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logo
NTDB id 966552 MKX55 RS16075 WP 339233485.1  MAKAAKQLPKRDEIPEESTWRLEDIFETDEQWKEEFQSLKNDISKLAAYKGKLGTSADTLLEALQVQDELSERLGKLYVY   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1    ......MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVY   74
consensus                                    ******  * ! ***!  !! ! !! !!  ! !* !  *!* !  !! !*!  !!  !! !  *   !  !! !*!!!

logo

NTDB id 966552 MKX55 RS16075 WP 339233485.1  GHLRTDQDTTNSFYQGLNAQAENLLTTASSQFSFLVPEILEIPEEKLKQFIEENKELQVYKKVLDDINHSRPHILSEKEE  160
NTDB id 480 HSISS4 RS02090 WP 002890133.1    ASMKNDQDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAE  154
consensus                                    **** !!!!!   !!  *! ! !! *  !  ! *  !! * *** !!  ! !  * ! *! *  * * * **!*!!   !

logo

NTDB id 966552 MKX55 RS16075 WP 339233485.1  VLLAEADEPIGAISQTFGMLNNADLTFPSITNADGEEIELTHGRYSTFMESSDRNVREQAFNAMYDTYGSFKNTFASTLS  240
NTDB id 480 HSISS4 RS02090 WP 002890133.1    ELLAAAGDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQ  234
consensus                                     !!! ! **  *** !! *! !!!* !! ** * !* *!!!!! * ! !!! !! *!  !* !!! !!  ! *!*! !!

logo

NTDB id 966552 MKX55 RS16075 WP 339233485.1  GEVKSHNFNAKVRNYESARQAALDNNHIPEEVYDNLVEAVNEKLPLLHRYAELRKKILGVDELHMYDLYTPLVKDVKMPV  320
NTDB id 480 HSISS4 RS02090 WP 002890133.1    GVVKVHNYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSET.ETAL  313
consensus                                    ! !! !!**!!!!*! !!!*!!!  !*!!! !!! !*! !! *!!!!!!! *!!!!*!!*!!!*!!!*!!!!   *  **

logo

NTDB id 966552 MKX55 RS16075 WP 339233485.1  TYEEAKKYVMEGLKPLGEEYAGILEEAFSERWIDVEENKGKRSGAYSSGTYGTNPYILLNWQDDVNNTFTLAHELGHSVH  400
NTDB id 480 HSISS4 RS02090 WP 002890133.1    TYEESLKKAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLH  393
consensus                                    !!!!  !   ! ! * !!!!   ** !!*!!!!!!**!!!!!!!!!! ! ! !!***!!!!!! * ! !!! !! !!!*!

logo

NTDB id 966552 MKX55 RS16075 WP 339233485.1  SYYSRKYQPFRYGNYSIFVAEVASTTNEALLNDYLLEHLDDEKEKLYILNHFLEGFRGTVFRQTMFAEFEHDIHVLAQNG  480
NTDB id 480 HSISS4 RS02090 WP 002890133.1    STFTRQTQPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASG  473
consensus                                    ! **!  !!* !! !*!!*!!*!!!!!! *! * !! ** !*! *  !!!!*!*!!*!!!!!!! !!!!!! !!     !

logo

NTDB id 966552 MKX55 RS16075 WP 339233485.1  EALTADKLTEVYYNLNKKYYGEDVVSDEKIGLEWARIPHFYMNYYVYQYATGYSAATALSKQILDGEEGAVDRYLGFLQS  560
NTDB id 480 HSISS4 RS02090 WP 002890133.1    QILTADFMNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKA  553
consensus                                     !!!! *  *!  !! !!!          !  !! !!!!!!!!!!!!!!!!!* !!* !   !**! !   * !! *!
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logo

NTDB id 966552 MKX55 RS16075 WP 339233485.1  GSSEDPIDVLKKAGVDMTQKQAILDALDVFEEKLTEMEALLEK.....   603
NTDB id 480 HSISS4 RS02090 WP 002890133.1    GSSDYPLEVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVEKGVHLS   601
consensus                                    !!!* !**!*!!!!!!!!*   *  !  !!!**! !*!!!*!!*****
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X non conserved

X similar

X $\geq$ 50% conserved