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logo
NTDB id 1045151 ACEPSV RS05390 WP 204121801.1  MRNLKQIPKRSAVPTALTWDLTTIYPDDAAYQAAVKDVQAEATKMAAMKGQLSQSGADLYRVTKANFDLERQLERVYVYA   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1      .....MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYA   75
consensus                                      *****  * !****   !!!!!!!** !! *         *  !  !  !*!  !*  !   !     ! ! !!**!!!!

logo
NTDB id 1045151 ACEPSV RS05390 WP 204121801.1  SLKNDQDTGDAAAQALMGQAEGLLATVGAAASWFEPEVLALDPADLQKLIDAEPKLAVYQHIFDVLGQQRAHTLSVQEEK  160
NTDB id 480 HSISS4 RS02090 WP 002890133.1      SMKNDQDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEE  155
consensus                                      !*!!!!!!  *  !   * !  !   *  !  *!!!! *!!!*  !    * !! !**! ! !* !  ** ! !!   !

logo
NTDB id 1045151 ACEPSV RS05390 WP 204121801.1  LLAGASDIFAASSKTYSVLSDADLKFPVVQDEKGDDVRLSEGLYGVLLESTTPAVREQAFKALYSVYQQFRHTFASTLAS  240
NTDB id 480 HSISS4 RS02090 WP 002890133.1      LLAAAGDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQG  235
consensus                                      !!!*! !!! *** !* !!  !!* !! ! !  !! ! !**! *  !*!!  * *!  !* !*!  ! !! !!*! !!

logo
NTDB id 1045151 ACEPSV RS05390 WP 204121801.1  EVKTHNFNADVRHYASAREAAMSANNVPAVVYDTLVKTVNDHLDSLHQYVNLRKEILGLPELHMYDLYTPITGEPSLSYT  320
NTDB id 480 HSISS4 RS02090 WP 002890133.1      VVKVHNYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSET.ETALT  314
consensus                                       !! !!**! !!!! !!!*!!* !! *!  !!!*!* *!! !!* !! !* !!! *!!!*!!*!!!*!!!**  *    !

logo
NTDB id 1045151 ACEPSV RS05390 WP 204121801.1  YEEAQQEALKALSVLGPDYVANVQKMFDTRAIDVVENEGKRTGAYSGGMYDTKPYILLNWQDSLESLFTLVHEMGHSMHS  400
NTDB id 480 HSISS4 RS02090 WP 002890133.1      YEESLKKAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHS  394
consensus                                      !!!     !    ! * !**!   !*  !  ! !!!**! !!!*!!!!!! !!! ***!!!!!!*!* !!!!!!! !!!*!!

logo
NTDB id 1045151 ACEPSV RS05390 WP 204121801.1  HYTRTNQPYQYGDYSIFVAEIASTTNENLLTDYLLKTQTDPQVRAYVLNHYLDGFKGTVYRQTQFAEFEDYIHTQAAAGE  480
NTDB id 480 HSISS4 RS02090 WP 002890133.1      TFTRQTQPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQ  474
consensus                                      **!!  !!! !!!!*!!*!!!!!!!!!!*!!* !!!   !*  !  *!!!!!!!!!!!!*!!!!!!!!!* !!   ! !

logo
NTDB id 1045151 ACEPSV RS05390 WP 204121801.1  TLTADFMSKFYGDLNRRYYGDGVVSDPQIADEWTRIPHFYYNYYVYQYSTGFAAATTLAQRVLSGDDAKREAYLNYLKSG  560
NTDB id 480 HSISS4 RS02090 WP 002890133.1      ILTADFMNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAG  554
consensus                                       !!!!!! ! !*!!! *!!       * !  !! !!!!!! !!!!!!! !!!!!!* !! ****! *  *!!!! !!! !
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logo
                                                  SSDYPLNVMKKAGVDMTQTNPDYLQTDAAFKYTFEDDRLAEVLFSQEALAHEEVGKHLVKLS

NTDB id 1045151 ACEPSV RS05390 WP 204121801.1    SSDLPLNVMKKAGVDMTQPDYLQTAFKTFDDRLAEFSQLAHELKK..   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