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logo

NTDB id 96164 OCZ21 RS19165 WP 039040474.1  MKPTLQLRLGQSLTMTPQLQQAIRLLQLSTLELQQEIQQALDNNPLLEQEENEAQETSQTETQDA.SQLDSSDAMAQESMPDELP   84
NTDB id 1425 RS RS02020 WP 011000369.1      MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADGSVNALQSSS...ATPLPTESP   82
consensus                                   !!**!!!!! !*! *!!!!!! !!!!!!!!*!!!!!* !!!  !!!!! !      *        *  ! !! ***  **! ! !

logo

NTDB id 96164 OCZ21 RS19165 WP 039040474.1  VDT........TWDEVYSAGTA........QS........AGPIHDG..EDSVYQGETTENLQDYLLWQMRLTPFSDVDAAIALA   143
NTDB id 1425 RS RS02020 WP 011000369.1      PPAANGADHADTAEASYENGSDFDSDYGTERSDWSLDDFARKPQSDEDDRAPMQLREAEPTQREFLMEQLAPLKLSPRDKGLVIF   167
consensus                                   ** ********! *  !  !* ******** !********  ! *! **  **   !  *   **!* !* * * !* ! ** *

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NTDB id 96164 OCZ21 RS19165 WP 039040474.1  IIDAIDESGYLTATLEDIQAAVSSEEVEVELDEIEAVLKRVQHFDPVGIAARSVQECLLIQLGQYSPDLPWLDEAREVIREHMDL   228
NTDB id 1425 RS RS02020 WP 011000369.1      LIESLDDEGYLTGSLDEILADLP.AELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDS..PAKPLALTIVNQHLEL   249
consensus                                   *!* *!* !!!!**!**! ! *** !*!!!!!!* ! !* *!*!!! !!*!!!  !!! *!!    ***!  * !  **  !**!

logo

NTDB id 96164 OCZ21 RS19165 WP 039040474.1  LGNRDYRTLARKTRLKESDLKEVLDLIQQLEPRPGNGIIQSESQYVVIPDVSVVKKGSKWVVELNPDSAPRIRVNEAYAAMARNAR   313
NTDB id 1425 RS RS02020 WP 011000369.1      LAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKTAAGWMAQLNPDVMPRLRINDMYAQILRSSR   334
consensus                                   !* !!!  ! *   * * *!!  **!!  ! ! !!**    !  *!*!!! ! ! *  !*  !!!!  !!*!*!* !! * !  !

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NTDB id 96164 OCZ21 RS19165 WP 039040474.1  SSTDTQFIRSHLQEAKWFIKSLESRNDTLLKVASCIVEQQQGFFEYGEEAMKPMVLNDIAEAVEMHESTISRVTTQKYMHTPRGI   398
NTDB id 1425 RS RS02020 WP 011000369.1      GESGAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLREIADTLGLHESTISRVTTNKYMATPMGT   419
consensus                                     *    *  *!!!!*! !! *  ! !!*!*!  *!!! !  !! *!! !!*!*!! *!!* * *!!!!!!!!!!*!!!*!! !

logo

NTDB id 96164 OCZ21 RS19165 WP 039040474.1  FELKFFFSSHVNTEGGGECSSTAIRALIKKLVTAENPAKPLSDSKIADLLAEQGIMVARRTIAKYRESLLIPPSNQRKRLV   479
NTDB id 1425 RS RS02020 WP 011000369.1      FELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGEQGFVVARRTVAKYREALKIPAVNLRKSL.   499
consensus                                   !!!!*!! !!! !! !! *!!!!!!!!!! !! !! !  !!!!!*!!*!!*!!! *!!!!!*!!!!! ! !!* ! !! !*
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X non conserved

X similar

X ≥50% conserved