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logo
NTDB id 1047818 AB2Q57 RS11150 WP 058876490.1  MSKTNALPLREEVPENLTWDLTTIYPNDEAWEKAFTDLQKITEESDQFKGRLSESSQTLYEALQFRDKAYDLISNLYVYA   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1      .....MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYA   75
consensus                                      *****  * ! ***!  !!!!!!!** !  !!  *            * !*! *!   !  !           *  *!!!!

logo
NTDB id 1047818 AB2Q57 RS11150 WP 058876490.1  HLKMDQDTANAKYQGLHSRAGSLVTKLMSALSYYDPEILAMDENVLKQFLDENKDLQLYDHLLEELNLSRPYILSEKEEA  160
NTDB id 480 HSISS4 RS02090 WP 002890133.1      SMKNDQDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEE  155
consensus                                      **! !!!!  * !!  * *!  ! * !  !  !**!! *!*!*  !  ! *  * ! !!!!  ! !   ****!!   !

logo
NTDB id 1047818 AB2Q57 RS11150 WP 058876490.1  LLANAGEVLGSSSNTFNTLNNADMKFPTTIKDENGEDIEITHGRFGKLLESNDPRVRRDAFHGVYSVYEGLQNTLASTLNG  240
NTDB id 480 HSISS4 RS02090 WP 002890133.1      LLAAAGDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQG  235
consensus                                      !!! !!**   ** !!! ! !!!* !! * ! *!* *!*!!! !  !*!! !* *!* !****!  !!  !*! ! !!*!

logo
NTDB id 1047818 AB2Q57 RS11150 WP 058876490.1  QVKKSNFYASTRGYTSAREAALSGNHIPETVYDSLLKSVNANASLLHRYVKLRKELLGLEELHMYDLYTPLSDDVNLEFT  320
NTDB id 480 HSISS4 RS02090 WP 002890133.1      VVKVHNYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETE.TALT  314
consensus                                       !! *!* !  !*! !!!*!!! *!*!!!*!!!!!! !!! * *!!!!!* !!! *!!!*!!*!!!*!!!!!*  *   !

logo
NTDB id 1047818 AB2Q57 RS11150 WP 058876490.1  YEEAKELVLEALKPLGDEYQAILKEAFDSRWIDVMENKGKRSGAYSSGSYSTNPYILLNWQDNINNVYTLAHELGHSVHS  400
NTDB id 480 HSISS4 RS02090 WP 002890133.1      YEESLKKAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHS  394
consensus                                      !!!        ! ! * !*!!   ** !!  !!!!!**!!!!!!!!!! ! ! !!***!!!!!! * !**!! !! !!!*!!

logo
NTDB id 1047818 AB2Q57 RS11150 WP 058876490.1  YYTRKNQPFVYGDYSIFLAEVASTTNENLLTDYLLKKYDDPKVRAYLLNHYLDGFKGTVFRQTQFAEFEHAIHQADQQGV  480
NTDB id 480 HSISS4 RS02090 WP 002890133.1      TFTRQTQPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQ  474
consensus                                       *!!  !!*!!!!!*!!!!!*!!!!!!!*!!* !!!   !*! !  *!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!  !!  !

logo
NTDB id 1047818 AB2Q57 RS11150 WP 058876490.1  ALTADFLTETYFDINKKYYGEAMVYDAEIGYEWSRIPHFYMNYYVFQYATGFSAASALSAKILTEGQDAVTAYIDFLKAG  560
NTDB id 480 HSISS4 RS02090 WP 002890133.1      ILTADFMNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAG  554
consensus                                       !!!!!*   ! !*! !!!         !! *!! !!!!!!!!!!!!*!!!!!! !!! !  !!**   *   !!* *!!!!
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logo

NTDB id 1047818 AB2Q57 RS11150 WP 058876490.1   SSDYPIDVLKKAGVDMATPNPVDDALKVFEQRLDELEELVK......   601
NTDB id 480 HSISS4 RS02090 WP 002890133.1       SSDYPLEVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVEKGVHLS   601
consensus                                       !!!!!**!*!!!!!!!  * **! ! !!!! !! !!! !! ******
```

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