```
logo
NTDB id 1027896 AB3327 RS09800 WP 368823828.1  MVATKQLPTRSAVPEELTWDLTPIYATQAAYEADVAQVKAALTAVTALKEHFTDSADTVLAGIQAVLDVYRRLEKVAVYA   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1      .....MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYA   75
consensus                                      *****  * !****!  !!!!!*!*!! ! *! *       !   *!   !  !!!  *!**    * * !!!!!* !!!

logo
NTDB id 1027896 AB3327 RS09800 WP 368823828.1  SLKSDQDTGNSTNAALDDQASSLTAKVSAATAWFEPAILQLTPDELDTYLDQNVALRDYRHLLDTVRLQKGHVLSENEES  160
NTDB id 480 HSISS4 RS02090 WP 002890133.1      SMKNDQDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEE  155
consensus                                      !*! !!!!           !! !   *! ! !*!!!  * ! *  !  * *! **!  ! !  * *  *! !!!!   !

logo
NTDB id 1027896 AB3327 RS09800 WP 368823828.1  LLAGASDIFGASAKTFGVLNNADFKFPTVKDDDGNPVTLSQGLYGVLLESVHPAVRREAFEALYRVYSQFRRTLASTLAS  240
NTDB id 480 HSISS4 RS02090 WP 002890133.1      LLAAAGDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQG  235
consensus                                      !!!*! !!! **  !! !! !!!  !! ! !  ! *! !**! *  !*!! ** *!* !*!!*!  ! !! *! ! !!

logo
NTDB id 1027896 AB3327 RS09800 WP 368823828.1  QVKVHNFVAQAHHYPDARAAALAANQIPTSVYDALVTSVDDHLDLLHRYVALRKRLLGVDQLHMYDMYTPLAEKPAIKYT  320
NTDB id 480 HSISS4 RS02090 WP 002890133.1      VVKVHNYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETET.ALT  314
consensus                                       !!!!!* !   *!!* !!*!!!!!! !! !!!! !* !!  !!*!!!!!* !!!**!!*! !*!!!*!!!! ! * *  !

logo
NTDB id 1027896 AB3327 RS09800 WP 368823828.1  YQQAQTTALQALKILGPDYIKHVKTAFGSRWIDVVENQGKRSGAYSSGMYDTAPYMLLNWQDNIDNLYTLVHEMGHSMHS  400
NTDB id 480 HSISS4 RS02090 WP 002890133.1      YEESLKKAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHS  394
consensus                                      !        !   ! ! !**! !*!* !!  !!!!!**! !!!!!!!! ! !!! **!!!!!!! *!!!*!!!!! !!!*!!

logo
NTDB id 1027896 AB3327 RS09800 WP 368823828.1  YFTTHNQPYQYGDYSIFVAEIASTTNENLLTNYFLETEKDPKMRAYVLNYYLDGFKGTVFRQTQFAEFEQWIHEQDQAGQ  480
NTDB id 480 HSISS4 RS02090 WP 002890133.1      TFTRQTQPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQ  474
consensus                                       !! * !!! !!!!*!!*!!!!!!!!!!*!!   !   !!*! !  *!!*!!!!!!!!!!!!!!!!!!!* !!! !  !!

logo
NTDB id 1027896 AB3327 RS09800 WP 368823828.1  ALTADRLSKYYLQLNQRYYGDAVVSDPQIADEWSRIPHFYYNYYVYQYATGFAAASTLAERISSKQPDAVTDYLGYLKAG  560
NTDB id 480 HSISS4 RS02090 WP 002890133.1      ILTADFMNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAG  554
consensus                                       !!!! * ! !  !! *!!       * !  !! !!!!!! !!!!!!!!!!!!!!! !!!*! *  **    !! !!!!!
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logo
                                                  SSDYPLEVMKRAGVDMTNTDYLDAAFKVFEERLVELEQLVTKGVAFPIDVHKPEAAQHLS

NTDB id 1027896 AB3327 RS09800 WP 368823828.1    SSAFPIDVMHRAGVDMTKPDYLDAAFKVFAECLDEFEQLVTAAQ...   604
NTDB id 480 HSISS4 RS02090 WP 002890133.1        SSDYPLEVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVEKGVHLS   601
consensus                                        !! *!**!***!!!!!! *!!!!!!!!!!! **! ! ! !!  * ***
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X non conserved

X similar

X $\geq$ 50% conserved