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logo

NTDB id 1092807 ACLUPT RS03510 WP 237678337.1  MKQGLSLRVSQHLALTPQLQQSIRLLQLSTLELSQEVEQMLDENPFLERTAEEAARE.EFGLDAVDTPVQRDEVAEAGEG   79
NTDB id 1425 RS RS02020 WP 011000369.1         MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADGSVNALQSSSATP.LPT   79
consensus                                      !!!  !  !!*!!!!!!!!!!!!!!!!!!!!!*!! !!!!! ! !!! !!!   !     *  ! !*   **!     ** *

logo

NTDB id 1092807 ACLUPT RS03510 WP 237678337.1  DFTPPSASTSTASTETSTTAADSDGPAAEIAEREPDWEGDGTVDMAPDDSEWGSDAPARQNNLGDDERADATELARSQES  159
NTDB id 1425 RS RS02020 WP 011000369.1         E.SPPPAANG..........ADH....ADTAEASYENGSDFDSDYGTERSDWSLDDFARKPQSDEDDRA.PMQLREAEPT  143
consensus                                      ***!!*!   **********!!*****!* !!  **   !   ! *** !*!  ! *!! **  *!*!!**  !    **

logo

NTDB id 1092807 ACLUPT RS03510 WP 237678337.1  LQSFLHRQALSLRLSENDSAALRFLIESLNDDGYLEDSLPALASGLAGDDNDQFDDLVHHFQVALGLLQSLEPVGVGARD  239
NTDB id 1425 RS RS02020 WP 011000369.1         QREFLMEQLAPLKLSPRDKGLVIFLIESLDDEGYLTGSLDEILADLPAELEV....ELDELQAALRMLQSFDPAGIGARS  219
consensus                                         !!* !  *!*!!* ! * * !!!!!! !*!!!  !!* *   !***   **** *** ! !! *!!! *! !*!!!

logo

NTDB id 1092807 ACLUPT RS03510 WP 237678337.1  LGECLSIQLRALAAEDEDGEEEDRAQVYKTAIAICKQPMELLARRDFKRLATLTRSNEELVRLALQVIARLEPKPGRRFV  319
NTDB id 1425 RS RS02020 WP 011000369.1         AAECLTLQLQRLDSPA...........KPLALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFG  288
consensus                                       *!!!**!!   !  * ********** * !* !* ! *!!!! !!* !!       *  ** !* *!  ! ! !!* !

logo

NTDB id 1092807 ACLUPT RS03510 WP 237678337.1  DVERNIVIPDVIVTKTGRGTNVKFRVMLNPEVMPRLRVHDIYAGALKSHKGE.GSQALSQRLQEARWFIKNIQQRFDTIL  398
NTDB id 1425 RS RS02020 WP 011000369.1         RAEADFVVPDVVVRKTAAG....WMAQLNPDVMPRLRINDMYAQILRSSRGESGAANLQQKLQEARWLIKNIQQRFDTIL  364
consensus                                        !    !*!!!*! !!* !*****   !!!*!!!!!!**!*!!  !*!**!!*!   ! !*!!!!!! !!!!!!!!!!!!

logo

NTDB id 1092807 ACLUPT RS03510 WP 237678337.1  RVSNAIVERQKSYFVHGELAMRPLVLREIADELGLHESTISRVTTAKYMATPFGTVELKYFFGSALGTETGGNASSTAVR  478
NTDB id 1425 RS RS02020 WP 011000369.1         RVSQAIVERQKSFFTHGEIAMRPLVLREIADTLGLHESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIR  444
consensus                                      !!!*!!!!!!!!*!  !!!*!!!!!!!!!!!!!  !!!!!!!!!!!!!  !!!!!!  !!  !!!!!!!!** !!!!!  !!!!!*!

logo

NTDB id 1092807 ACLUPT RS03510 WP 237678337.1  ALIKQFVSSESIKKPLSDSQISEMLKEQGIECARRTVAKYREALRIAPANLRKAL  533
NTDB id 1425 RS RS02020 WP 011000369.1         ALIKQLVGAEDPKNPLSDSRIAELLGEQGFVVARRTVAKYREALKIPAVNLRKSL  499
consensus                                      !!!!! !  ! *! !!!!! ! !*! !!!  *!!!!!!!!!!!!!*!** !!!! !
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X non conserved
X similar
X $\geq$50% conserved