```
logo
NTDB id 58390 B1NLA3E RS05255 WP 015592803.1  MEQDTKVTKLPARSEIAIDDTWKLEDIFTSDEEWEKEFQEVKGLIPGVKEFAGKLHESAEQLYKALSLQDQLLQRLGKLY   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1    ........MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIY   72
consensus                                    ********  * !***    !! !  !! *! *!! !*      **    *!!*!**!! *!  !  !  !* !! !*!

logo
NTDB id 58390 B1NLA3E RS05255 WP 015592803.1  AYSHMRYDQDTTNSFYQGLDDRMKNLYSQAGSALAYIVPEILSIDEKTVKGFLEEKPELKLYEHALEEINLQRPHILSAD  160
NTDB id 480 HSISS4 RS02090 WP 002890133.1    VYASMKNDQDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQE  152
consensus                                     ! *!* !!!!!   !!    *  !!!!!   ! !!  !! * *!*! *  ! !  ! ! !!*!  ! *  ***!*!! *

logo
NTDB id 58390 B1NLA3E RS05255 WP 015592803.1  QEALLAEAGEVLDSSSTTFGVLNNADIEFPSIKDENGEEVEVTHGRYSRFLESEDRRVRQDAFKAVYKTYGDFQNTFAST  240
NTDB id 480 HSISS4 RS02090 WP 002890133.1    AEELLAAAGDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQT  232
consensus                                     ! !!! !!**   ** !! !! !!!! !! * ! *!* !!*!!! *   *!! !! *!  !* !*! !!  !!*!*! !

logo
NTDB id 58390 B1NLA3E RS05255 WP 015592803.1  LSGTVKKDNFNARVHKYESARHAALSANNIPESVYENLVETIHEYLPLLHRYIKLRKEALGLDELHMYDLYTPLVKNVKM  320
NTDB id 480 HSISS4 RS02090 WP 002890133.1    LQGVVKVHNYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETE.T  311
consensus                                    ! ! !! *!**!*!**! !!!!!!! !! !!!!!!* !*!*** *!!!!!!!* !!!  !!!!!!*!!!*!!!!    *

logo
NTDB id 58390 B1NLA3E RS05255 WP 015592803.1  EISYNEAKDLILKGLAPLGEEYLNVLKEGFENRWVDVHENKGKRSGAYSSGAYGTNPYILMNWQDNVNNLFTLVHEFGHS  400
NTDB id 480 HSISS4 RS02090 WP 002890133.1    ALTYEESLKKAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHS  391
consensus                                     **! !         !!* !!!!   ** *!  !!*!!!*!!!!!!!!!! !!! !!***!*!!!! * !!!!!!!! !!!

logo
NTDB id 58390 B1NLA3E RS05255 WP 015592803.1  VHSYYTRKTQPYPYGSYSIFVAEVASTCNEALLNEFLIKTTEDEQKRLYLLNHYLEGFRGTVFRQTMFAEFEHLIHQKAQ  480
NTDB id 480 HSISS4 RS02090 WP 002890133.1    LHSTFTRQTQPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADA  471
consensus                                    *!! *!! !!!!*!! !*!!*!!*!!!*!! *! ! !*!   !*  !  *!!!!!*!!*!!!!!!! !!!!!! !!

logo
NTDB id 58390 B1NLA3E RS05255 WP 015592803.1  NNEPLTPDLLTKEYYQLNKKYYGEENIVIDEEIGLEWARIPHFYYNYYVYQYATGFSAATALSKQILEEGEPAVTRYLDF  560
NTDB id 480 HSISS4 RS02090 WP 002890133.1    SGQILTADFMNKLYADLNEKYYNLKA.EDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTY  550
consensus                                       *!!*! * ! !  !! !!!    *   !!  !! !!!!!! !!!!!!!!!!! !!* !   !**  !*    !! *
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logo
NTDB id 58390 B1NLA3E RS05255 WP 015592803.1   LKSGSSDYPIEVLKKAGVDMTSKTPIAEACKVFEEKLTEMENLLLKR....   607
NTDB id 480 HSISS4 RS02090 WP 002890133.1      LKAGSSDYPLEVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVEKGVHLS   601
consensus                                      !! !!!!!!*!!*!!!!!!!!    **   !*!!!!**! !*! !* ! ****
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X non conserved

X similar

X ≥ 50% conserved