```
logo
NTDB id 384673 FLQ07 RS13330 WP 023856662.1  MAEEKKSKKLPSREEVKQEDTWRLEDIFPSDDAWSEEFQAVKELLPKLSEFKGRLGHSADDLYEALTYQDKVMERLGKLY   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1    ........MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIY   72
consensus                                    ********  * ! **    !! !  !!**!  !  !*     !*! ! * !*! *!! !  !     *! !! !*!

logo

NTDB id 384673 FLQ07 RS13330 WP 023856662.1  TYAHMRYDQDTGNSFYQGLNDKAANLYTQAASATAYMVPEILSIQEEKLQQFLLEKEELKLYSHALEEINKERPHVLSEE  160
NTDB id 480 HSISS4 RS02090 WP 002890133.1    VYASMKNDQDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQE  152
consensus                                     !!*!* !!!!    !!  * !! !!!*!   ! !!  !! * * * !!  !    * ! !! !  ! *   **!!!! !

logo

NTDB id 384673 FLQ07 RS13330 WP 023856662.1  EEGILAEASDVLSSSSNTFGMLNNADMEFPEITDENGEKVQLTHGNYVTFLESENRDVRRAAFKAVYETYGRFKNTLAST  240
NTDB id 480 HSISS4 RS02090 WP 002890133.1    AEELLAAAGDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQT  232
consensus                                     ! *!! ! !*   ** !! *! !!!* !! **! *!* ! !!!!!**! *!!  !!*!**!* !*! !!  ! *! ! !

logo

NTDB id 384673 FLQ07 RS13330 WP 023856662.1  LSGAVKKDNFYAKVKHYKSAREAALSRNSIPEEVYDNLVSTINKHLPLLHRYVELRKKVLELDEVHMYDLYTPLVKDSGM  320
NTDB id 480 HSISS4 RS02090 WP 002890133.1    LQGVVKVHNYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETE.T  311
consensus                                    ! ! !! *!* !!!*!! !!!*!!!  ! !!! !!! !* **!!!!!!!!!!**!!!!!! !!!**!!!*!!!!    *

logo

NTDB id 384673 FLQ07 RS13330 WP 023856662.1  KVTYEQAKDYMLKGLTPLGEEYSSILKEGLNNRWVDVYENKGKRSGAYSSGTYGTNPYILMNWQDNVNNLFTLVHEFGHS  400
NTDB id 480 HSISS4 RS02090 WP 002890133.1    ALTYEESLKKAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHS  391
consensus                                     *!!!          ! * !!!!!  ** *   !!*!!**!!!!!!!!!! ! ! !!***!*!!!! * !!!!!!!! !!!

logo

NTDB id 384673 FLQ07 RS13330 WP 023856662.1  VHSYYTRKYQPYPYGNYSIFVAEVASTTNEALLGEYLLNTIDDEKQRLYILNHMLEGFKGTVFRQTMFAEFEHEIHSKAQ  480
NTDB id 480 HSISS4 RS02090 WP 002890133.1    LHSTFTRQTQPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADA  471
consensus                                    *!! *!!  !!!*!! !*!!*!!*!!!!!! *! ! !!  * !*! !  !!!! !*!!!!!!!!!! !!!!!! !!

logo

NTDB id 384673 FLQ07 RS13330 WP 023856662.1  EGEPLTPELLTSIYYDLNKKYFGDNIEIDKEIGLEWSRIPHFYYNYYVYQYATGFSAAQALSQQILKEGKSAVDRYIEFL  560
NTDB id 480 HSISS4 RS02090 WP 002890133.1    SGQILTADFMNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYL  551
consensus                                     ! *!!** *  *! !!! !!*    !   !!  !! !!!!!! !!!!!!!!!!!! !!  !   !**      * !* *!
```

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logo
                                                  KAGSSDYPIEVLKKAGVDMTSSEPIEAACKKFEEQLNEMEELLQKVNHS.   609
NTDB id 384673 FLQ07 RS13330 WP 023856662.1
NTDB id 480 HSISS4 RS02090 WP 002890133.1         KAGSSDYPLEVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVEKGVHLS   601
consensus                                         !!!!!!!!*!!*!!!!!!!! *****!!*! !!* ! !*! !* !  ! *
```

X non conserved

X similar

X $\geq$ 50% conserved