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logo
NTDB id 1094462 ACMHDP RS12290 WP 016174352.1  MSETKQLPTREEVAEASTWDLTKIFVDDAAFEVAFKELQAELKQASSYKGTLNKGGAAFLAALEYVLDVSRKLETLYVYS   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1      .....MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYA   75
consensus                                      *****  * ! ** !  !!!!! !!  !! *!  *     *!! !! ! !*!   *   !*! !  * * !*!! *!!!

logo
NTDB id 1094462 ACMHDP RS12290 WP 016174352.1  HLKNDQDTANTTYQALYARASSLLAQTSEAISWLEPELLTLSDETIWSYFDEEPKLEGYRHFVKQTVDNRAHVLPAEQEA   160
NTDB id 480 HSISS4 RS02090 WP 002890133.1      SMKNDQDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEE   155
consensus                                      **!!!!!!    !!   !*!! !  ! !!!  * !!! * ! !  *  * * !! !  ! !*    * !* !!!* ! !

logo
NTDB id 1094462 ACMHDP RS12290 WP 016174352.1  LLAAAGEIFGSPSNTFSVLNNADLVFPTIEGEDGEKIQLSHGIYGQLLESTDRRVREEAFKGLYSVYEQFRNTFASTLSA   240
NTDB id 480 HSISS4 RS02090 WP 002890133.1      LLAAAGDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQG   235
consensus                                      !!!!!!*!!   !* !! !! !!!**!! *    !* * !*!! *  !*!! !! *!  !* **!  !!!! *!*! !! *

logo
NTDB id 1094462 ACMHDP RS12290 WP 016174352.1  NVKAHNYKAKVRKFASAREAALSSNHIPESVYDTLVDVVNQNLPLLHRYMELRKRLLNLDDLHMYDVYTPLLGEAPISYT   320
NTDB id 480 HSISS4 RS02090 WP 002890133.1      VVKVHNYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSE.TETALT   314
consensus                                       !! !!! !!!!** !!!*!!!  !*!!!!!!!*!** !! *!!!!!!!**!!!**! !!*!*!!!!!!!!  * *   !

logo
NTDB id 1094462 ACMHDP RS12290 WP 016174352.1  YDQAVEKAIQALEPMGEEYLTVVKEAFNNRWIDVVENKGKRSGAYSSGAYDTLPYILMNWHDTLDQLFTLVHEMGHSVHS   400
NTDB id 480 HSISS4 RS02090 WP 002890133.1      YEESLKKAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHS   394
consensus                                      !*  * !!    ! * !!!!    !* !!  !!!!!**!!!!!!!!!! !!!!! ***!*!!*!!!!*!!!!!!! !!!*!!

logo
NTDB id 1094462 ACMHDP RS12290 WP 016174352.1  YFTRSNQPYVYGDYSIFLAEIASTTNENILTEHLLETETDPRVRAYVLNHYLDGFKGTVFRQTQFAEFEHFMHVEDAKGT   480
NTDB id 480 HSISS4 RS02090 WP 002890133.1      TFTRQTQPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQ   474
consensus                                       !!!   !!!!!!!!!*!!!!!!!!!!!!!!!!!!*!!    !** !  *!!!!!!!!!!!!!!!!!!!!!!!!!!  *!   !! !

logo
NTDB id 1094462 ACMHDP RS12290 WP 016174352.1  PLTSEFLSESYGALNKKYYGEALADDPEIRLEWSRIPHFYYNYYVFQYSTGFSAASALAGKILSEGPAALERYLNYLKAG   560
NTDB id 480 HSISS4 RS02090 WP 002890133.1      ILTADFMNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAG   554
consensus                                      *!! *!*   !* !! !!!     ! *!!  !! !!!!!! !!!!*!! !!! !!! !! !!**  *   ! !! !!!!!
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logo

NTDB id 1094462 ACMHDP RS12290 WP 016174352.1  NSDYPIEVMKKAGVDMTQADYIEDAMKMFEQRLNELEALVEELEN..   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