```
logo
NTDB id 183027 LLJM3 RS09185 WP 011676724.1  MVKNRNEIPEALTWDLTTIFSTDQKWETELEKVKKELSLVETNDKGHLLDSAETLLTITKNMLSISQKVEKLYVYASMKN   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1    MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKA.SAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYASMKN   79
consensus                                    !  !! ***!  !!!!!!!! !!  !!!! !   *!   **   !!!!!!!  !!  !   *!*  **!!*!!!!!!!!

logo
NTDB id 183027 LLJM3 RS09185 WP 011676724.1  DQDTREAKYQEYQSKATALYVNFGESYAFYEPEFLKITKETYEQWLEILQELKNYDHMFERLFAKKEHILSQKEEKILAA  160
NTDB id 480 HSISS4 RS02090 WP 002890133.1    DQDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEELLAA  159
consensus                                    !!!!  * !!!!! !!* !! *  ! *!**!!!!* *       * !  * !  !!! !!!! ! !*!*!!!  ! *!!!

logo
NTDB id 183027 LLJM3 RS09185 WP 011676724.1  AGEIFESPSETFEIFDNADVKFPFVKNELGEKIQLTHGNYSSLMESKNREVRKAAYEALYSNYEQYQHTYAKTLQTNVKV  240
NTDB id 480 HSISS4 RS02090 WP 002890133.1    AGDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQGVVKV  239
consensus                                    !!*!!  !**!! * !!!!* !!*!    !* * !!!!!* *!!!!! !**!!*!!!!*!  !!!*!!!!! !!!  !!!

logo
NTDB id 183027 LLJM3 RS09185 WP 011676724.1  YNFNAQIRAYDSARQAALMSNFVPEKVYDVLIEGIHQHLPLLHRYIELRKKILGISDFKMYDIYTPLSNLDYKFNYTEGV  320
NTDB id 480 HSISS4 RS02090 WP 002890133.1    HNYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETETALTYEESL  319
consensus                                    *!**! *!*! !!!*!!!  !!*!! !!! !*! ** !!!!!!!**!!!!*!!* * !!!!*!!!!!  *    ! ! *

logo
NTDB id 183027 LLJM3 RS09185 WP 011676724.1  KKAQEVLAIFGEEYSQKVKAAFEQRWIDVEENIGKRSGAYSGGSYDTNAFMLLNWQETLDDLFTLVHETGHSMHSAFTRE  400
NTDB id 480 HSISS4 RS02090 WP 002890133.1    KKAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHSTFTRQ  399
consensus                                    !!! !!!!!!!!!!!  !*!!!  !!!!!**! !!!!!!!!!! !!!!!!!!!!!!*!!! !!!!!!!!!!!*!! !!!

logo
NTDB id 183027 LLJM3 RS09185 WP 011676724.1  NQPYVYGNYPIFLAEIASTTNENILTETLLKESKDDKERFALLNHWLDSFRGTVFRQSQFAEFEQKIHEVDAEGEVLTSE  480
NTDB id 480 HSISS4 RS02090 WP 002890133.1    TQPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQILTAD  479
consensus                                     !!!!!! !!!!!!!!!!!!!!!!!!!!!!! !!!!  !!!*!!!*!! !*!!!!!!*!!!!!!* !!!  !!  !  *!!  *

logo
NTDB id 183027 LLJM3 RS09185 WP 011676724.1  FLNSLYGELNEKYYGLSAKENPEIQFEWARIPHFYYNFYVFQYATGFAEASFLAEKVVHGSATDRQNYLDYLKAGSSAYP  560
NTDB id 480 HSISS4 RS02090 WP 002890133.1    FMNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAGSSDYP  559
consensus                                    !*! !!**!!!!!! ! ! *!*!!!!!! !!!!!! !*!!*!!!!!!! !!*!!!!*!!!*  !*  !! !!!!!!! !!
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logo
                                                  LDVIAKAGVNMESTDYLESAFKLFEKRLNELEKLVEKGVHL.
NTDB id 183027 LLJM3 RS09185 WP 011676724.1  LDVIAKAGVNMESTDYLESAFKLFEKRLNELEKLVEKGVHL.   601
NTDB id 480 HSISS4 RS02090 WP 002890133.1    LEVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVEKGVHLS   601
consensus                                    !*!! !!!! !  !!!!* !!!*!! !! !!! !!!!!!!!*
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X non conserved

X similar

X $\geq$ 50% conserved