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logo

NTDB id 140508 CUGBS98 RS04025 WP 017647792.1  MSDNRSHIEEKYQWDLTTVFATDELWETEVVELTQVIDNAKGFSGHLLDSSQSLLEITEVELDLSRRLEKVYVYASMKND   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1      MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYASMKND   80
consensus                                      !!!!!*!*!!!! !!!!!*!!!!  !!!!     ! *  ! ** !!!!!!  !!  !!* * ! !!!!!*!!!!!!!!!

logo

NTDB id 140508 CUGBS98 RS04025 WP 017647792.1  QDTTVAKYQEFQAKATNLYSQLSETFSYYEPELMQLSESKYQSFLLQMPDLQLYDHYFERLLANKPHVLSQNEEELLAGA  160
NTDB id 480 HSISS4 RS02090 WP 002890133.1      QDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEELLAAA  160
consensus                                      !!!!!* !!!*!!!!* !!   !! ! **!!! * ! *    !    ! !  !!!*!!** !!!*!!!!!  !!!!!*!

logo

NTDB id 140508 CUGBS98 RS04025 WP 017647792.1  SEIFGAAGETFEILDNADMVFPVVKNAKGEEVELTHGNFISLMESSDRTVRKEAYQAMYSTYEQFQHTYAKTLQTNVKSQ  240
NTDB id 480 HSISS4 RS02090 WP 002890133.1      GDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQGVVKVH  240
consensus                                       *!! ** *!! *!!!!!**!! !  * !* !!!!!!!!!*!!!! !! *!! !! !!! !!!!!!!!!! !!!  !! *

logo

NTDB id 140508 CUGBS98 RS04025 WP 017647792.1  NFKARVHHYQSARQSALSANFIPEEVYETLIKTVNHHLPLLHRYMKLRQKVLGLDDLKMYDVYTPLSQMDMSFTYDEALK  320
NTDB id 480 HSISS4 RS02090 WP 002890133.1      NYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETETALTYEESLK  320
consensus                                      !* !*!*!!*!!!* !! !!!!!! !!**!* *!!*!!!!!!!* !! !!!!!!*!!!!!!!!!!!  *   !!*! !!

logo

NTDB id 140508 CUGBS98 RS04025 WP 017647792.1  KSEEVLAIFGEEYSERVHRAFTERWIDVHVNKGKRSGAYSGGSYDTNAFMLLNWQDTLDNLYTLVHETGHSLHSTFTREN  400
NTDB id 480 HSISS4 RS02090 WP 002890133.1      KAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHSTFTRQT  400
consensus                                      ! !!!!!!!!! !!   !! !!!!!!!!!!*!!!!!!!!!!! !!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!

logo

NTDB id 140508 CUGBS98 RS04025 WP 017647792.1  QPYVYGDYSIFLAEIASTTNENILTETLLKEVKDDKNRFAILNHYLDGFKGTIFRQTQFAEFEHAIHVADQEGQVLTSEY  480
NTDB id 480 HSISS4 RS02090 WP 002890133.1      QPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQILTADF  480
consensus                                      !!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!! !!   !!*!! **

logo

NTDB id 140508 CUGBS98 RS04025 WP 017647792.1  LNNLYAELNEKYYGLTKEDNHFIQYEWARIPHFYYNYYVFQYATGFAAANYLAERIVNGNPEDKEAYLNYLKAGNSDYPL  560
NTDB id 480 HSISS4 RS02090 WP 002890133.1      MNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAGSSDYPL  560
consensus                                      *! !!!*!!!!!! !  !!!* !!*!! !!!!!! !!!!*!!!!!!!!! !!!!*!!*! *!!!!!!! !!!!! !!!!!
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logo
                                                  NVIAKAGVDMTSADYLDAAFRVFEERLVELENLVAKGVHND   601
NTDB id 140508 CUGBS98 RS04025 WP 017647792.1     NVIAKAGVDMTSADYLDAAFRVFEERLVELENLVAKGVHND   601
NTDB id 480 HSISS4 RS02090 WP 002890133.1         EVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVEKGVHLS   601
consensus                                          !! !!!!!!!  !!!!!!!*!!!*!!!!!! !! !!!!
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X non conserved

X similar

X $\geq$ 50% conserved