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logo
NTDB id 329527 EH197 RS11885 WP 123863983.1  MSEAKQLPKRQEVPIELTWDLTKIFADDAAFEEKFQALSEELSEVDKIKGTLAQGATEFLTAIEYVLDIYRKAEVIYVYA   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1    .....MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYA   75
consensus                                    *****  * ! ***   !!!!! !!! !! *!  *     *!        !*!   !   ! ! !  * * !* ! !!!!!

logo
NTDB id 329527 EH197 RS11885 WP 123863983.1  HLKNDEDTANTTNQALYARASSLIAQVSEAVSWFEPEMLELSDQEIWAFFEKESKLELYRHFVEQIISERAHILPAEQEA  160
NTDB id 480 HSISS4 RS02090 WP 002890133.1    SMKNDQDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEE  155
consensus                                    **!!! !!     !   !*!! !  !*!!!  *!!!! * ! !  *  ! ! !* ! !! !* ! **  * !*!* ! !

logo
NTDB id 329527 EH197 RS11885 WP 123863983.1  LLAGASEIFGSSADTFSIMNNADLKFPVVKNDEGEDVQLTHGVYGQLLESTNRNVREQAFKSLYSVYHQFRNTFASTLST  240
NTDB id 480 HSISS4 RS02090 WP 002890133.1    LLAAAGDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQG  235
consensus                                    !!!*! *!!  * !!! ** !!!* !! !    !* ! !!!! *  !*!!  ! *!  !*  *!  !*!! *!*! !!

logo
NTDB id 329527 EH197 RS11885 WP 123863983.1  HVKGHNYKAKIRGYGSAREAALSGNHIPEDVYETLTLVVNQYLPLLHRYVELRKELLGLDELHMYDLYTPLLAEAPVKFS  320
NTDB id 480 HSISS4 RS02090 WP 002890133.1    VVKVHNYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSE.TETALT  314
consensus                                    *!! !!! !!*!*! !!!*!!! *!*!!! !!**!   !! *!!!!!!!**!!! *!!!!!!*!!!*!!!!  * *   *

logo
NTDB id 329527 EH197 RS11885 WP 123863983.1  YEEAQAKALEALKPLGEEYLEVVKKAFAERWIDVVENQGKRSGAYSSGAYDTQPYILLNWHDRLDELYTLVHEMGHSVHS  400
NTDB id 480 HSISS4 RS02090 WP 002890133.1    YEESLKKAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHS  394
consensus                                    !!!   !! ! ! * !!!!   !* !! !!!!!!**! !!!!!!!! !!!!!****!!!!*! !! !*!!!!! !!!*!!

logo
NTDB id 329527 EH197 RS11885 WP 123863983.1  YFTRHTQPYVYGDYSIFLAEIASTTNENLLTSYLLETEKDPKIRAYIINHYLDGFKGTIFRQTQFAEFEHFIHTEDAAGN  480
NTDB id 480 HSISS4 RS02090 WP 002890133.1    TFTRQTQPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQ  474
consensus                                     !!!*!!!!!!!!!!*!!!!!!!!!!!!!!*!!  !!   !!*!  !  !*!!!!!!!!!!*!!!!!!!!!!!  !!   !! !*

logo
NTDB id 329527 EH197 RS11885 WP 123863983.1  PLTSEHLSKFYGELNMKYYGPIVVNDEEIKDEWSRIPHFYYNYYVYQYATGFSAASALAKRIVEAEPDALEKYLTYLKSG  560
NTDB id 480 HSISS4 RS02090 WP 002890133.1    ILTADFMNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAG  554
consensus                                    *!! *** ! !**!! !!! *      !!  !! !!!!!! !!!!!!!!!!!! !!!  !! *!!** **  ! !!!!!! !
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logo

NTDB id 329527 EH197 RS11885 WP 123863983.1   SSDYPIEVMKKADVDMTQPTYIEDAMEIFAQRLDELEEELVEVLKN..   605
NTDB id 480 HSISS4 RS02090 WP 002890133.1     SSDYPLEVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVEKGVHLS   601
consensus                                     !!!!!*!!*!!! !!!!** !** !  *!  !! !!! !!!    ***
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X non conserved

X similar

X $\geq$ 50% conserved