```
logo
NTDB id 668271 MP579 RS02625 WP 034355230.1  MKPGLSLRVSQHLSLTPQLQQSIQLLQLSTLELAQEVEQMLVDNPFLERAGDEAETAGDAPVDVANSASEYSTSDGIHAE   80
NTDB id 1425 RS RS02020 WP 011000369.1       MKGSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADGSVNALQSSSATPLPTE   80
consensus                                    !!* ! !!*!!!! !!!!!!!!! !!!!!!*!! !!!!! ! *!! !!!  *  *! *  * !    !  !*  **  !

logo

NTDB id 668271 MP579 RS02625 WP 034355230.1  RDASQAQQATETVAEASNPETPETLNWEAEGLDGQDGEWGGESSSEWDTPSASSSTRNRDGDDETDAIDLAREHQSLTDF  160
NTDB id 1425 RS RS02020 WP 011000369.1       SPPPAA..........NGADHADTAEASYENGSDFDSDYGT.ERSDWSLDDFARKP..QSDEDDRAPMQLREAEPTQREF  147
consensus                                     *** !**********  *****!     !     ! **! *  !*!  *     ***   *!*  ** !   ***  *!

logo

NTDB id 668271 MP579 RS02625 WP 034355230.1  LHRQALSLHLGAADMAALRFLIESLSDDGYLEDSLQELAQSLAGDDLEEREELEQHFVIALKLLQSLEPVGVGARDLAEC  240
NTDB id 1425 RS RS02020 WP 011000369.1       LMEQLAPLKLSPRDKGLVIFLIESLDDEGYLTGSLDEILADLPAELEVEL....DELQAALRMLQSFDPAGIGARSAAEC  223
consensus                                    !* !  *!*! * ! * * !!!!!! !*!!!  !! !*   !***   ! **** *   !!**!!! *! !*!!!  !!!

logo

NTDB id 668271 MP579 RS02625 WP 034355230.1  LQLQLRDLIRTAEDEGTTEAHMNRLLLAQAICAQPMDLLARRDLRKLTSLCGAREEQLREAMALIARLEPRPGRRFVDVE  320
NTDB id 1425 RS RS02020 WP 011000369.1       LTLQLQRLDSPAKP............LALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAE  291
consensus                                    ! !!!   !  *! *************!!  !* ! **!!! !!  *!   *   *  !* !* !!  ! ! !!* !   !

logo

NTDB id 668271 MP579 RS02625 WP 034355230.1  RHIVVPDVIVRPLRSGSGRVDFSVQLNPEVMPRLRVHDIYAGVLRRHKNSDGHAALQQQLQEARWFIKNIQQRFDTILRV  400
NTDB id 1425 RS RS02020 WP 011000369.1       ADFVVPDVVVRKTAA.....GWMAQLNPDVMPRLRINDMYAQILRSSRGESGAANLQQKLQEARWLIKNIQQRFDTILRV  366
consensus                                     * !!!!!*!!*   ***** *  !!!!*!!!!!!**!*!! *!! **   !*! !!! !!!!!! !!!!!!!!!!!!!!

logo

NTDB id 668271 MP579 RS02625 WP 034355230.1  SEAIVERQKNFFVHGELAMRPLVLREIADTLGLHESTISRVTTAKYMATPQGTFELKYFFGSGLGTETGGSASSTAVRAL  480
NTDB id 1425 RS RS02020 WP 011000369.1       SQAIVERQKSFFTHGEIAMRPLVLREIADTLGLHESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRAL  446
consensus                                    ! !!!!!!! !! !!!*!!!!!!!!*!!!!!!!!!!!!!!!!! !!!!!! !!!!!!!!!!!** !!!!! !!!!!*!!!

logo

NTDB id 668271 MP579 RS02625 WP 034355230.1  IKQFVDAEDAKKPLSDAKLADMLKEQGIECARRTVAKYREQLKIPTTTLRKAL   533
NTDB id 1425 RS RS02020 WP 011000369.1       IKQLVGAEDPKNPLSDSRIAELLGEQGFVVARRTVAKYREALKIPAVNLRKSL   499
consensus                                    !!! ! !!!*! !!!! **!**! !!!  *!!!!!!!!!! !!!!   !!! !
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X non conserved
X similar
X $\geq$ 50% conserved