```
logo
NTDB id 200405 A4W84 RS01525 WP 186824060.1  MHKLPTRSEVPENLTWDLSTIFKSDSDFEVAVATLKQALPALEQYNQ.PFKTADQLVTTIEQVLTLFRQLETVYVYASMK   79
NTDB id 480 HSISS4 RS02090 WP 002890133.1    ..MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYASMK   78
consensus                                    **  * !****!  !!!!*!!! *! !*!    *  ! !*    !  **  *! *!*   !  **! ! !! *!!!!!!!

logo
NTDB id 200405 A4W84 RS01525 WP 186824060.1  NDQDTANTTYQGYQAQVDALAADVSAAAARLEPAILEIPVDQLTDWQTNEPALKSYQHFIQTITDSREHVLSGQEEALIA  159
NTDB id 480 HSISS4 RS02090 WP 002890133.1    NDQDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEELLA  158
consensus                                    !!!!!    !! !!!    !   *! ! !* !!  * **   ! **  *!!*!  ! !*   *   **!!!!   ! !*!

logo
NTDB id 200405 A4W84 RS01525 WP 186824060.1  AAGDIFGAASQTFSVLDNSDIQFPDVVDETGQTHQLSNGLYSQLLQSTDRQVRQDVFEALYSTYDQFKNTFATTLATEIK  239
NTDB id 480 HSISS4 RS02090 WP 002890133.1    AAGDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQGVVK  238
consensus                                    !!!!!! *** !! !!!! !! !! ! !   !  * !**! *  !* ! !! *!   *!!*! !!*!! *!*! !!   *!

logo
NTDB id 200405 A4W84 RS01525 WP 186824060.1  GHNYLAQVHHYDSARQAALAPKAIPESVYTTLVDQVNQHLPLLHRYVKLRQKQLALPQLHMYDLYTPLLGKPALSYTYPQ  319
NTDB id 480 HSISS4 RS02090 WP 002890133.1    VHNYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSET.ETALTYEE  317
consensus                                     !!! ! !*!! !!!*!!!!*  !!!!!! *!** !! !!!!!!!!* !! ! !*!* !*!!!*!!!!   *    !!*

logo
NTDB id 200405 A4W84 RS01525 WP 186824060.1  AQTTAREALAVLGPEYTPIVDQIFDQRQIDVVENKGKRSGAYSGGAYDTNPFILLNWQDDLNNLYTLVHETGHSVHSYLT  399
NTDB id 480 HSISS4 RS02090 WP 002890133.1    SLKKAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHSTFT  397
consensus                                       ! ! !!* !*!!** !*  !  ! !!!**!!!!!!!!!!!!!!!!!!*!*!!!!!! ! !!*!!!!!!!!!*!!  !

logo
NTDB id 200405 A4W84 RS01525 WP 186824060.1  RHNQPYVYGDYPIFVAEIASTTNENLLTEYLLKTQKDPKVQAYLLNYYLDGFKGTVFRQTQFAEFEHYIHDAAANGTPLT  479
NTDB id 480 HSISS4 RS02090 WP 002890133.1    RQTQPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQILT  477
consensus                                    !* !!!!!!!!!!!*!!!!!!!!!!*!!!  !!!   !!*!    *!!*!!!!!!!!!!!!!!!!!!!! !!*! ! ! *!!

logo
NTDB id 200405 A4W84 RS01525 WP 186824060.1  ADFMSTYYADLNEKYYNLKVEKNYQIQLEWERIPHFYMNYYVYQYATGFAAATTLADQISTNQPGALDNYLAYLKNGSAS  559
NTDB id 480 HSISS4 RS02090 WP 002890133.1    ADFMNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAGSSD  557
consensus                                    !!!!   !!!!! *!!       *  !  !! !!!!!!!!!!!!!!!!!!!!* !!* ! *  *   * !! !!! !!
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logo

NTDB id 200405 A4W84 RS01525 WP 186824060.1  YPIETMQKAGVDMTNADYLEHAFDVFEQRLDQLEALLADM....   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