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logo
NTDB id 98892 R8570 RS04415 WP 050263863.1  MVLQRNEINEKDTWDLSTIYPTDQAWEEALKDLTEQLETVAQYEGHLLDSADNLLEITEFSLEMERQIEKLYVYAHMKNDQDTRE   85
NTDB id 480 HSISS4 RS02090 WP 002890133.1   MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYASMKNDQDTTV   85
consensus                                   !  *! ** !! !!!!*!!**!!  !!         !     ! !!!!!!! !!!  !!  * * ! *!!*!!!!*!!!!!!!

logo
NTDB id 98892 R8570 RS04415 WP 050263863.1  AKYQEYYAKAMTFYSQLDQAFSFYEPEFMEISEKQYADFLEAQPKLQVYQHYFDKLLQGKDHVLSQREEELLAGAGEIFGSASET  170
NTDB id 480 HSISS4 RS02090 WP 002890133.1   GLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEELLAAAGDIFNGPTDT  170
consensus                                   * !!!! !!!    !!!!  !! **!!!!! * *!  !*! !  ! ! *! !!!**!!  !!!!!!!  !!!!!*!!*!!  ***!

logo
NTDB id 98892 R8570 RS04415 WP 050263863.1  FAILDNADIVFPYVLDDDGKEVQLSHGTYTRLMESKKREVRRGAYQALYATYEQFQHTYAKTLQTNVKVQNYRAKVRNYKSARHA  255
NTDB id 480 HSISS4 RS02090 WP 002890133.1   FNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQGVVKVHNYQAKVRHYNSARHA  255
consensus                                   ! *!!!!!!*!!*! !  !  ! !*!! *  !!!!! !**!*!!! !*!*!!!!!!!!!! !!!  !!!*!! !!!!*! !!!!!

logo
NTDB id 98892 R8570 RS04415 WP 050263863.1  ALAANFVPESVHDNLVAAVRKHLPLLHRYLELRSKILGISDLKMYDVYTPLSSVEYSFTYQEALKKAEDALAVLGEDYLSRVKRA  340
NTDB id 480 HSISS4 RS02090 WP 002890133.1   ALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETETALTYEESLKKAEEVLAIFGEEYSKGVHAA  340
consensus                                   !!!!!!*!!!!*! !*  ! !!!!!!!!!!*!! !*!!* *!!!!!!!!!!!!  !   !! ! !!!!!* !!* !!*!   !* !

logo
NTDB id 98892 R8570 RS04415 WP 050263863.1  FSERWIDVYENQGKRSGAYSGGSYDTNAFMLLNWQDNLDNLFTLVHETGHSMHSSYTRETQPYVYGDYSIFLAEIASTTNENILT  425
NTDB id 480 HSISS4 RS02090 WP 002890133.1   FTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHSTFTRQTQPYVYGDYPIFLAEIASTTNENILT  425
consensus                                   !*!!!!!!**! !!!!!!!!!! !!!!!!!!!!!!! !!!!!!!!!!!!!!!*!!**!! !!!!!!!!!*!!!!!!!!!!!!!!!!

logo
NTDB id 98892 R8570 RS04415 WP 050263863.1  EKLLEEVEDDATRFAILNNFLDGFRGTVFRQTQFAEFEHAIHQADQNGEVLTSDFLNKLYADLNQEYYGLSKEDNPEIQYEWARI  510
NTDB id 480 HSISS4 RS02090 WP 002890133.1   ETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQILTADFMNKLYADLNEKYYNLKAEDNYEIQFEWERI  510
consensus                                   ! !!  !!  !!  !!!!!!!**!!!!*!!!!!!!!!!!!!!!!! !!   !  *!! !!*!!!!!!!!  !!  !   !!!*!!!*!! !!

logo
NTDB id 98892 R8570 RS04415 WP 050263863.1  PHFYYNYYVYQYSTGFAAASALAEKIVHGSQEDRDRYIDYLKAGKSDYPLNVMRKAGVDMEKEDYLNDAFAVFERRLNEFEALVE  595
NTDB id 480 HSISS4 RS02090 WP 002890133.1   PHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAGSSDYPLEVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVE  595
consensus                                   !!!! !!!!!!! !!!!!!! !!!!!!!!* !!** !* !!!!! !!!!! !**!!!!!!   !!!  !! !!! !! ! !!!!!
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logo

NTDB id 98892 R8570 RS04415 WP 050263863.1    KLGLA.    600
NTDB id 480 HSISS4 RS02090 WP 002890133.1     KGVHLS    601
consensus                                     !  * *
```

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