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logo

NTDB id 1058078 ACFU5E RS01945 WP 043140004.1  MKPTLQLRLGQSLTMTPQLQQSIRLLQLSTLELQQEIQQALDNNPLLEQEENEVQETSPE...EPVDASQLDSSDAMAQD   77
NTDB id 1425 RS RS02020 WP 011000369.1         MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADGSVNALQSSSA.....T   75
consensus                                      !!**!!!!! !*! *!!!!!! !!!!!!!!*!!!!!* !!!  !!!!! !   *  * * *** *! ! !  ! *****

logo

NTDB id 1058078 ACFU5E RS01945 WP 043140004.1  QMPDELPVD........TTWEDVYSAGTAQ........S........AGPIHDG..EDSVYQGETTENLQDYLLWQMRLT  131
NTDB id 1425 RS RS02020 WP 011000369.1         PLPTESPPPAANGADHADTAEASYENGSDFDSDYGTERSDWSLDDFARKPQSDEDDRAPMQLREAEPTQREFLMEQLAPL  155
consensus                                      **! ! !********** ! !  !  !*  ********!********  ! *! **  **   !  *   **!* !* *

logo

NTDB id 1058078 ACFU5E RS01945 WP 043140004.1  PFSDLDAAIALAIIDAIDDSGYLTVSLEDIQAAVSSEDVEVELDEVEAVLKRVQHFDPVGIAARSVQECLLIQLGQYAPE  211
NTDB id 1425 RS RS02020 WP 011000369.1         KLSPRDKGLVIFLIESLDDEGYLTGSLDEILADLP.AELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDS.  233
consensus                                      * !* ! ** * *!* *!! !!!! !!**! ! *** **!!!!!* ! !* *!*!!! !!*!!!  !!! *!!    **

logo

NTDB id 1058078 ACFU5E RS01945 WP 043140004.1  LPWLTEAREVINEHMDLLGNRDYRTLARKTRLKESDLKEVLDLIQQLEPRPGNGIIQSDSQYVIPDVTVVKKGTKWVVEL  291
NTDB id 1425 RS RS02020 WP 011000369.1         .PAKPLALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKTAAGWMAQL  312
consensus                                      *!  * !  **! !**!!* !!!  ! *   * * *!!  **!!  ! ! !!**    *  *!*!!! ! ! *  !*  !

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NTDB id 1058078 ACFU5E RS01945 WP 043140004.1  NPDSAPRIRVNETYAAMARQARTSQDTQFIRSHLQEAKWFIKSLESRNDTLLKVASCIVEQQQGFFEYGEEAMKPMVLND  371
NTDB id 1425 RS RS02020 WP 011000369.1         NPDVMPRLRINDMYAQILRSSRGESGAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLRE  392
consensus                                      !!!  !!*!*!* !! * !  !       *  *!!!!*! !! *  ! !!*!*!  *!!! !  !! *!! !!*!*!! *

logo

NTDB id 1058078 ACFU5E RS01945 WP 043140004.1  IAEAVEMHESTISRVTTQKYMHTPRGIFELKFFFSSHVNTEGGGECSSTAIRALIKKLVTAENPAKPLSDSKIADLLAEQ  451
NTDB id 1425 RS RS02020 WP 011000369.1         IADTLGLHESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGEQ  472
consensus                                      !!* * *!!!!!!!!!!!*!!!*!! ! !!!!*!! !!!  !!  !! *!!!!!!!!!! !!  !!  !  !!!!!*!!*!!*!!

logo

NTDB id 1058078 ACFU5E RS01945 WP 043140004.1  GIMVARRTIAKYRESLLIPPSNQRKRLV  479
NTDB id 1425 RS RS02020 WP 011000369.1         GFVVARRTVAKYREALKIPAVNLRKSL.  499
consensus                                      ! *!!!!!*!!!!! ! !!* ! !! !*
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X non conserved
X similar
X $\geq$50% conserved