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logo
NTDB id 153575 AKI39 RS00745 WP 066631534.1  MQNIVPMTRHALELRPGQHLALTPQLQQSIRMLQLSTLALEAEISQALDENPLLERDEDPAAEDIDSNREESA.....HE   75
NTDB id 1425 RS RS02020 WP 011000369.1       .......MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADGSVNALQSSS   73
consensus                                    ******* ** ! !!* !!!!!!!!!!!!!!*!!!!!* !  !* !!! !!!!!!!* **         * ! ******

logo
NTDB id 153575 AKI39 RS00745 WP 066631534.1  DDPTPEREPA.......................................VDEMPGAKGVHADDDSDMPEAARGETLREHLLGQLA  121
NTDB id 1425 RS RS02020 WP 011000369.1       ATPLPTESPPPAANGADHADTAEASYENGSDFDSDYGTERSDWSLDDFARKPQSDEDDRAPMQLREAEPTQREFLMEQLA  153
consensus                                      ! !   !*************************************!* *  *  * !!  *!*     *! !!*!* !!!

logo
NTDB id 153575 AKI39 RS00745 WP 066631534.1  LTRAGHRDAALVALLIDELDDNGYLGSPLEEILGWLPAEIETDLDELRAALRLLQSFDPPGIGARDMAECLVLQLREPDL  201
NTDB id 1425 RS RS02020 WP 011000369.1       PLKLSPRDKGLVIFLIESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDS  233
consensus                                    * *   !! *!!  !!* !!! !!!  *!*!!!* !!!!*! *!!!! !!!!*!!!!!!*!!!!!  !!!! !!!   *!

logo
NTDB id 153575 AKI39 RS00745 WP 066631534.1  AALPEAAAPAVLACARRVCAEHLPLLAGANAARLREALQCDDATVRGARALILKLDFRPGRRWTVPVADYAIPDVIVRKA  281
NTDB id 1425 RS RS02020 WP 011000369.1       PAKPL.........ALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKT  304
consensus                                    *! ! *********!  **  !!*!!!*    !!* !! *!!* ***!* !!  ! ! !!* *  * !!* *!!!*!!!

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NTDB id 153575 AKI39 RS00745 WP 066631534.1  RQGWRVVLNSAAMPRLRINGVYAQMLGNQREAS.HSALHAQLQQARWMIRNVEQRFDTILRVAQAIVNHQSAFFSQGPSA  360
NTDB id 1425 RS RS02020 WP 011000369.1       AAGWMAQLNPDVMPRLRINDMYAQILRSSRGESGAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIA  384
consensus                                      !!    !!*  !!!!!!! *!!!*!   !  !**  !*  !! !!!*!*!* !!!!!!!!! !!!! *!  !!**!* !

logo
NTDB id 153575 AKI39 RS00745 WP 066631534.1  MRPLILKDIAGELGLHESTISRATTQKYLLTPFGTMELKDFFGAGVATDSGDAASATAVQAHIKRLVSEENRAKPLSDNQ  440
NTDB id 1425 RS RS02020 WP 011000369.1       MRPLVLREIADTLGLHESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSR  464
consensus                                    !!!!*!**!!   !!!!!!!!!! !!*!!* !! !! !!! !!! *! !**! !!! !!* !*!! !!   ! *   !!!!

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NTDB id 153575 AKI39 RS00745 WP 066631534.1  LMLKLAEQGIVIARRTVAKYRESMRIAPASVRKAQAALR  479
NTDB id 1425 RS RS02020 WP 011000369.1       IAELLGEQGFVVARRTVAKYREALKIPAVNLRKSL....  499
consensus                                    *   !*!!! !*!!!!!!!!!! **!**  *!!  ****
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X non conserved
X similar
X $\geq$ 50% conserved