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logo

NTDB id 1020921 ABZ559 RS02975 WP 367007188.1  MSDNRSHIDEKYTWDLSTVYVTDAAWEAEMEALTADIEDAKKYAGHLVESSKNLLEITEAELALSRRLEKAYVYASMKND   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1      MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYASMKND   80
consensus                                      !!!!!*!**!!!!!!!*!** !!! !! ! !    !*   !  !!!!!**! !!!!   !!  * ! !!!!! !!!!!!!!!

logo

NTDB id 1020921 ABZ559 RS02975 WP 367007188.1  QDTTVAKYQEFQAKATALYAKYSEVFSFYEPEFMTLSKEDFAAFVAETPDLKKYAHFFEKIFRRQAHVLSQAEEELLAGA  160
NTDB id 480 HSISS4 RS02090 WP 002890133.1      QDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEELLAAA  160
consensus                                      !!!!!* !!!*!!!!* !!   !! ! **!!!!! !     ! !    ! !  ! !*!!**     !!!!!  !!!!!*!

logo

NTDB id 1020921 ABZ559 RS02975 WP 367007188.1  GEIFGAAGETFEILDNADIVFPLVTDEKGEEVQLSHGNFISFMESKNRDIRKSAYEAMYSTYDQYQHTYAKTLQTNVKVH  240
NTDB id 480 HSISS4 RS02090 WP 002890133.1      GDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQGVVKVH  240
consensus                                      !*!! ** *!! *!!!!!!*!! !*!  !* ! !*!!!!!* !!!! !!!!! !!!!!! !!*!*!!!!! !!!  !!!!

logo

NTDB id 1020921 ABZ559 RS02975 WP 367007188.1  NYNARVHKFASAREAALAANFIPESVYETLLETVNKHLPLLHRYVKLRQTILGLDDLKMYDIYTPLSKTDMSFTYEAALE  320
NTDB id 480 HSISS4 RS02090 WP 002890133.1      NYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETETALTYEESLK  320
consensus                                      !!*!*!*** !!!*!!!!!!!!!!!!!!**!!!*!!!!!!!!!!!* !!  *!!!!*!!!!!*!!!!! !*   !!!  !

logo

NTDB id 1020921 ABZ559 RS02975 WP 367007188.1  KAEEVLTVFGKDYSERVHRAFTERWIDVHVNKGKRSGAYSGGSYDTNAFMLLNWQDTLDNLYTLVHETGHSLHSTFTREN  400
NTDB id 480 HSISS4 RS02090 WP 002890133.1      KAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHSTFTRQT  400
consensus                                      !!!!!! *!! *!!  !! !!!!!!!!!!*!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!

logo

NTDB id 1020921 ABZ559 RS02975 WP 367007188.1  QPYVYGDYSLFLAEIASTTNENIMTETLLKEVEDDKQRFAILNHYLDGFKGTVFRQTQFAEFEHLIHKADQDGVVLTSEY  480
NTDB id 480 HSISS4 RS02090 WP 002890133.1      QPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQILTADF  480
consensus                                      !!!!!!!!**!!!!!!!!!!!!!*!!!!!!!! !!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 1020921 ABZ559 RS02975 WP 367007188.1  LNKLYADLNEKYYGLAKEDNPEIQFEWARIPHFYYNYYVYQYATGFAAASYLANKIVHGTQEDKDKYLDYLKAGNSDYSL  560
NTDB id 480 HSISS4 RS02090 WP 002890133.1      MNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAGSSDYPL  560
consensus                                      *!!!!!!!!!!!! !  !!!*!!!!!! !!!!!! !!!!!!!!!!!!!!!!!! !!!!!! !!!* !! !!!!! !!!*!
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logo
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NTDB id 1020921 ABZ559 RS02975 WP 367007188.1  NVIAKAGVDMTTSDYLDAAFEVFEERLTELEDLVAKGAHK.   600
NTDB id 480 HSISS4 RS02090 WP 002890133.1      EVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVEKGVHLS   601
consensus                                       !! !!!!!!! *!!!!!!!! !!!*!! !!! !! !! ! *
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X non conserved

X similar

X $\geq$ 50% conserved