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logo

NTDB id 159075 NI40 RS19810 WP 023309360.1  MKQGLQLRLSQQLAMTPQLQQAIRLLQLSTLELQQELQQALDSNPLLEQTDLHDEVDTQQSQDTEALDTADALEQKEMPDELPLD   85
NTDB id 1425 RS RS02020 WP 011000369.1      MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADGS.VNALQSSSATPLPTESPPP   84
consensus                                   !!! !!!!!!!*!!*!!!!!! !!!!!!!!*!!!!!* !!!  !!!!!    * *       !  **         **! ! !**

logo

NTDB id 159075 NI40 RS19810 WP 023309360.1  ...................ASWDEIYTAGTPS.......GTRADYQDDELPVYQGETTQSLQDYLMWQVELTPFSDTDRAIATSIV   145
NTDB id 1425 RS RS02020 WP 011000369.1      AANGADHADTAEASYENGSDFDSDYGTERSDWSLDDFARKPQSDEDDRAPMQLREAEPTQREFLMEQLAPLKLSPRDKGLVIFLI   169
consensus                                   ******************  *!  !    * *******  *    !!  !*   !  **  **!! !* * * !* !***   **

logo

NTDB id 159075 NI40 RS19810 WP 023309360.1  DAVDDTGYLTVTLDDILESMG.DDEIELEEVEAVLKRIQRFDPVGVAAKDLRDCLLIQLSQFSKETPWIDEARLIISDHLDLLAN   229
NTDB id 1425 RS RS02020 WP 011000369.1      ESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDS..PAKPLALTIVNQHLELLAA   252
consensus                                   * *!! !!!! *!!*!!  **** !*!!*!* ! !* *! !!! !**!*   *!! *!!     **!  * !  !*  !!*!!!

logo

NTDB id 159075 NI40 RS19810 WP 023309360.1  HDFRSLMRVTRLKEEVLKEAVNLIQSLDPRPGQSIQTSEPEYVIPDVLVRKHNDRWVVELNSDSIPRLQINQQYASMCTSARNDS   314
NTDB id 1425 RS RS02020 WP 011000369.1      RDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKTAAGWMAQLNPDVMPRLRINDMYAQILRSSRGES   337
consensus                                   *!*  ! *   * *  !! !* !! !! ! !!*     !***!*!!!*!!!*   !*  !!*! *!!! !!  !! ** ! ! *!

logo

NTDB id 159075 NI40 RS19810 WP 023309360.1  DNQYIRSNLQEARWLIKSLESRNDTLLRVSRCIVEQQQAFFEQGEEYMKPMVLADIAQAVEMHESTISRVTTQKYLHSPRGIFEL   399
NTDB id 1425 RS RS02020 WP 011000369.1      GAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLREIADTLGLHESTISRVTTNKYMATPMGTFEL   422
consensus                                       *   !!!!!!!!! *  ! !!*!!!! *!!! !  !! *!!  !*!*!! *!!  * *!!!!!!!!!!*!!***! ! !!!

logo

NTDB id 159075 NI40 RS19810 WP 023309360.1  KYFFSSHVNTEGGGEASSTAIRALVKKLIAAENPAKPLSDSKLTTMLSDQGIMVARRTVAKYRESLSIPPSNQRKQLV   477
NTDB id 1425 RS RS02020 WP 011000369.1      KYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGEQGFVVARRTVAKYREALKIPAVNLRKSL.   499
consensus                                   !!!! !!! !! !! !!!!!!!!!*! !**!! !  !!!!!**  *! *!! *!!!!!!!!!!! ! !!* ! !! !*
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X non conserved

X similar

X ≥ 50% conserved