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logo
NTDB id 197081 FAM18149p RS13975 WP 003577415.1  MQHLPARAEVPTELTWDLTTIYPDDKAWQVDFEAVRQQAKEAAALKGTLGKSPEALVAGIKAVLAVFRRFEKVYVYSSLK   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1        ..MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYASMK   78
consensus                                        *** * ! ***   !!!!!!!** !  !  **!   !  ! ! !  !*!  !*  !***    * * !! !!*!!! !*!

logo
NTDB id 197081 FAM18149p RS13975 WP 003577415.1  SDQDTGNAAYQAMNAKAESLAADLASQLAFMDPEILAIPADQLTAWRDTE.SLKPYGHFIDAITVNRQHVLTTAAESLIA  159
NTDB id 480 HSISS4 RS02090 WP 002890133.1        NDQDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEELLA  158
consensus                                         !!!!  * !!  *!!!  !   !    !* *!! *!**   !  *** !* ! *! !* * *  !* !!!*  !! !*!

logo
NTDB id 197081 FAM18149p RS13975 WP 003577415.1  SAGDALNASHATFNVLNNSDLQFGFVENEDGETVQLSNGLYGQLIRSTNRKLRKDAFEALLRAYESLKNTFAQTLSGQIK  239
NTDB id 480 HSISS4 RS02090 WP 002890133.1        AAGDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQGVVK  238
consensus                                         !!!  !*** !!!!! ! !* !**!    !* ! !**! *  !* !  ! *!! !*!!*   !!   *!*!!!! ! *!

logo
NTDB id 197081 FAM18149p RS13975 WP 003577415.1  AHNFNALAHHYPDARAAAMASNHIPESVYTTLLDQVNAHLPLLHRYIALRKKILNVDQLHMYDIYTPLTGRPPLSFTLDQ  319
NTDB id 480 HSISS4 RS02090 WP 002890133.1        VHNYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETET.ALTYEE  317
consensus                                         !!**!  *!!* !!*!!*! !*!!!!!! *!!* !! !!!!!!!* !!!!*! *! !*!!!*!!!!*  ***  ! *

logo
NTDB id 197081 FAM18149p RS13975 WP 003577415.1  AKDEALKALAPLGNDYLDHMREIFNNRYIDVVENKGKRSGAYSGGAYDTNPFILLNWHDAVDELYTLVHETGHSVHSWYT  399
NTDB id 480 HSISS4 RS02090 WP 002890133.1        SLKKAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHSTFT  397
consensus                                          !   !!* ! *!  ***  !  !*!!!**!!!!!!!!!!!!!!!!!!*!*!!!!*! *! !*!!!!!!!!!*!! *!

logo
NTDB id 197081 FAM18149p RS13975 WP 003577415.1  RHHQPYVYGDYPIFVAEIASTTNENLLTDYFLKNTNDPKVRAYILNYYLDGFKGTVFRQAQFADFEHWIHQQDQHGEPLT  479
NTDB id 480 HSISS4 RS02090 WP 002890133.1        RQTQPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQILT  477
consensus                                        !**!!!!!!!!!!!!*!!!!!!!!!!*!!*  !!   !*! !  !!!*!!!!!!!!!!!! !!!*!!! !!  ! *! *!!

logo
NTDB id 197081 FAM18149p RS13975 WP 003577415.1  ATSMSSYYADLNERYYGPDVARDPEIAFEWARIPHFYYNYYVYQYATGFAAASTLAAGISGGEPEAVSRYIGYLKSGSSK  559
NTDB id 480 HSISS4 RS02090 WP 002890133.1        ADFMNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAGSSD  557
consensus                                        !  !   !!!!! *!! *     *!! !!! !!!!!! !!!!!!!!!!!!!!! !!  ! *! *!    !* !!! !!!
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logo

NTDB id 197081 FAM18149p RS13975 WP 003577415.1   YAIDTMKAAGVDMTKPDYLEAAFSLFEQRLAELEEILQKG....   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