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logo

NTDB id 64540 SPB RS04545 WP 003105486.1   MTDNRSHLDEKYTWDLSTIFKTDEEFETELKVLNQDADAAQKYAGHLLDSSKMLFEITNSQLELARRIEKVYVYASMKNDQDTTV   85
NTDB id 480 HSISS4 RS02090 WP 002890133.1  MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYASMKNDQDTTV   85
consensus                                  !*!!!*!!*!!!!!!!*!!! !! **!!!     !!   !  !!!!!!!! ! !   !   *  ! !!*!!*!!!!!!!!!!!!!!

logo

NTDB id 64540 SPB RS04545 WP 003105486.1   AKYQEYQAKASSLYAKFGQVFSFYEPEFMTMSTEQLDTFKAEESQLELYNHYFEKLLKYKEHVLSQREEELLAGAQEIFNGAEET  170
NTDB id 480 HSISS4 RS02090 WP 002890133.1  GLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEELLAAAGDIFNGPTDT  170
consensus                                  * !!!!!!!!! !!       ! **!!!!! *    !  !!  !* ! !! !!!!*!!  !*!!!!!  !!!!!*! *!!!!* *!

logo

NTDB id 64540 SPB RS04545 WP 003105486.1   FSILDNADLIFPIVKDDNGKEVEITHGNFISLMESKDRNVRKAAYEAMYSTYEQFQHTYAKTLQTNVKVQNYQARVHKYDSARQA  255
NTDB id 480 HSISS4 RS02090 WP 002890133.1  FNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQGVVKVHNYQAKVRHYNSARHA  255
consensus                                  ! *!!!!!**!! ! ! *!  !!*!!!!!!*!!!!!!! *!!*!!!!! !!!!!!!!!! !!!  !!!*!!!!*!**! !!!*!

logo

NTDB id 64540 SPB RS04545 WP 003105486.1   AMSANFIPEAVYDTLLSSVNKHLPLLHRYLKLRQEVLGLDELKMYDVYTPLSETNLDMTYDEAIEKVQTVLEVFGKEYSDRVNRA  340
NTDB id 480 HSISS4 RS02090 WP 002890133.1  ALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETETALTYEESLKKAEEVLAIFGEEYSKGVHAA  340
consensus                                  !* !!!!!! !!!*!! !!!!!!!!!!!!!! !!  !!!!!!!!!!!!!!!!!!!   *!!*! * !   !! *!! !!!  !* !

logo

NTDB id 64540 SPB RS04545 WP 003105486.1   FTERWIDVHVNKGKRSGAYSGGSYDTNAFMLLNWQDNLDNLYTLIHETGHSLHSTLTRENQPYVYGDYSIFLAEIASTTNENILT  425
NTDB id 480 HSISS4 RS02090 WP 002890133.1  FTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHSTFTRQTQPYVYGDYPIFLAEIASTTNENILT  425
consensus                                  !!!!!!!!!*!!!!!!!!!!!! !!!!!!!!!!!!!! !!!!*!!*!!!!!!!!!! !!  !!!!!!!!*!!!!!!!!!!!!!!!

logo

NTDB id 64540 SPB RS04545 WP 003105486.1   EALLKEVADDKTRFAILNNYLDGFRGSVFRQTQFAEFEHAIHQADQNGEVLTSEYINNLYAELNQKYYGLAKEDNHFIQYEWARI  510
NTDB id 480 HSISS4 RS02090 WP 002890133.1  ETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQILTADFMNKLYADLNEKYYNLKAEDNYEIQFEWERI  510
consensus                                  ! !!!!! !!!!!!!!!!*!!!!!*!*!!!!!!!!!!!!!! !!   !  *!! ***! !!!*!! !!! !   !!!* !!*!! !!

logo

NTDB id 64540 SPB RS04545 WP 003105486.1   PHFYYNYYVYQYSTGFAAASYLANKIVHGSQEDIDAYLSYLKAGNSDYPLEVIAKAGVDMTQEDYLDQAFAVFEARLTELEELVA  595
NTDB id 480 HSISS4 RS02090 WP 002890133.1  PHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAGSSDYPLEVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVE  595
consensus                                  !!!! !!!!!!! !!!!!!!!!!! !!!!!* !! *!!!*!!!!! !!!!!!!! !!!!!!!* !!!! !! !!! !! !!! !!
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logo

NTDB id 64540 SPB RS04545 WP 003105486.1      KGAHK.   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