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logo
NTDB id 153243 ADU73 RS00765 WP 062913084.1  MAEIKQLPKRSEVPVALTWDLSTIFKDESALKKAIAQLSPQVDALLESSGNLANNGATLLTAIQSELKIENQLERIYVYA   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1    .....MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYA   75
consensus                                    *****  * !****   !!!!*!!!  *          * *       !*!   *  !! !    * *   !!*!!!!!

logo
NTDB id 153243 ADU73 RS00765 WP 062913084.1  ELKNDQDTSNNQNQALKDQVNDLVAKVSAKLAWLEPEILAIPKATLANFQNNNADFKPYKHYFDVLNLKRKHVLSTKEEA  160
NTDB id 480 HSISS4 RS02090 WP 002890133.1    SMKNDQDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEE  155
consensus                                     *!!!!!!*    !         !   *!   !* !!! *!**   !! !  * *   *! !!!* !   * !!!!   !

logo
NTDB id 153243 ADU73 RS00765 WP 062913084.1  ILAGASSIFETSENVFGILDNSDLKFPFVKNTAGETVQLSQGMYSTLLQSTHQSVRKQAFKQLYAVYEQFKNTFATTLAG  240
NTDB id 480 HSISS4 RS02090 WP 002890133.1    LLAAAGDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQG  235
consensus                                    *!!*!  !!  *   ! *!!! !* !!*!    !* ! !**! * !!* ! *  *!! !*  *!* !!!! *!*! !! !

logo
NTDB id 153243 ADU73 RS00765 WP 062913084.1  EVKVHNFNAQIRGYESARQAAMSESAIPETVYTNLVTEVNQHLDLLHRYVGLRKKILNLKELHMYDLYTPITGKSPLNYT  320
NTDB id 480 HSISS4 RS02090 WP 002890133.1    VVKVHNYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETE.TALT  314
consensus                                     !!!!!**! *!*! !!!*!!*    !!!*!!  !*  !! !!*!!!!!* !!!!*! ! !!*!!!*!!!**   *   !

logo
NTDB id 153243 ADU73 RS00765 WP 062913084.1  YLEAQEEAKAALQIMGDDYVSHVDEAFKNRWIDVVENQGKRSGAYSSGVYGTNPFMLLNWQDDLDNLFTLVHEMGHSMHS  400
NTDB id 480 HSISS4 RS02090 WP 002890133.1    YEESLKKAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHS  394
consensus                                    ! !    !   ! ! !**!  *!* !!  !!!!!**! !!!!!!!! ! ! !!*!!!!!!! !!!!!!!!!! !!!*!!

logo
NTDB id 153243 ADU73 RS00765 WP 062913084.1  YYTTHNQPYQYGDYPIFVAEIASTTNENILTQYLLDKYDDPQIKLFVLNHYLDDFKGTVYRQTQFAEFEQFIHEADARGE  480
NTDB id 480 HSISS4 RS02090 WP 002890133.1    TFTRQTQPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQ  474
consensus                                     *! * !!! !!!!!!!*!!!!!!!!!!!!!!  !!    !*  *  *!!!!!! !!!!!*!!!!!!!!!* !!!!!! !

logo
NTDB id 153243 ADU73 RS00765 WP 062913084.1  ALTAEMMSDYYGKLNHRYYGDDVVNDSQIKSEWTRIPHFYYNFYVYQYATGFAAASALAKGITTHQPHAKDNYLTYLKSG  560
NTDB id 480 HSISS4 RS02090 WP 002890133.1    ILTADFMNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAG  554
consensus                                     !!!* !   !* !!**!!         !  !! !!!!!! !*!!!!!!!!!!!!!! !!  ! ** ** !* !!!!!! !
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logo

NTDB id 153243 ADU73 RS00765 WP 062913084.1   SSDFPLDVMKRAGVDMSQKQYLEDAFDVFEQRLNEFENLL.......   600
NTDB id 480 HSISS4 RS02090 WP 002890133.1     SSDYPLEVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVEKGVHLS   601
consensus                                     !!!*!!*!*!*!!!!!**  !!* !! !!! !! ! ! !********
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X non conserved

X similar

X $\geq$ 50% conserved