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logo
NTDB id 75465 DK92 RS03325 WP 047235768.1   MTDNRSHLEEKYTWDLSTIFATDKDWEAEVSDLATEVEASKGFAGHLLDSSANLLKVTKTYLELARRVEKVYVYAHMKNDQDTTV   85
NTDB id 480 HSISS4 RS02090 WP 002890133.1   MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYASMKNDQDTTV   85
consensus                                   !*!!!*!!!!!!!!!!*!!!!!! !!! !       **    **!!!!!!! !!! !  !* ! !!*!!*!!!!*!!!!!!!!!

logo
NTDB id 75465 DK92 RS03325 WP 047235768.1   AKYQEYQAKASGLYAKFSEVFSFYDPEVMALSQEDYQAFLAETPDLKRYHHFFDKLFQTRDHVLSQAEEELLAGAQEIFNGAEET   170
NTDB id 480 HSISS4 RS02090 WP 002890133.1   GLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEELLAAAGDIFNGPTDT   170
consensus                                   * !!!!!!!!! !!   !! ! ***!! !!!        !    ! !  !*!*!**!   *!!!!!!  !!!!!*! *!!!!* *!

logo
NTDB id 75465 DK92 RS03325 WP 047235768.1   FSILDNADIVFPVVKNDKGEDVELTHGNFISLMESKDRSIRQAAYEAMYSTYEQFQHTYAKTLQTNVKVQNYKARVHKYDSARQA   255
NTDB id 480 HSISS4 RS02090 WP 002890133.1   FNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQGVVKVHNYQAKVRHYNSARHA   255
consensus                                   ! *!!!!!!*!! !    !* !!!!!!!!!*!!!!!!! !! *!!!!!! !!!!!!!!!! !!!  !!!*!! !*!**! !!!*!

logo
NTDB id 75465 DK92 RS03325 WP 047235768.1   AMAANFIPEAVYDTLLETVNKHLPLLHRYLKLRQEVLGLDDLKMYDVYTPLSETDLAIGYDEALEKAEKVLAVFGKDYADRVHRA   340
NTDB id 480 HSISS4 RS02090 WP 002890133.1   ALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETETALTYEESLKKAEEVLAIFGEEYSKGVHAA   340
consensus                                   !*!!!!!!! !!!*!!!*!!!!!!!!!!!!! !!  !!!!!*!!!!!!!!!!!!!* !*  !*! ! !!! !!!*!! *!   !! !

logo
NTDB id 75465 DK92 RS03325 WP 047235768.1   FTERWIDVHVNKGKRSGAYSGGSYDTNAFMLLNWQDTLDNLYTLVHETGHSLHSTFTRETQPYVYGDYSIFLAEIASTTNENIMT   425
NTDB id 480 HSISS4 RS02090 WP 002890133.1   FTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHSTFTRQTQPYVYGDYPIFLAEIASTTNENILT   425
consensus                                   !!!!!!!!!*!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!! !!!!!!!!!*!!!!!!!!!!!!!!*!

logo
NTDB id 75465 DK92 RS03325 WP 047235768.1   EALLNEVQDEKERFAILNHYLDGFRGTVFRQTQFAEFEHAIHQADQKGEVLTSEYLNQLYADLNEKYYGLSKKDNYFIQYEWARI   510
NTDB id 480 HSISS4 RS02090 WP 002890133.1   ETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQILTADFMNKLYADLNEKYYNLKAEDNYEIQFEWERI   510
consensus                                   ! !! !! !*! !!!!!!!!!!!!*!!!!!!!!!!!!!!!!!! !!   ! *!! ***! !!!!!!!!!! !    !!! !!*!! !!

logo
NTDB id 75465 DK92 RS03325 WP 047235768.1   PHFYYNYYVYQYATGFVAASYLADKIVHGTQDDIDHYLAYLKSGNSDYPLEVIAKAGVDMAKGDYLEAAFKVFDERLTELEVLVS   595
NTDB id 480 HSISS4 RS02090 WP 002890133.1   PHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAGSSDYPLEVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVE   595
consensus                                   !!!! !!!!!!!!!!!! !!!!!!*!!!!!! *! **!! !!! ! !!!!!!!! !!!!!!   !!!*!!!!!!**!! !!! !!
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logo

NTDB id 75465 DK92 RS03325 WP 047235768.1     KGIHKS   601
NTDB id 480 HSISS4 RS02090 WP 002890133.1     KGVHLS   601
consensus                                     !!*! !
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X non conserved

X similar

X $\geq$50% conserved