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logo

NTDB id 1129184 FYC31 RS01630 WP 043086293.1  MKQGLQLRLSQQLAMTPQLQQAIRLLQLSTLELQQELQQALESNPLLEQTDLHEEVESPESADTEALDSVDALEQKEMPE   80
NTDB id 1425 RS RS02020 WP 011000369.1        MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADG.SVNALQSSSATPLPT   79
consensus                                     !!! !!!!!!!*!!*!!!!!! !!!!!!!!*!!!!!* !!!  !!!!!    * *   *  !! * *  *      **!

logo

NTDB id 1129184 FYC31 RS01630 WP 043086293.1  ELPLDA..SWDEIYTAGTPSGNGVDY.......................QDDELPVYQGETTQSLQDYLMWQVELTPFSD  135
NTDB id 1425 RS RS02020 WP 011000369.1        ESPPPAANGADHADTAEASYENGSDFDSDYGTERSDWSLDDFARKPQSDEDDRAPMQLREAEPTQREFLMEQLAPLKLSP  159
consensus                                     ! !**!**  !*  !!  *  !! !************************ !!  !*   !  **  **!! !* * * !*

logo

NTDB id 1129184 FYC31 RS01630 WP 043086293.1  TDRAIATSIVDAVDDTGYLTIPIEDILESI.GDADIDIEEVEAVLKRIQRFDPIGVAAKDLRDCLLIQLSQYASDTPWLA  214
NTDB id 1425 RS RS02020 WP 011000369.1        RDKGLVIFLIESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDS..PAKP  237
consensus                                      !***   *** *!! !!!! ****!!  **** *****!* ! !* *! !!! !**!*   *!! *!!    !**!  *

logo

NTDB id 1129184 FYC31 RS01630 WP 043086293.1  EARSIVSDHLDLLANHDFRSLMRVTRMREEVLKEAVTLIQSLDPRPGQSIQTGEPEYVIPDVLVRKVSGRWTVELNSDSI  294
NTDB id 1425 RS RS02020 WP 011000369.1        LALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKTAAGWMAQLNPDVM  317
consensus                                      ! *!!  !!*!!! *!*  ! *   * *  !! !* !! !! ! !!*    *!***!*!!!*!!!  * !   !!*! *

logo

NTDB id 1129184 FYC31 RS01630 WP 043086293.1  PRLQINQHYAGMCNSARSDADSQFIRSNLQEAKWLIKSLESRNDTLLRVSRCIVEQQQAFFDQGEEFMKPMVLADIAQAV  374
NTDB id 1425 RS RS02020 WP 011000369.1        PRLRINDMYAQILRSSRGESGAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLREIADTL  397
consensus                                     !!! !! *!! ** ! ! *     *   !!!!*!!!! *  ! !!*!!!! *!!! !  !! *!!  !*!*!! *!!  *

logo

NTDB id 1129184 FYC31 RS01630 WP 043086293.1  EMHESTISRVTTQKYLHSPRGIFELKYFFSSHVSTEGGGEASSTAIRALVKKLIAAENPAKPLSDSKLTTMLSEQGIMVA  454
NTDB id 1425 RS RS02020 WP 011000369.1        GLHESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGEQGFVVA  477
consensus                                      *!!!!!!!!!!*!!***! ! !!!!!!! !!!!!! !! !!!!!!!!!*! !**!! !  !!!!!**  *! !!! *!!

logo

NTDB id 1129184 FYC31 RS01630 WP 043086293.1  RRTVAKYRESLSIPPSNQRKQLV   477
NTDB id 1425 RS RS02020 WP 011000369.1        RRTVAKYREALKIPAVNLRKSL.   499
consensus                                     !!!!!!!!! ! !!* ! !! !*
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X non conserved
X similar
X $\geq$ 50% conserved