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logo
NTDB id 1150772 KG893 RS11005 WP 002356480.1  MSEIKQLPTRDEVPTPLTWDLTKIFKDDAAFDVAYNQLTEELNQAESFKGTLGNGAEAFLAALEYVLDVYRKVETLYVYS   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1     .....MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYA   75
consensus                                     *****  * ! *** * !!!!! !!  !! **  !     *!  !  * !*!   !  !*! !  * * !**! *!!!

logo
NTDB id 1150772 KG893 RS11005 WP 002356480.1  HLKNDQDTTNTAYQALYARASSLYAQVSEAVSWFDPEVLTLSDEQIWGYFEEQPKLAVYRHYIQNILDERPHVLSMEQEA   160
NTDB id 480 HSISS4 RS02090 WP 002890133.1     SMKNDQDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEE   155
consensus                                     **!!!!!!!   !!   !*!! !! !*!!!  *!*!! * ! !  *  * !  ! !**! !!   *!  **!!!! ! !

logo
NTDB id 1150772 KG893 RS11005 WP 002356480.1  LLAGASEIFGASSNTFSILNNADLEFPTVQNAEGETIQLSHGVYGQLMESVDPSVREAAFKGLYKVYKQFRNTLASTLGA   240
NTDB id 480 HSISS4 RS02090 WP 002890133.1     LLAAAGDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQG   235
consensus                                     !!!*! *!! *** !! *! !!!* !! !  * !* * !*!! *  !!!! !* *! *!* **!  ! !! *! ! !! *

logo
NTDB id 1150772 KG893 RS11005 WP 002356480.1  HVKTHNYKAKIRNYDSARAASLASNHIPESVHETLVAVVNKHLPLLHRYVKLRKKLLNVEELHMYDLYAPLLGEAPIRYS   320
NTDB id 480 HSISS4 RS02090 WP 002890133.1     VVKVHNYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSE.TETALT   314
consensus                                     *!! !!! !!*!*! !!!*! !! !*!!!!***!*  !!!!!!!!!!* !!!!*! **!!*!!!*! !!  * *   *

logo
NTDB id 1150772 KG893 RS11005 WP 002356480.1  YEEAKEKAIEALKPLGEDYLSIVKEAFSSRWIDVIENQGKRSGAYSSGAYDTAPYILMNWHDSLDQLFTLVHEMGHSVHS   400
NTDB id 480 HSISS4 RS02090 WP 002890133.1     YEESLKKAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHS   394
consensus                                     !!!   !! ! ! * !!*!   !* !!* !!!!!**! !!!!!!!! !!!!! ***!*!!*!*!!*!!!!!!! !!!*!!

logo
NTDB id 1150772 KG893 RS11005 WP 002356480.1  YYTRNNQPYVYGDYSIFLAEIASTTNENILTEYLLQTETDPKVRAYVLNHYLDGFKGTIFRQTQFAEFEHFIHTEDAKGT   480
NTDB id 480 HSISS4 RS02090 WP 002890133.1     TFTRQTQPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQ   474
consensus                                      *!!* !!!!!!!!*!!!!!!!!!!!!!!!!!! !!    !*! !  *!!!!!!!!!!!*!!!!!!!!!!! !!   !! !

logo
NTDB id 1150772 KG893 RS11005 WP 002356480.1  PLTSEYLSEYYGELNAKYYGPEVVRDEEISYEWARIPHFYYNYYVYQYATGFSAASALSKHILAGEEGALENYLNYLKAG   560
NTDB id 480 HSISS4 RS02090 WP 002890133.1     ILTADFMNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAG   554
consensus                                     *!! ***   !**!! !!! *      !! *!! !!!!!! !!!!!!!!!!! !!! !  *!**! !   ! !! !!!!!
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logo
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NTDB id 1150772 KG893 RS11005 WP 002356480.1  SSDFPIEVMKKAGVDMTQAAYIEDAMKVFEERLTELEALVEKL....  603
NTDB id 480 HSISS4 RS02090 WP 002890133.1     SSDYPLEVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVEKGVHLS  601
consensus                                     !!!*!*!!*!!!!!!!!!*  !** ! !!!!*!! !!!!!!!! ****
```

X non conserved

X similar

X $\geq$ 50% conserved