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logo
NTDB id 257286 CWQ23 RS04245 WP 017647792.1  MSDNRSHIEEKYQWDLTTVFATDELWETEVVELTQVIDNAKGFSGHLLDSSQSLLEITEVELDLSRRLEKVYVYASMKND   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1    MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYASMKND   80
consensus                                    !!!!!*!*!!!! !!!!!*!!!!  !!!!     ! *  ! ** !!!!!!   !!  !!* * ! !!!!!*!!!!!!!!!

logo
NTDB id 257286 CWQ23 RS04245 WP 017647792.1  QDTTVAKYQEFQAKATALYAKFSETFSFYEPELLQLSFSDYQSFLLEMPDLQKYDHFFEKIFANKPHVLSQNEEELLAGA  160
NTDB id 480 HSISS4 RS02090 WP 002890133.1    QDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEELLAAA  160
consensus                                    !!!!!* !!!*!!!!* !!   !! ! **!!! * ! *    !    ! !  !!!*!!** !!!*!!!!!  !!!!!*!

logo
NTDB id 257286 CWQ23 RS04245 WP 017647792.1  SEIFGAAGETFEILDNADMVFPVVKNAKGEEVELTHGNFISLMESSDRTVRKEAYQAMYSTYEQFQHTYAKTLQTNVKSQ  240
NTDB id 480 HSISS4 RS02090 WP 002890133.1    GDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQGVVKVH  240
consensus                                     *!! ** *!! *!!!!!**!! !  * !* !!!!!!!!!*!!!! !! *!! !! !!! !!!!!!!!!! !!!  !! *

logo
NTDB id 257286 CWQ23 RS04245 WP 017647792.1  NFKARVHHYQSARQSALSANFIPEEVYETLIKTVNHHLPLLHRYMKLRQKVLGLDDLKMYDVYTPLSQMDMSFTYDEALK  320
NTDB id 480 HSISS4 RS02090 WP 002890133.1    NYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETETALTYEESLK  320
consensus                                    !* !*!*!!*!!!* !! !!!!!! !!**!* *!!*!!!!!!!* !! !!!!!!*!!!!!!!!!!  *   !!*! !!

logo
NTDB id 257286 CWQ23 RS04245 WP 017647792.1  KSEEVLAIFGEAYSERVHRAFTERWIDVHVNKGKRSGAYSGGSYDTNAFMLLNWQDTLDNLYTLVHETGHSLHSTFTREN  400
NTDB id 480 HSISS4 RS02090 WP 002890133.1    KAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHSTFTRQT  400
consensus                                    ! !!!!!!!!! !!   !! !!!!!!!!!!*!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!

logo
NTDB id 257286 CWQ23 RS04245 WP 017647792.1  QPYVYGDYSIFLAEIASTTNENILTETLLKEVKDDKNRFAILNHYLDGFKGTIFRQTQFAEFEHAIHVADQEGQVLTSEY  480
NTDB id 480 HSISS4 RS02090 WP 002890133.1    QPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQILTADF  480
consensus                                    !!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!*!!!!!!!!!!!!!! !!   !!*!! **

logo
NTDB id 257286 CWQ23 RS04245 WP 017647792.1  LNNLYAELNEKYYGLTKEDNHFIQYEWARIPHFYYNYYVFQYATGFAAANYLAERIVNGNPEDKEAYLNYLKAGNSDYPL  560
NTDB id 480 HSISS4 RS02090 WP 002890133.1    MNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAGSSDYPL  560
consensus                                    *! !!!*!!!!!! !  !!!* !!*!! !!!!!! !!!!*!!!!!!!!! !!!!*!!*! *!!!!!!! !!!!! !!!!!
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logo

NTDB id 257286 CWQ23 RS04245 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