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logo

NTDB id 107477 RGQ30 RS01625 WP 130558638.1  MKQSLQLKVSQNLTLTPQLQQSIRLLQLSTLELQQEIQQALAENPLLELADEEAMEGERTLSLDSSNGELHEPKGDSFEA   80
NTDB id 1425 RS RS02020 WP 011000369.1       MKQSLQLRLSQHLALTPQLQQSIRLLQLSTIELQQEVEQALTENPLLERENEWLDTSA.RIGADGSVNALQS.....SSA   74
consensus                                    !!!!!!!**!!*! !!!!!!!!!!!!!!!!*!!!!!* !!! !!!!!!   !       * *  ! !   !* *****  !

logo

NTDB id 107477 RGQ30 RS01625 WP 130558638.1  EPDDPRKAPEPVSDQQAEQDNQGEEIVQRETIDSIEDNWEGDWRDNSGA..NADGDEEKPGLQLAAPDSSLHQHLIDQLRL   158
NTDB id 1425 RS RS02020 WP 011000369.1       TPLPTESPPPAANGADHADTAEASYENGSDFDSDYGTERSDWSLDDFARKPQSDEDDRAPMQLREAEPTQREFLMEQLAP   154
consensus                                     ! !   !*!      * !       *    !!       !!     !***   *******!!  **** * *!**!! *

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NTDB id 107477 RGQ30 RS01625 WP 130558638.1  TQASERDKNLVLWLIDYLSDDGYLTVELEDLWETLQDEPDLEFEELSAALSLLQSFDPPGVGARNASECLLLQLAQRSDI   238
NTDB id 1425 RS RS02020 WP 011000369.1       LKLSPRDKGLVIFLIESLDDEGYLTGSLDEILADLPAELEVELDELQAALRMLQSFDPAGIGARSAAECLTLQLQRLDS.   233
consensus                                       !*!!! !!**!!* ! !*!!!!  !***   !* !***! *!! !!! *!!!!!!*!*!!! ! !!! !!!     *

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NTDB id 107477 RGQ30 RS01625 WP 130558638.1  TCQPSLLGNCQAIIRDHLGLLAQRDFTKLKKALNVDEDVLKVCHQIIRSLEPFPGARFRRIDDDHVVPDVIVKKLSGQWH   318
NTDB id 1425 RS RS02020 WP 011000369.1       PAKP....LALTIVNQHLELLAARDYTRLKKALSVDDGELKAAHELIRSLAPFPGHAFGRAEADFVVPDVVVRKTAAGWM   309
consensus                                    ** !**** *  !*  !! !!! !!*!*!!!!! !!*  !! *! *!!!! !!!!* ! ! * !*!!!!!*!*!  * !*

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NTDB id 107477 RGQ30 RS01625 WP 130558638.1  VQLNPDVMPKIRINEMYASILRSHRGQSA..QLSAQLQEARWLLKNVQQRFDTILRVSQAIVERQIGYFNHGEIAMQPLV   396
NTDB id 1425 RS RS02020 WP 011000369.1       AQLNPDVMPRLRINDMYAQILRSSRGESGAAANLQQKLQEARWLIKNIQQRFDTILRVSQAIVERQKSFFTHGEIAMRPLV   389
consensus                                     !!!!!!!!**!!!*!!! !!!!*!! !****!   !!!!!!!*!!*!!!!!!!!!!!!!!!!!!  *! !!!!!! !!!

logo

NTDB id 107477 RGQ30 RS01625 WP 130558638.1  LREIADLLGLHESTVSRVTTQKYMLTPYGLVELKYFFGSHVSTDSGGQASSTAIRALIKQLISAEDAKQPISDSQIAELL   476
NTDB id 1425 RS RS02020 WP 011000369.1       LREIADTLGLHESTISRVTTNKYMATPMGTFELKYFFGSHVSTETGGAASSTAIRALIKQLVGAEDPKNPLSDSRIAELL   469
consensus                                    !!!!!! !!!!!!!*!!!!!*!!! !! !  !!!!!!!!!!!!**!! !!!!!!!!!!!!!* !!!*!*!*!!! !!!!!

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NTDB id 107477 RGQ30 RS01625 WP 130558638.1  GQQGIVVARRTVAKYRESLKIPPVNMRKSL   506
NTDB id 1425 RS RS02020 WP 011000369.1       GEQGFVVARRTVAKYREALKIPAVNLRKSL   499
consensus                                    ! !! !!!!!!!!!!!! !!!!*!!*!!!!
```

X non conserved
X similar
X $\geq$ 50% conserved