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logo
NTDB id 1128036 FGL20 RS02950 WP 003082959.1  MADNRSHLEEKYTWDLTTIFDSDQRWETEVNALKIDLEKAQTLAGHLLDSAKELLEITEIQLDLSRRIEKVYVYAHMKND   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1     MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYASMKND   80
consensus                                     ! !!!*!!!!!!!!!!!!!! *!  !!!!     !! !!   !!!!!!!!! !!   !!* * ! !!*!!*!!!!*!!!!

logo
NTDB id 1128036 FGL20 RS02950 WP 003082959.1  QDTTVAKYQEYQSKASALYAKFSEVFSFYEPEFMTILPNQFDEFLKEEPKLEDYHHFFEKLLKNKEHVLSQAEEELLAGA  160
NTDB id 480 HSISS4 RS02090 WP 002890133.1     QDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEELLAAA  160
consensus                                     !!!!!* !!!!! !!! !!   !! ! **!!!!! * *    !!   !! !  !*!*!!*!! !!*!!!!!  !!!!!*!

logo
NTDB id 1128036 FGL20 RS02950 WP 003082959.1  QEIFNGAEETFGLLDNADIQFPIIKDEKGQDVEIHTHGNFIHLMESKDRQVRQAAYEALYSTYEQFQHTYAKTLQTNVKVN  240
NTDB id 480 HSISS4 RS02090 WP 002890133.1     GDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQGVVKVH  240
consensus                                      *!!!!* *!! *!!!!!! !! * !  !  !!*!!!!!!*!!!!!!! *! *!!!!*! !!!!!!!!!! !!!   !!!*

logo
NTDB id 1128036 FGL20 RS02950 WP 003082959.1  NYKARVHHYASARQAAMTANFIPETVYDTLLEVVNRKLPLLHRYLELRKKILGLKSLKMYDVYTPLSQTDLSVNYDQALE  320
NTDB id 480 HSISS4 RS02090 WP 002890133.1     NYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETETALTYEESLK  320
consensus                                     !! !*!*!! !!!*!!* !!!!!!*!!!*!!! !!**!!!!!!!!!*!!!!*!!!  !!!!!!!!!!! !*  * !*  !

logo
NTDB id 1128036 FGL20 RS02950 WP 003082959.1  KAEKVLSVFGKEYSDYVHQAFSERWIDVHVNKGKRSGAYSGGSYDTNAFMLLNWQDNLDNLYTLVHETGHSLHSTLTRKN  400
NTDB id 480 HSISS4 RS02090 WP 002890133.1     KAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHSTFTRQT  400
consensus                                     !!! !! *!! !!!  !! !!*!!!!!!!*!!!!!!!!!!!! !!!!!!!!!!!!! !!!!*!!!!!!!!!!!!! !!

logo
NTDB id 1128036 FGL20 RS02950 WP 003082959.1  QPYVYGDYSIFLAEIASTTNENILTEALLKDVTDEKERFAILNNYLDGFRGTIFRQSQFAEFEHAIYQADQNGDVLTSDY  480
NTDB id 480 HSISS4 RS02090 WP 002890133.1     QPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQILTADF  480
consensus                                     !!!!!!!!*!!!!!!!!!!!!!!!!!  !!!*!  !*! !!!!!!*!!!!!*!!*!!!*!!!!!!!!!* !!   ! *!! !*

logo
NTDB id 1128036 FGL20 RS02950 WP 003082959.1  LNHLYAQLNEKYYGLAKEDNYYIQYEWARIPHFYYNYYVYQYATGFAAASYLANKIVHGQQKDVDNYLSYLKAGNSDYPL  560
NTDB id 480 HSISS4 RS02090 WP 002890133.1     MNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAGSSDYPL  560
consensus                                     *!*!!! !!!!!! !  !!!! !!*!! !!!!!! !!!!!!!!!!!!!!!!!!! !!!!!   ! * !!*!!!!! !!!!!
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logo

NTDB id 1128036 FGL20 RS02950 WP 003082959.1  NVIAKAGVDMTSEAYLEDAFAIFEERLTELEDLVDKGVHL.   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