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logo

NTDB id 172033 AX767 RS12290 WP 068631606.1  MKQGLSLRVSQHLALTPQLQQSIRLLQLSTLELSQEVEQMLDDNPFLERTAEEAARE.EFGLDTSDTPAPREDDRDADFS   79
NTDB id 1425 RS RS02020 WP 011000369.1       MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADGSVN..........ALQ   70
consensus                                    !!! ! !!*!!!!!!!!!!!!!!!!!!!!!!*!! !!!!! ! *!! !!!  !     *  ! ! !  **********

logo

NTDB id 172033 AX767 RS12290 WP 068631606.1  GSTASTSSDDTPSSASSETESPVADVADREPDWEGD..GTVELTPDDGEWGGDAQASGNNLGPNDGSERIDATELARSQE  157
NTDB id 1425 RS RS02020 WP 011000369.1       SSSATPLPTESPPAANGA..DHADT..AEASYENGSDFDSDYGTERSDWSLDDFARK....PQSDEDDRAPMQLREAEP  142
consensus                                     !*!** * **!**!    ****!! ** !* *!  **   *  **  *!  !  !  ****!*   *   *  !    *

logo

NTDB id 172033 AX767 RS12290 WP 068631606.1  SLQSFLHRQALSLRLNANDQAALRFLIESLNDDGYLEDSLPALASGLAGDDNDQFDDLVHHFQVALGLLQSLEPVGVGAR  237
NTDB id 1425 RS RS02020 WP 011000369.1       TQREFLMEQLAPLKLSPRDKGLVIFLIESLDDEGYLTGSLDEILADLPAELEV....ELDELQAALRMLQSFDPAGIGAR  218
consensus                                    *   !!* !  *!*! * ! * * !!!!!! !*!!!  !!* *   !***   **** *** ! !! *!!! *! !*!!!

logo

NTDB id 172033 AX767 RS12290 WP 068631606.1  DLGECLAIQLRALAPANAARESENARQVRKTALLICKQPMELLARRDFKRLATLTRSNEEEVRSALQMIARLEPKPGRRF  317
NTDB id 1425 RS RS02020 WP 011000369.1       SAAECLTLQLQRLDSP...........AKPLALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAF  287
consensus                                      *!!! *!!   ! ************ ** !! !* ! *!!!! !!* !!       * !** !* *!   ! ! !!* !

logo

NTDB id 172033 AX767 RS12290 WP 068631606.1  VDVERNIVVPDVIVTRTGRGATLKFRVMLNPDVMPRLRVHDIYAGALKAHKGE.GSQALSQRLQEARWFIKNIQQRFDTI  396
NTDB id 1425 RS RS02020 WP 011000369.1       GRAEADFVVPDVVVRKTAAG....WMAQLNPDVMPRLRINDMYAQILRSSRGESGAANLQQKLQEARWLIKNIQQRFDTI  363
consensus                                       !    !!!!!*! *!* !*****   !!!!!!!!!!**!*!!  !* **!!*!    ! !*!!!!!! !!!!!!!!!!!

logo

NTDB id 172033 AX767 RS12290 WP 068631606.1  LRVSNAIVERQKSFFVHGELAMRPLVLREIADELGLHESTISRVTTAKYMATPYGTVELKYFFGSALGTETGGNASSTAV  476
NTDB id 1425 RS RS02020 WP 011000369.1       LRVSQAIVERQKSFFTHGEIAMRPLVLREIADTLGLHESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAI  443
consensus                                    !!!!*!!!!!!!!!!  !!!*!!!!!!!!!!!!!  !!!!!!!!!!!!!  !!!!!!  !!  !!!!!!!!** !!!!!  !!!!!*

logo

NTDB id 172033 AX767 RS12290 WP 068631606.1  RALIKQFVTAEDIKKPLSDSQVSEMLKEQGIECARRTVAKYREALRIAPANLRKAL  532
NTDB id 1425 RS RS02020 WP 011000369.1       RALIKQLVGAEDPKNPLSDSRIAELLGEQGFVVARRTVAKYREALKIPAVNLRKSL  499
consensus                                    !!!!!! ! !!!*! !!!!! * !*! !!!  *!!!!!!!!!!!!!*!** !!!! !
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X non conserved
X similar
X $\geq$ 50% conserved