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logo
NTDB id 216876 BOX23 RS11835 WP 014931612.1  MSKTNALPLREEVPENLTWDLTTIYPNDETWEKAFTDLQKITEESDQFKGRLSESSQTLYEALQFRDKAYDLISNLYVYA   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1    .....MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYA   75
consensus                                    *****  * ! ***!  !!!!!!!** !  !!  *          * !*! *!   !  !          *  *!!!!

logo
NTDB id 216876 BOX23 RS11835 WP 014931612.1  HLKMDQDTANAKYQGLHSRAGSLVTKLMSALSYYDPEILAMDENVLKQFLDENKDLQLYDHLLEELNLSRPYILSEKEEA  160
NTDB id 480 HSISS4 RS02090 WP 002890133.1    SMKNDQDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEE  155
consensus                                    **! !!!!  * !!  * *!  ! * !  !  !**!! *!*!*  !  ! *  * ! !!!!  ! !   ****!!   !

logo
NTDB id 216876 BOX23 RS11835 WP 014931612.1  LLANAGEVLGSSSNTFNTLNNADMKFPTTIKDENGEDIEITHGRFGKLLESNDPRVRRDAFHGVYSVYEGLKNTLASTLNG  240
NTDB id 480 HSISS4 RS02090 WP 002890133.1    LLAAAGDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQG  235
consensus                                    !!! !!**   ** !!! ! !!!* !! * ! *!* *!*!!! !  !*!! !* *!* !****!  !!   *! ! !!*!

logo
NTDB id 216876 BOX23 RS11835 WP 014931612.1  QVKKSNFYASTRGYTSAREAALSGNHIPETVYDSLLKSVNANASLLHRYVKLRKELLGLEELHMYDLYTPLSDDVNLEFT  320
NTDB id 480 HSISS4 RS02090 WP 002890133.1    VVKVHNYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETE.TALT  314
consensus                                     !! *!* !  !*! !!!*!!! *!*!!!*!!!!!! !!! * *!!!!!* !!! *!!!*!!*!!!*!!!!!*  *   !

logo
NTDB id 216876 BOX23 RS11835 WP 014931612.1  YEEAKELVLEALKPLGDEYQAILKEAFDSRWIDVMENKGKRSGAYSSGSYSTNPYILLNWQDNINNVYTLAHELGHSVHS  400
NTDB id 480 HSISS4 RS02090 WP 002890133.1    YEESLKKAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHS  394
consensus                                    !!!       ! ! * !*!!   ** !!  !!!!!**!!!!!!!!!! ! ! !!***!!!!!! * !**!! !! !!!*!!

logo
NTDB id 216876 BOX23 RS11835 WP 014931612.1  YYTRKNQPFVYGDYSIFLAEVASTTNENLLTDYLLKKYDDPKVRAYLLNHYLDGFKGTVFRQTQFAEFEHAIHQADQQGV  480
NTDB id 480 HSISS4 RS02090 WP 002890133.1    TFTRQTQPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQ  474
consensus                                     *!!  !!*!!!!!*!!!!!*!!!!!!!*!!* !!!   !*! !  *!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!  !!   !

logo
NTDB id 216876 BOX23 RS11835 WP 014931612.1  ALTADFLTETYFDINKKYYGEAMVYDAEIGYEWSRIPHFYMNYYVFQYATGFSAASALSAKILTEGQDAVTAYIDFLKAG  560
NTDB id 480 HSISS4 RS02090 WP 002890133.1    ILTADFMNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAG  554
consensus                                     !!!!!*   ! !*! !!!        !! *!! !!!!!!!!!!!!*!!!!!! !!! !  !!**   *   !!* *!!!!
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logo

NTDB id 216876 B0X23 RS11835 WP 014931612.1   SSDYPIDVLKKAGVDMATPNPVDDALKVFEQRLDELEELVK......   601
NTDB id 480 HSISS4 RS02090 WP 002890133.1     SSDYPLEVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVEKGVHLS   601
consensus                                     !!!!!**!*!!!!!!!  * **! ! !!!! !! !!! !! ******
```

X non conserved

X similar

X $\geq$ 50% conserved