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logo
NTDB id 365451 LROSL1 RS08830 WP 178914385.1  MADVKQLPTRDEVPETLKWDLTQIFATDAAWTDAYHQIESKLQQVTSYQGHLAESPEQLVAGVAYLLDVYHELENVDVYA   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1     .....MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYA   75
consensus                                     *****  * ! ***!   !!!! !!!!!! !   !*     !   * ! !!! *!* *!***    * * * !! * !!!

logo
NTDB id 365451 LROSL1 RS08830 WP 178914385.1  SLKQEQDTSDQAAQGLAAQANDLVAKVASALAWFQPEVLAIPEKTLNEWLDT.TELKPFKHFFEDLDRARDHTLPADQEA   159
NTDB id 480 HSISS4 RS02090 WP 002890133.1     SMKNDQDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEE   155
consensus                                     !*!**!!!*    !   ! !  !   *  ! !*! !! *!***! ! !* * ** ! ** !*!! !   *!! !* * !

logo
NTDB id 365451 LROSL1 RS08830 WP 178914385.1  LLAGAGDIFQASAKTFGVLDNADLEFPIVKDEAGNDVRLTQGVYGVLLQSTDRSVRGAAFKQLYKVYKQFQNTFASTLSS   239
NTDB id 480 HSISS4 RS02090 WP 002890133.1     LLAAAGDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQG   235
consensus                                     !!!*!!!!!***  !! !!!!!!* !! ! !  !  ! !!*! *  !* ! !! *! *!*  *!  ! !!!*!*! !!

logo
NTDB id 365451 LROSL1 RS08830 WP 178914385.1  NVKAHNYTARVHHYPTARAAALAENNIPESVYDTLVEEVNNHLDLLHRYVSLRKRILGVDHLHSYDLYTPITGDSPLSYT   319
NTDB id 480 HSISS4 RS02090 WP 002890133.1     VVKVHNYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETE.TALT   314
consensus                                      !! !!! !*!*!!**!!*!!!! ! !!!!!!!*!*! !! !!*!!!!!* !!!**!!*!*!* !!*!!!**   *   !

logo
NTDB id 365451 LROSL1 RS08830 WP 178914385.1  YPEAQQEALRALSVMGPDYVSHVQEAFDNRWVDVVETKGKRSGAFSSGVYDTNPYILLNWQDNLEELFTLVHEMGHSIHS   399
NTDB id 480 HSISS4 RS02090 WP 002890133.1     YEESLKKAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHS   394
consensus                                     !*!    !   ! * !**!  *!* !!  !!*!!** !!!!!!!*! ! !!!!***!!!!!! !* !!!!!!! !!!*!!

logo
NTDB id 365451 LROSL1 RS08830 WP 178914385.1  YYTRHNQPYQYGDYSIFVAEIASTTNENTLTQYLLDNNDDPKVRAYVLNHYLDGFKGTVYRQTQFAEFEHWIHQEDAAGH   479
NTDB id 480 HSISS4 RS02090 WP 002890133.1     TFTRQTQPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQ   474
consensus                                      *!!* !!! !!!!*!!*!!!!!!!!!! !!   !!    !*! !  *!!!!!!!!!!!!*!!!!!!!!!! !!   !! !*

logo
NTDB id 365451 LROSL1 RS08830 WP 178914385.1  PLTASRMSDFYGKLNQTYYGKDLTPDPEITLEWSRIPHFYYNYYVFQYATGFAAASTLSHGITSHQQGALDHYLDFLKAG   559
NTDB id 480 HSISS4 RS02090 WP 002890133.1     ILTADFMNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAG   554
consensus                                     *!!!  !   !* !!  !!     * *!!  !! !!!!!! !!!!*!!!!!!!!!! ! * ! **     **!! *!!!!
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logo

NTDB id 365451 LROSL1 RS08830 WP 178914385.1   SSQYPLDVMKMAGVDMTKPDYLRRAFDVFEQRLNEFEKLIDDSQK..   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