```
logo
NTDB id 1023549 ABVK60 RS07335 WP 016388178.1  MQHLPARAEVPTELTWDLTTIYPDDKAWQVDFEAVRQQAKEAAALKGTLGNSPEALVAGIKAVLAVFRRFEKVYVYSSLK   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1      ..MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYASMK   78
consensus                                      *** * ! ***   !!!!!!!** !  !  **!   !  ! ! !  !*!  !*  !***    * * !! !!*!!! !*!

logo
NTDB id 1023549 ABVK60 RS07335 WP 016388178.1  SDQDTGNATYQAMNAKAESLAADLASQLAFMDPEILAIPADQLTAWRDTE.SLKPYGHFIDAITVNRQHVLTTAAESLIA  159
NTDB id 480 HSISS4 RS02090 WP 002890133.1      NDQDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEELLA  158
consensus                                       !!!!  * !!  *!!!  !   !    !* *!! *!**   !  *** !* ! *! !* * *  !* !!!*  !! !*!

logo
NTDB id 1023549 ABVK60 RS07335 WP 016388178.1  SAGDALNASHATFNVLNNSDLQFGFVENEDGETVQLSNGLYGQLIRSTNRKLRKDAFEALLRAYESLKNTFAQTLSGQIK  239
NTDB id 480 HSISS4 RS02090 WP 002890133.1      AAGDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQGVVK  238
consensus                                       !!!  !*** !!!!! ! !* !**!    !* ! !**! *  !* !  ! *!! !*!!*   !!   *!*!!!! ! *!

logo
NTDB id 1023549 ABVK60 RS07335 WP 016388178.1  AHNFNALAHHYPDARAAAMASNHIPESVYTTLLDQVNAHLPLLHRYIALRKKILNVDQLHMYDIYTPLTGRPPLSFTLDQ  319
NTDB id 480 HSISS4 RS02090 WP 002890133.1      VHNYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETET.ALTYEE  317
consensus                                       !!**!  *!!* !!*!!*! !*!!!!!! *!!* !! !!!!!!!!* !!!!*! *! !*!!!*!!!!*  ***  ! *

logo
NTDB id 1023549 ABVK60 RS07335 WP 016388178.1  AKDEALKALAPLGNDYLDHMREIFNNRYIDVVENKGKRSGAYSGGAYDTNPFILLNWHDAVDELYTLVHETGHSVHSWYT  399
NTDB id 480 HSISS4 RS02090 WP 002890133.1      SLKKAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHSTFT  397
consensus                                        !   !!* ! *!  ***  !  !*!!!**!!!!!!!!!!!!!!!!!*!!!!!*! *!  !*!!!!!!!!!*!! *!

logo
NTDB id 1023549 ABVK60 RS07335 WP 016388178.1  RHHQPYVYGDYPIFVAEIASTTNENLLTDYFLKNTNDPKVRAYILNYYLDGFKGTVFRQAQFADFEHWIHQQDQHGEPLT  479
NTDB id 480 HSISS4 RS02090 WP 002890133.1      RQTQPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQILT  477
consensus                                      !**!!!!!!!!!!!!*!!!!!!!!!!*!!*  !!   !*! !  !!!*!!!!!!!!!!!! !!!*!!! !!  ! *! *!!

logo
NTDB id 1023549 ABVK60 RS07335 WP 016388178.1  ATSMSSYYADLNARYYGPDVARDPEIAFEWARIPHFYYNYYVYQYATGFAAASTLAAGISGGEPEAVSRYIGYLKSGSSK  559
NTDB id 480 HSISS4 RS02090 WP 002890133.1      ADFMNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAGSSD  557
consensus                                      !  !   !!!!! *!! *     *!! !!! !!!!!! !!!!!!!!!!!!!!! !!  ! *! *!    !* !!! !!!
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logo
                                                  YPLEVIKKAGVDMTNTDYLEAAFSVFEQRLYELEKLVQKGVHLS
NTDB id 1023549 ABVK60 RS07335 WP 016388178.1    YAIDTMKAAGVDMTKPDYLEAAFSLFEQRLAELEKILQKG....   599
NTDB id 480 HSISS4 RS02090 WP 002890133.1        YPLEVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVEKGVHLS   601
consensus                                        !*** *! !!!!!! *!!!*!!! *!! !! !!! ** !!****
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X non conserved

X similar

X $\geq$ 50% conserved