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logo

NTDB id 76996 H7K58 RS02305 WP 182787431.1  MKPTLQLRLGQSLTMTPQLQQAIRLLQLSTLELQQEIQQALDNNPLLEQEENEAHETSPIEPQDASQLDSCDAMAQDKMPDELPV   85
NTDB id 1425 RS RS02020 WP 011000369.1      MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADGSV..NALQSSSATPLPTESPP   83
consensus                                   !!**!!!!! !*! *!!!!!! !!!!!!!!*!!!!!* !!!  !!!!! !    * * *! *    **  *      **! ! !*

logo

NTDB id 76996 H7K58 RS02305 WP 182787431.1  ..................DTTWDEVYSAGTAQ......SAGPIHDG..EDSVYQGETTENLQDYLLWQMRLTPFSDLDAAIALAI   144
NTDB id 1425 RS RS02020 WP 011000369.1      PAANGADHADTAEASYENGSDFDSDYGTERSDWSLDDFARKPQSDEDDRAPMQLREAEPTQREFLMEQLAPLKLSPRDKGLVIFL   168
consensus                                   ****************** * *!  !      ******   ! *! **  **   !  *   **!* !* * * !* ! ** * *

logo

NTDB id 76996 H7K58 RS02305 WP 182787431.1  IDAIDESGYLTVSLEDIQAAVSSEEVEVELDEVEAVLKRVQHFDPVGIAARSVQECLLIQLGQYSPDLPWLNEAREVIREHMDLL   229
NTDB id 1425 RS RS02020 WP 011000369.1      IESLDDEGYLTGSLDEILADLP.AELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDS..PAKPLALTIVNQHLELL   250
consensus                                   !* *!* !!!! !!**! ! *** !*!!!!!!* ! !* *!*!!! !!*!!!  !!! *!!    ***!  * !  **  !**!!

logo

NTDB id 76996 H7K58 RS02305 WP 182787431.1  GNRDYRTLARKTRLKESDLKEVLDLIQQLEPRPGNGIIQSESQYVIPDVSVVKKGAKWVVELNPDSAPRIRVNEAYAAMARNARS   314
NTDB id 1425 RS RS02020 WP 011000369.1      AARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKTAAGWMAQLNPDVMPRLRINDMYAQILRSSRG   335
consensus                                   * !!!  ! *   * * *!!  **!!  ! ! !!**    !  *!*!!! ! ! *! !*  !!!!  !!*!*!* !! * !  !

logo

NTDB id 76996 H7K58 RS02305 WP 182787431.1  STDTQFIRSHLQEAKWFIKSLESRNDTLLKVASCIVEQQQGFFEYGEEAMKPMVLNDIAEAVEMHESTISRVTTQKYMHTPRGIF   399
NTDB id 1425 RS RS02020 WP 011000369.1      ESGAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLREIADTLGLHESTISRVTTNKYMATPMGTF   420
consensus                                    *    *  *!!!!*! !! *  ! !!*!*!  *!!! !  !! *!! !!*!*!! *!!* * *!!!!!!!!!!*!!!*!! ! !

logo

NTDB id 76996 H7K58 RS02305 WP 182787431.1  ELKFFFSSHVNTEGGGECSSTAIRALIKKLVTAENPAKPLSDSKIADLLAEQGIMVARRTIAKYRESLLIPPSNQRKRLV   479
NTDB id 1425 RS RS02020 WP 011000369.1      ELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGEQGFVVARRTVAKYREALKIPAVNLRKSL.   499
consensus                                   !!!*!! !!! !! !! *!!!!!!!!!! !! !! !  !!!!!*!!*!!*!!! *!!!!!*!!!!! ! !!* ! !! !*
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X non conserved

X similar

X ≥50% conserved