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logo

NTDB id 371457 IHMA87 RS24480 WP 034080943.1  MKPSLVLKMGQQLTMTPQLQQAIRLLQLSTLDLQQEIQEALESNPMLERQEDGDDFDGSDPLADGAEQATSAPQESALQ.   79
NTDB id 1425 RS RS02020 WP 011000369.1        MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIG.ADGSVNALQSSSATPLPT   79
consensus                                     !!*!! !** !*! *!!!!!! !!!!!!!!**!!!!*  !!  !!*!!!  *  !  *  **!!!  *!   *  **!**

logo

NTDB id 371457 IHMA87 RS24480 WP 034080943.1  ESTTPSVESLDDDQWSERIPSELPVDTAWEDIYQTSA........SSLPSSDDDEWDFTARTSSGESLHSHLLWQVNLAP   151
NTDB id 1425 RS RS02020 WP 011000369.1        ESPPPAANGADHAD...TAEASYENGSDFDSDYGTERSDWSLDDFARKPQSDEDDRAPMQLREAEPTQREFLMEQLAPLK   156
consensus                                     !!**!     !*  ***  *   *  * **  ! !  ********   ! !!*!*  *       ** * *!* !* * *

logo

NTDB id 371457 IHMA87 RS24480 WP 034080943.1  MSDTDRMIAVTIIDSINNDGYLEESLEEILAALDPELDVELDEVEVVLRRIQQLEPAGIGARNLRECLLLQLRQLPPATP   231
NTDB id 1425 RS RS02020 WP 011000369.1        LSPRDKGLVIFLIESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDSP..   234
consensus                                     *!* !* * * *!*!*  *!!!  !!*!!!! !**!!*!!!!!*   !! *!  *!!!!!!!   !!! !!!  !*****

logo

NTDB id 371457 IHMA87 RS24480 WP 034080943.1  WLDEALRLVSDYLDLLGGRDYGQLMRRMKLKEDELRLVIELIQCLHPRPGSQIESSEAEYIVPDVIVRKDNERWLVELNQ   311
NTDB id 1425 RS RS02020 WP 011000369.1        AKPLALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKTAAGWMAQLNP   314
consensus                                       * !! *!  *!*!!**!!!  ! * * * * !!*  *!!! *!*! !!*     !!***!!!!*!!!    !*  !!*

logo

NTDB id 371457 IHMA87 RS24480 WP 034080943.1  EAMPRLRVNATYAGMVRRADSSADNTFMRNQLQEARWFIKSLQSRNETLMKVATQIVEHQRGFLDYGEEAMKPLVLHDIA   391
NTDB id 1425 RS RS02020 WP 011000369.1        DVMPRLRINDMYAQILRSSRGESGAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLVLREIA   394
consensus                                     * !!!!!*!  !! **!          * * !!!!!! !! *! ! *!***!   !!!*!* !  *!! !!*!!!!**!!

logo

NTDB id 371457 IHMA87 RS24480 WP 034080943.1  EAVGMHESTISRVTTQKYMHTPRGIFELKYFFSSHVSTAEGGECSSTAIRAIIKKLVAAENAKKPLSDSKIAGLLEAQGI   471
NTDB id 1425 RS RS02020 WP 011000369.1        DTLGLHESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELLGEQGF   474
consensus                                     * *!*!!!!!!!!!!*!!!*!! ! !!!!!!! !!!!!  !! *!!!!!!!*!! !!*!! *! !!!!!*!! !!  !!

logo

NTDB id 371457 IHMA87 RS24480 WP 034080943.1  QVARRTVAKYRESLGIAPSSERKRLV   497
NTDB id 1425 RS RS02020 WP 011000369.1        VVARRTVAKYREALKIPAVNLRKSL.   499
consensus                                      !!!!!!!!!!! ! !**   !! !*
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X non conserved
X similar
X $\geq$ 50% conserved