALRMLQSFDPAGIGARSAA  221
consensus                                    **!* !  *!*! * !** * !!!! ! !*!!!  *!!!*   !*** ****!  **    !!!*!!! *! !*!!!  !

logo

NTDB id 213613 AO536 RS03670 WP 012202606.1  ECLTLQLRDQLADAEREGSGSAEDEDRQAVLRTALDICAQPMDLLARRDLRKLASLCGAREERLREALVLITRLEPRPGR  319
NTDB id 1425 RS RS02020 WP 011000369.1       ECLTLQLQRLDSPA................KPLALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGH  285
consensus                                    !!!!!!!     *!*************** * !! !* ! **!!! !!  *!   *   *  !* !* !!   ! ! !!*

logo

NTDB id 213613 AO536 RS03670 WP 012202606.1  RFADVQRQIVVPDVIVRPVRSGAGRMDFSVQLNPDVMPKLRVHDIYASALRSHRGSECHAALQQRLQEARWFIKNIQQRF  399
NTDB id 1425 RS RS02020 WP 011000369.1       AFGRAEADFVVPDVVVRKTAA.....GWMAQLNPDVMPRLRINDMYAQILRSSRGESGAANLQQKLQEARWLIKNIQQRF  360
consensus                                     !*       !!!!!*!!*   ***** *  !!!!!!!!*!!**!*!!  !!!*!!  !*! !!!*!!!!!! !!!!!!!!

logo

NTDB id 213613 AO536 RS03670 WP 012202606.1  DTILRVSQAIVERQKNFFVHGELAMRPLVLREIADALGLHESTISRVTTAKYMATPQGTYELKYFFGSGLGTEAGGNASS  479
NTDB id 1425 RS RS02020 WP 011000369.1       DTILRVSQAIVERQKSFFTHGEIAMRPLVLREIADTLGLHESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASS  440
consensus                                    !!!!!!!!!!!!!!!  !!  !!!*!!!!!!!!*!!!  !!!!!!!!!!!!!  !!!!!!  !!*!!!!!!!!** !!  !!  !!!

logo

NTDB id 213613 AO536 RS03670 WP 012202606.1  TAVRALIKQFVAAEDPKKPLSDNQLADMLKEQGIECARRTVAKYRELLKIPPTTLRKAL  538
NTDB id 1425 RS RS02020 WP 011000369.1       TAIRALIKQLVGAEDPKNPLSDSRIAELLGEQGFVVARRTVAKYREALKIPAVNLRKSL  499
consensus                                    !!*!!!!!! !*!!!!! !!!!  *!**! !!!  *!!!!!!!!!! !!!!*  !!! !
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X non conserved
X similar
X $\geq$ 50% conserved