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logo

NTDB id 61883 SIR RS15445 WP 021002943.1   MAKQRNEIEEKYTWNLTTIFPTDEAFEMELAQVSKELKEASHLAGHLLDSADSLLKTTAIQMDLMRRIEKLYSYAHMKNDQDTRV   85
NTDB id 480 HSISS4 RS02090 WP 002890133.1  MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYASMKNDQDTTV   85
consensus                                  !  *! **!!!!!! !!!!!*!!  *! !      *!! !!* !!!!!!!! !!  ! * ! !!!!*!!*! !!*!!!!!!! !

logo

NTDB id 61883 SIR RS15445 WP 021002943.1   AKYQEYQAKGMAIYSEFGQVFAFYEPEFMAITDEQYQAFLAEKPELQVYQHFFDKLLQKKPHILSQREEELLAGAGEIFSAAGDT   170
NTDB id 480 HSISS4 RS02090 WP 002890133.1  GLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEELLAAAGDIFNGPTDT   170
consensus                                  * !!!!!!!*  *!!     !!**!!!!!!* !     !   ! ! *! !*!**!!  !*!*!!!  !!!!!*!!*!! ** !!

logo

NTDB id 61883 SIR RS15445 WP 021002943.1   FGILDNADIVFPIVHDEEGNEVQLTHGNYISLVEAKNRTVRKEAYEALYSVYEQYQHTYAKTLQTNVKVHNYNAKVRKFSSAREA   255
NTDB id 480 HSISS4 RS02090 WP 002890133.1  FNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQGVVKVHNYQAKVRHYNSARHA   255
consensus                                  ! *!!!!!!*!! !*!  !  ! !!!!!*!*!*! ! ! *!! !!!!*!  !!!*!!!!! !!!  !!!!!!*!!!!** !!!*!

logo

NTDB id 61883 SIR RS15445 WP 021002943.1   ALSANFIPESVYESLVSAVNKHLPLLHRYVQLRAKILGISDLKMYDVYTPLSEVDYKFTYEAALTKAEEVLAILGDDYLNRVKKA   340
NTDB id 480 HSISS4 RS02090 WP 002890133.1  ALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETETALTYEESLKKAEEVLAIFGEEYSKGVHAA   340
consensus                                  !! !!!!!!!!!*!!*  !!!!!!!!!!!!* !! !*!!* *!!!!!!!!!!!! *   !!!  ! !!!!!!!! !**!   !* !

logo

NTDB id 61883 SIR RS15445 WP 021002943.1   FSERWIDVCENQGKRSGAYSGGSYDTNAFMLLNWQDTLDNLFTLVHETGHSMHSSYTRETQPYVYGDYSIFLAEIASTTNENILT   425
NTDB id 480 HSISS4 RS02090 WP 002890133.1  FTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHSTFTRQTQPYVYGDYPIFLAEIASTTNENILT   425
consensus                                  !*!!!!!! *! !!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!**!! !!!!!!!!!*!!!!!!!!!!!!!!!!

logo

NTDB id 61883 SIR RS15445 WP 021002943.1   EKLLEEVDDDQTRFAILNHFLDGFRGTVFRQTQFAEFEHAIHKADQEGQVLTSEFLNDLYADLNEKYYGLTKEDNPQIQYEWARI   510
NTDB id 480 HSISS4 RS02090 WP 002890133.1  ETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQILTADFMNKLYADLNEKYYNLKAEDNYEIQFEWERI   510
consensus                                  ! !! !! !! !!!!!!!!*!!!!!*!!!!!!!!!!!!!!!!!! !!   !!*!! *!*! !!!!!!!!!! !   !!!* !!*!! !!

logo

NTDB id 61883 SIR RS15445 WP 021002943.1   PHFYYDYYVFQYATGFSAASALADKIVNGTQEDKEKYLHYLKAGNSDYPLNVIKKAGVDMEKEDYLNAAFAVFERRLDEFEALVE   595
NTDB id 480 HSISS4 RS02090 WP 002890133.1  PHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAGSSDYPLEVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVE   595
consensus                                  !!!!  !!!*!!!!!! !!! !!*!!!*!! !!!! !!*!!!!! !!!!! !!!!!!!!!   !!! !!! !!! !! ! !!!!!
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logo

NTDB id 61883 SIR RS15445 WP 021002943.1      KLGLA.   600
NTDB id 480 HSISS4 RS02090 WP 002890133.1     KGVHLS   601
consensus                                     !  * *
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X non conserved

X similar

X $\geq$50% conserved