```
logo
NTDB id 43313 LLCC RS06080 WP 021165608.1  MVKNRNEIPEALTWDLTTIFSTDQKWETELEKVKKELSLVETNDKGHLLDSAETLLTITKNMLSISQKVEKLYVYASMKNDQDTR   85
NTDB id 480 HSISS4 RS02090 WP 002890133.1  MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKA.SAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYASMKNDQDTT   84
consensus                                  !  !! ***!  !!!!!!!! !!  !!!! !    *!   **   !!!!!!!  !!  !   *!*  **!!*!!!!!!!!!!!!

logo
NTDB id 43313 LLCC RS06080 WP 021165608.1  EAKYQEYQSKATALYVNFGESYAFYEPEFLKITKETYEQWLEILQELKNYDHMFERLFAKKEHILSQKEEKILAAAGEIFESPSE  170
NTDB id 480 HSISS4 RS02090 WP 002890133.1  VGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEELLAAAGDIFNGPTD  169
consensus                                   * !!!!! !!* !! *  ! *!**!!!!* *       * !  * !  !!! !!!! ! !*!*!!!  ! *!!!!!*!!  !**

logo
NTDB id 43313 LLCC RS06080 WP 021165608.1  TFEIFDNADVKFPFVKNELGEKIQLTHGNYSSLMESKNREVRKAAYEALYSNYEQYQHTYAKTLQTNVKVHNFNAQIRAYDSARQ  255
NTDB id 480 HSISS4 RS02090 WP 002890133.1  TFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQGVVKVHNYQAKVRHYNSARH  254
consensus                                  !! * !!!!* !!*!    !* * !!!!!* *!!!!! !**!!*!!!!*!  !!!*!!!!! !!!  !!!!!**! *!*! !!!*

logo
NTDB id 43313 LLCC RS06080 WP 021165608.1  AALMSNFVPEKVYDVLIEGIHQHLPLLHRYIELRKKILGISDFKMYDIYTPLSNLDYKFNYTEGVKKAQEVLAIFGEEYSQKVKA  340
NTDB id 480 HSISS4 RS02090 WP 002890133.1  AALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETETALTYEESLKKAEEVLAIFGEEYSKGVHA  339
consensus                                  !!!  !!*!! !!! !*! ** !!!!!!!!**!!!!*!!* * !!!!*!!!!!  *    ! ! *!!! !!!!!!!!!!!  !*!

logo
NTDB id 43313 LLCC RS06080 WP 021165608.1  AFDERWIDVEENVGKRSGAYSGGSYDTKAFMLLNWQGTLDDLFTLVHEMGHSIHSTFTRENQPYVYGDYPIFLAEIASTTNENIL  425
NTDB id 480 HSISS4 RS02090 WP 002890133.1  AFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHSTFTRQTQPYVYGDYPIFLAEIASTTNENIL  424
consensus                                  !! !!!!!!**! !!!!!!!!!! !!! !!!!!!! !!! !!!!!!! !!!*!!!!!!  !!!!!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 43313 LLCC RS06080 WP 021165608.1  TETLLKESNDEKERFALLNHWLDSFRGTVFRQSQFAEFEQKIHEVDAEGEVLTSEFLNSLYGELNEKYYGLSAKENPEIQFEWAR  510
NTDB id 480 HSISS4 RS02090 WP 002890133.1  TETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQILTADFMNKLYADLNEKYYNLKAEDNYEIQFEWER  509
consensus                                  !!!!!!!   !*! !!!*!!!*!! !*!!!!!!*!!!!!!* !!!  !!  ! *!! *!*! !!**!!!!!!  ! !  *!*!!!!!! !

logo
NTDB id 43313 LLCC RS06080 WP 021165608.1  IPHFYYNFYVFQYATGFAAASFLAEKVVHGSATDRQNYLDYLKAGSSAYPLDVIAKAGVNMESTDYLESAFKLFEKRLNELEKLV  595
NTDB id 480 HSISS4 RS02090 WP 002890133.1  IPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAGSSDYPLEVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALV  594
consensus                                  !!!!! !*!!*!!!!!!!!!!!*!!!!*!!!*  !*  !! !!!!!!! !!!*!! !!!! !  !!!!* !!!*!! !! !!! !!
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logo

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NTDB id 43313 LLCC RS06080 WP 021165608.1  EKGVHL.   601
NTDB id 480 HSISS4 RS02090 WP 002890133.1  EKGVHLS   601
consensus                                  !!!!!!*
```

X non conserved

X similar

X $\geq$50% conserved