```
logo
NTDB id 71747 EL269 RS04520 WP 001282902.1  MSDNRSHIEEKYQWDLTTVFATDELWETEVVELTQAIDNAKGFSGHLLDSSQSLLEITEVELDLSRRLEKVYVYASMKNDQDTTV   85
NTDB id 480 HSISS4 RS02090 WP 002890133.1  MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYASMKNDQDTTV   85
consensus                                  !!!!!*!*!!!! !!!!!*!!!! !!!!     ! *  ! ** !!!!!!   !!  !!* * ! !!!!!*!!!!!!!!!!!!!!!

logo
NTDB id 71747 EL269 RS04520 WP 001282902.1  AKYQEFQAKATALYAKFSETFSFYEPELLQLSESDYQSFLLEMPDLQKYDHFFEKIFANKPHVLSQNEEELLAGASEIFGAAGET  170
NTDB id 480 HSISS4 RS02090 WP 002890133.1  GLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEELLAAAGDIFNGPTDT  170
consensus                                  * !!!*!!!!* !!   !! ! **!!! * ! *    !   ! !  !!!*!!** !!!*!!!!!  !!!!!*! *!! ** *!

logo
NTDB id 71747 EL269 RS04520 WP 001282902.1  FEILDNADMVFPVVKNAKGEEVELTHGNFISLMESSDRTVRKEAYQAMYSTYEQFQHTYAKTLQTNVKSQNFKARVHHYQSARQS  255
NTDB id 480 HSISS4 RS02090 WP 002890133.1  FNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQGVVKVHNYQAKVRHYNSARHA  255
consensus                                  ! *!!!!!**!! !  * !* !!!!!!!!!*!!!! !! *!! !! !!! !!!!!!!!!! !!!  !! *!* !*!*!!*!!!*

logo
NTDB id 71747 EL269 RS04520 WP 001282902.1  ALSANFIPEEVYETLIKTVNHHLPLLHRYMKLRQKVLGLDDLKMYDVYTPLSQMDMSFTYDEALKKSEEVLAIFGEAYSERVHRA  340
NTDB id 480 HSISS4 RS02090 WP 002890133.1  ALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETETALTYEESLKKAEEVLAIFGEEYSKGVHAA  340
consensus                                  !! !!!!!! !!**!* *!!*!!!!!!!!* !! !!!!!!*!!!!!!!!!!!  *   !!*! !!! !!!!!!!!! !!  !! !

logo
NTDB id 71747 EL269 RS04520 WP 001282902.1  FTERWIDVHVNKGKRSGAYSGGSYDTNAFMLLNWQDTLDNLYTLVHETGHSLHSTFTRENQPYVYGDYSIFLAEIASTTNENILT  425
NTDB id 480 HSISS4 RS02090 WP 002890133.1  FTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHSTFTRQTQPYVYGDYPIFLAEIASTTNENILT  425
consensus                                  !!!!!!!!!*!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!  !!!!!!!!*!!!!!!!!!!!!!!!!

logo
NTDB id 71747 EL269 RS04520 WP 001282902.1  ETLLKEVKDDKNRFAILNHYLDGFKGTIFRQTQFAEFEHAIHVADQEGQVLTSEYLNNLYAELNEKYYGLTKEDNHFIQYEWARI  510
NTDB id 480 HSISS4 RS02090 WP 002890133.1  ETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQILTADFMNKLYADLNEKYYNLKAEDNYEIQFEWERI  510
consensus                                  !!!!!!!!!!! !!!!!!!!!!!!!!!!*!!!!!!!!!!!!!! !!  !!*!! ***! !!!*!!!!!! !  !!!* !!*!! !!

logo
NTDB id 71747 EL269 RS04520 WP 001282902.1  PHFYYNYYVFQYATGFAAANYLAERIVNGNPEDKEAYLNYLKAGNSDYPLNVIAKAGVDMTSADYLDAAFRVFEERLVELENLVA  595
NTDB id 480 HSISS4 RS02090 WP 002890133.1  PHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAGSSDYPLEVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVE  595
consensus                                  !!!! !!!!*!!!!!!!!! !!!!*!!*! *!!!!!!! !!!!! !!!!! !! !!!!!!!  !!!!!!!*!!!*!!!!!! !!
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```
logo                                          KGVHNS
                                              LD
NTDB id 71747 EL269 RS04520 WP 001282902.1    KGVHND   601
NTDB id 480 HSISS4 RS02090 WP 002890133.1     KGVHLS   601
consensus                                     ????
```

X non conserved
X similar
X $\geq$ 50% conserved