```
logo
NTDB id 315867 LLB26 RS08205 WP 081172469.1  MVKNRNEIPEALTWDLTTIFSTDQKWETELEKVKKELSLVETNDKGHLLDSAETLLTITKNMLSISQKVEKLYVYASMKN   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1    MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKA.SAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYASMKN   79
consensus                                    !  !! ***!  !!!!!!!! !!  !!!! !    *!   **   !!!!!!!  !!  !   *!*  **!!*!!!!!!!!

logo
NTDB id 315867 LLB26 RS08205 WP 081172469.1  DQDTREAKYQEYQSKATALYVNFGESYAFYEPEFLKITKETYEQWLEILQELKNYDHMFERLFAKKEHILSQKEEKILAA  160
NTDB id 480 HSISS4 RS02090 WP 002890133.1    DQDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEELLAA  159
consensus                                    !!!!  * !!!!! !!* !! *  ! *!**!!!!* *       * !  * !  !!! !!!! ! !*!*!!!  ! *!!!

logo
NTDB id 315867 LLB26 RS08205 WP 081172469.1  AGEIFESPSETFEIFDNADVKFPFVKNELGEKIQLTHGNYSSLMESKNREVRKAAYEALYSNYEQYQHTYAKTLQTNVKV  240
NTDB id 480 HSISS4 RS02090 WP 002890133.1    AGDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQGVVKV  239
consensus                                    !!*!!  !**!! * !!!!* !!*!    !* * !!!!!* *!!!!! !**!!*!!!!*!  !!!*!!!!! !!!  !!!

logo
NTDB id 315867 LLB26 RS08205 WP 081172469.1  HNFNAQIRAYDSARQAALMSNFVPEKVYDVLIEGIHQHLPLLHRYIELRKKILGISDFKMYDIYTPLSNLDYKFNYTEGV  320
NTDB id 480 HSISS4 RS02090 WP 002890133.1    HNYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETETALTYEESL  319
consensus                                    !!**! *!*! !!!*!!!  !!*!! !!! !*! ** !!!!!!!**!!!!*!!* * !!!!*!!!!!  *    ! ! *

logo
NTDB id 315867 LLB26 RS08205 WP 081172469.1  KKAQEVLAIFGEEYSQKVKAAFDERWIDVEENVGKRSGAYSGGSYDTKAFMLLNWQGTLDDLFTLVHEMGHSIHSTFTRE  400
NTDB id 480 HSISS4 RS02090 WP 002890133.1    KKAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHSTFTRQ  399
consensus                                    !!! !!!!!!!!!!!  !*!!! !!!!!!**! !!!!!!!!!! !!! !!!!!!!! !!! !!!!!!! !!!*!!!!!!

logo
NTDB id 315867 LLB26 RS08205 WP 081172469.1  NQPYVYGDYPIFLAEIASTTNENILTETLLKESNDEKERFALLNHWLDSFRGTVFRQSQFAEFEQKIHEVDAEGEVLTSE  480
NTDB id 480 HSISS4 RS02090 WP 002890133.1    TQPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQILTAD  479
consensus                                     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!  !*! !!!*!!!*!! !*!!!!!!*!!!!!!* !!! !!  !  *!! *

logo
NTDB id 315867 LLB26 RS08205 WP 081172469.1  FLNSLYGELNEKYYGLSAKETPEIQFEWARIPHFYYNFYVFQYATGFAAASFLAEKVVHGSATDRQNYLDYLKAGSSAYP  560
NTDB id 480 HSISS4 RS02090 WP 002890133.1    FMNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAGSSDYP  559
consensus                                    !*! !!**!!!!!! ! ! * *!!!!!! !!!!!! !*!!*!!!!!!!!!!!*!!!!*!!!*  !*  !! !!!!!!! !!
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logo
NTDB id 315867 LLB26 RS08205 WP 081172469.1  LDVIAKAGVNMESTDYLESAFKLFEKRLNELEKLVEKGVHL.   601
NTDB id 480 HSISS4 RS02090 WP 002890133.1    LEVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVEKGVHLS   601
consensus                                    !*!! !!!! !  !!!!* !!!*!! !! !!! !!!!!!!!*
```

X non conserved

X similar

X $\geq$ 50% conserved