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logo

NTDB id 1128816 FXY87 RS11795 WP 009928728.1  MSKTNALPLREEVPENLTWDLTTIYPNDEGWEQAFTDLQKITEESEQFKGRLSESSQTLYEALQFRDNAYDLISNLYVYA   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1     .....MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYA   75
consensus                                     *****  * ! ***!  !!!!!!!** !  !!  *          * !*! *!   !  !          *  *!!!!

logo

NTDB id 1128816 FXY87 RS11795 WP 009928728.1  HLKMDQDTANAKYQGLHSRAGSLVTKLMSALSYYDPEILAMDESVLKQFLNENKDLQLYAHLLEELNLSRPYILSEKEEA   160
NTDB id 480 HSISS4 RS02090 WP 002890133.1     SMKNDQDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEE   155
consensus                                     **! !!!!  * !!  * *!  ! * !  !  !**!! *!*!*  !  !   * ! !! !  ! !   ****!!   !

logo

NTDB id 1128816 FXY87 RS11795 WP 009928728.1  LLANAGEVLGSSSNTFNTLNNADMKFPTIKDENGEDIEITHGRFGKLLESNDPRVRREAFLGVYSVYEGLKNTLASTLNG   240
NTDB id 480 HSISS4 RS02090 WP 002890133.1     LLAAAGDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQG   235
consensus                                     !!! !!**   ** !!! ! !!!* !! * ! *!* *!*!!! !  !*!! !* *!* !* **!  !!   *! ! !!*!

logo

NTDB id 1128816 FXY87 RS11795 WP 009928728.1  QVKKSNFYASTRGYTSAREAALSGNHIPETVYDSLLKSVNANADLLHRYVKLRKELLGLEELHMYDLYTPLSDDVNLEFT   320
NTDB id 480 HSISS4 RS02090 WP 002890133.1     VVKVHNYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETE.TALT   314
consensus                                      !! *!* !  !*! !!!*!!! *!*!!!*!!!!!! !!! * *!!!!!* !!! *!!!*!!*!!!*!!!!!*  *   !

logo

NTDB id 1128816 FXY87 RS11795 WP 009928728.1  YEEAKELVLEALKPLGDEYQAILKEAFDSRWIDVMENKGKRSGAYSSGSYSTSPYILLNWQDNINNVYTLAHELGHSVHS   400
NTDB id 480 HSISS4 RS02090 WP 002890133.1     YEESLKKAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHS   394
consensus                                     !!!        ! ! * !*!!   ** !!  !!!!!**!!!!!!!!!! ! ! ! ***!!!!!! * !**!! !! !!!*!!

logo

NTDB id 1128816 FXY87 RS11795 WP 009928728.1  YYTRKNQPFVYGDYSIFLAEVASTTNENLLTDYLLKKYKDDPKVRAYLLNHYLDGFKGTVFRQTQFAEFEHAIHQADQEGV   480
NTDB id 480 HSISS4 RS02090 WP 002890133.1     TFTRQTQPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILLNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQ   474
consensus                                      *!!   !!*!!!!!*!!!!!*!!!!!!!*!!* !!!   !*! !  *!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!  !!   !

logo

NTDB id 1128816 FXY87 RS11795 WP 009928728.1  ALTADYLTETYFDINKKYYGEAMVYDAEIGYEWSRIPHFYMNYYVFQYATGFSAASALSAKILTEGQEAVTAYIDFLKAG   560
NTDB id 480 HSISS4 RS02090 WP 002890133.1     ILTADFMNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAG   554
consensus                                      !!!!**    ! !*! !!!         !! *!! !!!!!!!!!!!!*!!!!!! !!! !  !!**   !   !!* *!!!!
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logo
NTDB id 1128816 FXY87 RS11795 WP 009928728.1  SSDYPIDVLKKAGVDMATPNPVDDALKVFEQRLDELEKLVK......  601
NTDB id 480 HSISS4 RS02090 WP 002890133.1     SSDYPLEVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVEKGVHLS  601
consensus                                     !!!!!**!*!!!!!!!  * **! ! !!!! !! !!! !! ******
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X non conserved

X similar

X ≥ 50% conserved