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logo
NTDB id 169066 AWM76 RS03285 WP 039934813.1  MAKIFEVKPRDEVDSAFQWDLTSIFPDDQAFENALSGFPAKADAFQDYKGTLDQGADQVVTVLEALLAMSRELETLYVYA   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1    .....MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYA   75
consensus                                    *****   *! ***  * !!!!*!!* !  *!      *        ! !*!   ! ***   !  * * ! !! *!!!!

logo
NTDB id 169066 AWM76 RS03285 WP 039934813.1  HLKHDQDTGDNKYLTYNSQAGALLAQVSEKISWFEPEVLTVSEDVQKTL....EDHAEYGHFFRGLFAKKAHVLSPNEEA  156
NTDB id 480 HSISS4 RS02090 WP 002890133.1    SMKNDQDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEE  155
consensus                                    **!*!!!!    !  !*  !  !  !*!!   *!!!! * * *      ***** ** ! !*!  ! ! ! !!!!*  !

logo
NTDB id 169066 AWM76 RS03285 WP 039934813.1  LLAGASEIFAGSSTTFSLLNNADLKFGKVKDEEGNDVTLSHGSYGVLLESADRSVRENAFKQLYATYEGVKNTNASLMSG  236
NTDB id 480 HSISS4 RS02090 WP 002890133.1    LLAAAGDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQG  235
consensus                                    !!!*! *!! !** !! *! !!!* !* ! !  !  ! !*!! *  !*!! !! *!  !*  *!*!!!   *! !  * !

logo
NTDB id 169066 AWM76 RS03285 WP 039934813.1  NIKGHNYTAKIRHYDSARQKALDNNNIPESVYDTLVDTVRKNTNLLHEYVALRKDMLGLDDLQMWDMYTPLTGDAPVKFT  316
NTDB id 480 HSISS4 RS02090 WP 002890133.1    VKKVHNYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETE.TALT  314
consensus                                     *! !!! !!*!!! !!!* !!   ! !!!!!!!*!***! !* *!!! !* !!! *!!!!*! !*!*!!!!*   *   !

logo
NTDB id 169066 AWM76 RS03285 WP 039934813.1  YEEAKEITFKALAPLGDQYLKDLAKAFDEKWIDVYENEGKRSGAYSSGAYDTNPYILLNWQDSLNDLYTLVHELGHSMHS  396
NTDB id 480 HSISS4 RS02090 WP 002890133.1    YEESLKKAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHS  394
consensus                                    !!!         !!* !* ! ! ** !! !*!!!!**! !!!!!!!! !!!!!!***!!!!!!*!  !*!!!!! !!!*!!

logo
NTDB id 169066 AWM76 RS03285 WP 039934813.1  YYTRSNQPYVYGDYSIFVAEIASTTNENLLTSYLLDTIDDKDAQIYILNHYLDGVKGTIFRQTQFAEFEKFMHESDANGQ  476
NTDB id 480 HSISS4 RS02090 WP 002890133.1    TFTRQTQPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQ  474
consensus                                     *!!  !!!!!!!!!*!!*!!!!!!!!!!!*!!  !!  * !      !!!!!!!! !!!*!!!!!!!!!!* *!! !!  !!

logo
NTDB id 169066 AWM76 RS03285 WP 039934813.1  PLTADFLSENYFELNKAYYGPSIGEDKTIALEWSRIPHFYMNYYVYQYATGFSAANTLAKRIVEGEDGAVDKYLNYLKSG  556
NTDB id 480 HSISS4 RS02090 WP 002890133.1    ILTADFMNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAG  554
consensus                                    *!!!!!*   ! *!!  !! *  *   !  !! !!!!!!!!!!!!!!!!!! !!  !! *!!*! *   * !! !!! !
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logo

NTDB id 169066 AWM76 RS03285 WP 039934813.1   SSDFPINVMQKAGIDMTNATYIEETFAQFEQRLAELKGLLNK.....   598
NTDB id 480 HSISS4 RS02090 WP 002890133.1     SSDYPLEVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVEKGVHLS   601
consensus                                     !!!*!* !* !!!*!!!!  !**  !  !! !! !! *!* !*****
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X non conserved

X similar

X $\geq$ 50% conserved