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logo
NTDB id 158266 APS55 RS05450 WP 034531822.1  MSEVQQLPKRSEVPEKLTWDLTTIYKTDDDFEADFKECAKEVAAVEKLKNDHFD.AKTLLSDLKAIEKLERKVEKLYVYS   79
NTDB id 480 HSISS4 RS02090 WP 002890133.1    .....MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYA   75
consensus                                    *****  * !****!! !!!!!!!* !! !*! **  *  **        ** !*!! !!         ! !**!!*!!!

logo
NTDB id 158266 APS55 RS05450 WP 034531822.1  SLKSDADTSNSEYQSMNARCADLASKASSALAWFEPAVLNISEDDLKKMLSEESELADYTHYFDELFSQKDHILDAEHEK  159
NTDB id 480 HSISS4 RS02090 WP 002890133.1    SMKNDQDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEE  155
consensus                                    !*! ! !!*   !!  *!**  ! !  ! ! !*!!!  * * *  !      !* !* ! !!!* !  *!!!*!  !*!

logo
NTDB id 158266 APS55 RS05450 WP 034531822.1  ILSSLGNIFDTPSNVYGVMTNSDLKFPVVSDEDGNKVELSNGVYSKLLESTDRSVRKEAFQQLYTVYNQFKNTLSSTLSG  239
NTDB id 480 HSISS4 RS02090 WP 002890133.1    LLAAAGDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQG  235
consensus                                    *!   ! !!  !*  * !* ! !* !! !!!  !  !!!**! *  !*!! !! *!! !*  *!  ! !! *!   !! !

logo
NTDB id 158266 APS55 RS05450 WP 034531822.1  EVKVHNFRASMRHFSSAKEAALSNNHIDEKVYQQLIDTVNKYLPLLHRYVKLRKKLLSLDEMHMYDLYTPLFGNSPISYN  319
NTDB id 480 HSISS4 RS02090 WP 002890133.1    VVKVHNYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETE.TALT  314
consensus                                     !!!!!* ! *!!* !!**!!!  !*!*! !!  !***!!!*!!!!!!!* !!!!*! !!!**!!!*!!!!    *

logo
NTDB id 158266 APS55 RS05450 WP 034531822.1  FDEAKEESIKALSILGDDYIDHIKEEFNNRWIDVVENKGKRSGAYSSGVYDTNPYILLNWQDNLDNLFTLVHESGHSMHS  399
NTDB id 480 HSISS4 RS02090 WP 002890133.1    YEESLKKAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHS  394
consensus                                    **!          ! ! !**!  ***   !  !!!!!**!!!!!!!!!! ! !!!!***!!!!!! !!!!!!!!!!*!!!*!!

logo
NTDB id 158266 APS55 RS05450 WP 034531822.1  YYTTHNQPFQYGDYSIFLAEIASTTNENILTDYLLKNTDDVEVKKYVLNHFLDGFKGTIFRQTQFAEFEDFAHQQEQAGN  479
NTDB id 480 HSISS4 RS02090 WP 002890133.1    TFTRQTQPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQ  474
consensus                                     *! * !!* !!!!*!!!!!!!!!!!!!!!!!* !!!    !   *  *!!!*!!!!!!!*!!!!!!!!!!*  !  *  !*

logo
NTDB id 158266 APS55 RS05450 WP 034531822.1  PLTAKMLSDFYYKLNQRYYGDGVVSDPEIAYEWARIPHFYMNYYVYQYATGFAAAIDLSDGICAHDQEAIDKYIGYLKSG  559
NTDB id 480 HSISS4 RS02090 WP 002890133.1    ILTADFMNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAG  554
consensus                                    *!!!  *   !  !! *!!       *!! *!! !!!!!!!!!!!!!!!!!!!!!!  ! * !***  !  * !* !!! !
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logo

NTDB id 158266 APS55 RS05450 WP 034531822.1   SSDYPLNVMKKAGIDMTNADYLENAFKVFEERLNELESLI.......   599
NTDB id 480 HSISS4 RS02090 WP 002890133.1     SSDYPLEVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVEKGVHLS   601
consensus                                     !!!!!! !*!!!!*!!!! !!!* !!!!!!*!! !!! !********
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X non conserved

X similar

X $\geq$ 50% conserved