```
logo
NTDB id 1115014 BN2297 RS21870 WP 057093927.1  MKPGLSLRVSQHLSLTPQLQQSIQLLQLSTLELAQEVEQMLVDNPFLERAGDEAETVGDAPIDVASASEYSISDGIHAE   80
NTDB id 1425 RS RS02020 WP 011000369.1         MKGSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSARIGADGSVNALQSSSATPLPTE   80
consensus                                      !!* ! !!*!!!! !!!!!!!!! !!!!!!*!! !!!!! ! *!! !!!  *  *! *  * !    !  !*  **  !

logo

NTDB id 1115014 BN2297 RS21870 WP 057093927.1  NDAKQTQTAAETIAETPSAET...PETLNWEADGMDGQDGEWGGESSSEWDTPSASSSIRNRDGDDETDAIDLAREHQSL  157
NTDB id 1425 RS RS02020 WP 011000369.1         S............PPPAANGADHADTAEASYENGSDFDSDYGT.ERSDWSLDDFARKP..QSDEDDRAPMQLREAEPTQ  144
consensus                                       ***************! !  *****!     *     ! **! *  !*!  *     ***   *!*  ** !   ***

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NTDB id 1115014 BN2297 RS21870 WP 057093927.1  TDFLHRQALSLHLGAADMAALRFLIESLSDDGYLEDSLQELAQSLAGDDLEEREELEQHFAIALKLLQSLEPVGVGARDL  237
NTDB id 1425 RS RS02020 WP 011000369.1         REFLMEQLAPLKLSPRDKGLVIFLIESLDDEGYLTGSLDEILADLPAELEVEL....DELQAALRMLQSFDPAGIGARSA  220
consensus                                       *!!* !  *!*! * ! * * !!!!!! !*!!!  !! !*   !***   ! **** *   !!**!!! *! !*!!!

logo

NTDB id 1115014 BN2297 RS21870 WP 057093927.1  AECLQLQLRDLIRTAEDEGTTEAHMSRLLLAQAICAQPMDLLARRDLRKLTSLCGAREEQLREAMALIARLEPRPGRRFV  317
NTDB id 1425 RS RS02020 WP 011000369.1         AECLTLQLQRLDSPAKP............LALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFG  288
consensus                                      !!!! !!!  !  *! *************!!  !* ! **!!! !!  *!   *   *  !* !* !!  ! ! !!* !

logo

NTDB id 1115014 BN2297 RS21870 WP 057093927.1  DVERHIVVPDVIVRPLRAGSGRVDFSVQLNPEVMPRLRVHDIYASVLRRHKNSDGHAALQQQLQEARWFIKNIQQRFDTI  397
NTDB id 1425 RS RS02020 WP 011000369.1         RAEADFVVPDVVVRKTAA.....GWMAQLNPDVMPRLRINDMYAQILRSSRGESGAANLQQKLQEARWLIKNIQQRFDTI  363
consensus                                        ! * !!!!!*!!*  !***** *  !!!!*!!!!!!**!*!! *!! **   !*! !!! !!!!!! !!!!!!!!!!!

logo

NTDB id 1115014 BN2297 RS21870 WP 057093927.1  LRVSEAIVERQKNFFVHGELAMRPLVLRDIADTLGLHESTISRVTTAKYMATPQGTFELKYFFGSGLGTETGGSASSTAV  477
NTDB id 1425 RS RS02020 WP 011000369.1         LRVSQAIVERQKSFFTHGEIAMRPLVLREIADTLGLHESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAI  443
consensus                                      !!!! !!!!!!! !! !!!*!!!!!!!!!*!!!!!!!!!!!!!!!!! !!!!!! !!!!!!!!!!!** !!!!! !!!!!*

logo

NTDB id 1115014 BN2297 RS21870 WP 057093927.1  RALIKQFVDAEDAKKPLSDAKLADMLKEQGIECARRTVAKYREQLKIPTTTLRKAL  533
NTDB id 1425 RS RS02020 WP 011000369.1         RALIKQLVGAEDPKNPLSDSRIAELLGEQGFVVARRTVAKYREALKIPAVNLRKSL  499
consensus                                      !!!!!! ! !!!*! !!!! **!**! !!!  *!!!!!!!!!! !!!!   !!! !
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X non conserved
X similar
X $\geq$50% conserved