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logo
NTDB id 85746 STYK RS04780 WP 261047672.1  MVLQRHEINEKDTWDLSTIYPTDQAWEEALKDLTEQLEKVSQYEGHLLDSADSLLEITEFSLEMERQMEKLYVYAHMKNDQDTRE   85
NTDB id 480 HSISS4 RS02090 WP 002890133.1  MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYASMKNDQDTTV   85
consensus                                  !  *!*** !! !!!!*!!**!!  !!          ! ! ! ! !!!!!!! !!  !!  * * ! *!!*!!!!*!!!!!!!

logo
NTDB id 85746 STYK RS04780 WP 261047672.1  AKYQEYYAKAMTLYSQLDQAFSFYEPEFMEISEEQYADFLEAQPKLQVYQHYFDKLLQGKEHVLSQREEELLAGAGEIFGSASET   170
NTDB id 480 HSISS4 RS02090 WP 002890133.1  GLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEELLAAAGDIFNGPTDT   170
consensus                                  * !!!! !!!  !!!!!  !! **!!!!! * *   !*! !  ! ! *! !!!**!!  !*!!!!!  !!!!!*!!*!!  ***!

logo
NTDB id 85746 STYK RS04780 WP 261047672.1  FAILDNADIVFPYVLDDDGKEVQLSHGTYTRLMESKNREVRRGAYQALYATYEQFQHTYAKTLQTNVKVQNYRAKVRNYKSARHA   255
NTDB id 480 HSISS4 RS02090 WP 002890133.1  FNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQGVVKVHNYQAKVRHYNSARHA   255
consensus                                  ! *!!!!!!*!!*! !  !  ! !*!! *  !!!!! !**!*!!! !*!*!!!!!!!!!! !!!  !!!*!! !!!!*! !!!!!

logo
NTDB id 85746 STYK RS04780 WP 261047672.1  ALAANFVPESVYDNLVAAVRKHLPLLHRYLELRSKILGISDLKMYDVYTPLSSVEYSFTYQEALKKAEEALAVLGEDYLSRVKRA   340
NTDB id 480 HSISS4 RS02090 WP 002890133.1  ALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETETALTYEESLKKAEEVLAIFGEEYSKGVHAA   340
consensus                                  !!!!!!*!!!!!! !*  ! !!!!!!!!!!*!! !*!!* *!!!!!!!!!!!  !   !! ! !!!!!! !!* !!*!   !* !

logo
NTDB id 85746 STYK RS04780 WP 261047672.1  FSERWIDVYENQGKRSGAYSGGSYDTNAFMLLNWQDNLDNLFTLVHETGHSMHSSYTRETQPYVYGDYSIFLAEIASTTNENILT   425
NTDB id 480 HSISS4 RS02090 WP 002890133.1  FTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHSTFTRQTQPYVYGDYPIFLAEIASTTNENILT   425
consensus                                  !*!!!!!!**! !!!!!!!!!! !!!!!!!!!!!!! !!!!!!!!!!!!!!*!!**!! !!!!!!!!!*!!!!!!!!!!!!!!!

logo
NTDB id 85746 STYK RS04780 WP 261047672.1  EKLLEEVEDDATRFAILNNFLDGFRGTVFRQTQFAEFEHAIHQADQNGEVLTSDFLNKLYADLNQVYYGLSKEDNPEIQYEWARI   510
NTDB id 480 HSISS4 RS02090 WP 002890133.1  ETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQILTADFMNKLYADLNEKYYNLKAEDNYEIQFEWERI   510
consensus                                  ! !! !! !! !!!!!!!**!!!!!*!!!!!!!!!!!!!!!!! !!   ! *!! !!*!!!!!!!!  !! !  !!!*!!!*!! !!

logo
NTDB id 85746 STYK RS04780 WP 261047672.1  PHFYYNYYVYQYSTGFAAASALAEKIVHGSQEDRDRYIDYLKAGKSDYPLNVMRKAGVDMEKEDYLNDAFAVFERRLNEFEALVE   595
NTDB id 480 HSISS4 RS02090 WP 002890133.1  PHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAGSSDYPLEVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVE   595
consensus                                  !!!! !!!!!!! !!!!!!! !!!!!!!!* !!** !* !!!!! !!!!! !**!!!!!!   !!!  !! !!! !! ! !!!!!
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logo                                          KLVLL
                                              KGGHAS
NTDB id 85746 STYK RS04780 WP 261047672.1     KLGLA.   600
NTDB id 480 HSISS4 RS02090 WP 002890133.1     KGVHLS   601
consensus                                     !  * *
```

X non conserved

X similar

X $\geq$50% conserved