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logo
NTDB id 359660 FAJ55 RS13580 WP 002387169.1  MSEIKQLPTRDEVPTPLTWDLTKIFKDDAAFDVAYNQLIEELNQAESFKGTLGDGAEAFLAALEYVLDVYRKVETLYVYS   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1    .....MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYA   75
consensus                                    *****  * ! *** * !!!!! !!  !! **  !   * *!  !  * !*! ! !   !*! !  * * !**! *!!!

logo
NTDB id 359660 FAJ55 RS13580 WP 002387169.1  HLKNDQDTTNTAYQALYARASSLYAQVSEAVSWFDPEVLTLSDEQIWGYFEEQPKLAVYRHYIQNILDERPHVLSMEQEA  160
NTDB id 480 HSISS4 RS02090 WP 002890133.1    SMKNDQDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEE  155
consensus                                    **!!!!!!!   !!   !*!! !! !*!!!  *!*!! * ! !  *  * !  ! !**! !!   *!  **!!!! ! !

logo
NTDB id 359660 FAJ55 RS13580 WP 002387169.1  LLAGASEIFGASSNTFSILNNADLEFPTVQNAEGETIQLSHGVYGQLMESVDPSVREAAFKGLYKVYKQFRNTLASTLGA  240
NTDB id 480 HSISS4 RS02090 WP 002890133.1    LLAAAGDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQG  235
consensus                                    !!!*! *!! *** !! *! !!!* !! !  * !* * !*!! *  !!!! !* *! *!* **!  ! !! *! ! !! *

logo
NTDB id 359660 FAJ55 RS13580 WP 002387169.1  HVKTHNYKAKIRNYDSARAASLASNHIPESVHETLVAVVNKHLPLLHRYVKLRKKLLNVEELHMYDLYAPLLGEAPIRYS  320
NTDB id 480 HSISS4 RS02090 WP 002890133.1    VVKVHNYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSE.TETALT  314
consensus                                    *!! !!! !!*!*! !!!*! !! !*!!!!!***!*  !!!!!!!!!!!* !!!!*! **!!*!!!*! !!  * *   *

logo
NTDB id 359660 FAJ55 RS13580 WP 002387169.1  YEEAKEKAIEALKPLGEDYLSIVKEAFSSRWIDVIENQGKRSGAYSSGAYDTAPYILMNWHDSLDQLFTLVHEMGHSVHS  400
NTDB id 480 HSISS4 RS02090 WP 002890133.1    YEESLKKAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHS  394
consensus                                    !!!   !! ! ! * !!*!   !* !!* !!!!!**! !!!!!!!! !!!!! ***!*!!*!*!!*!!!!!!! !!!*!!

logo
NTDB id 359660 FAJ55 RS13580 WP 002387169.1  YYTRNNQPYVYGDYSIFLAEIASTTNENILTEYLLQTETDPKVRAYVLNHYLDGFKGTIFRQTQFAEFEHFIHTEDAKGT  480
NTDB id 480 HSISS4 RS02090 WP 002890133.1    TFTRQTQPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQ  474
consensus                                     *!!* !!!!!!!!!*!!!!!!!!!!!!!!!!! !!    !*! !  *!!!!!!!!!!!*!!!!!!!!!!! !!   !! !

logo
NTDB id 359660 FAJ55 RS13580 WP 002387169.1  PLTSEYLSEYYGELNAKYYGPEVVRDEEISYEWARIPHFYYNYYVYQYATGFSAASALSKHILAGEEGALENYLNYLKAG  560
NTDB id 480 HSISS4 RS02090 WP 002890133.1    ILTADFMNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAG  554
consensus                                    *!! ***   !**!! !!! *      !! *!! !!!!!! !!!!!!!!!!!! !!!  !  *!**! !   ! !! !!!!!
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logo

NTDB id 359660 FAJ55 RS13580 WP 002387169.1   SSDFPIEVMKKAGVDMTQAAYIEDAMKVFEERLTELEALVEKL....   603
NTDB id 480 HSISS4 RS02090 WP 002890133.1     SSDYPLEVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVEKGVHLS   601
consensus                                     !!!*!*!!*!!!!!!!!*  !** ! !!!!*!! !!!!!!!! ****
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X non conserved

X similar

X $\geq$ 50% conserved