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logo

NTDB id 90123 LDO36 RS08405 WP 126609731.1   MNQPNVLLVEDSTSLAILYKQYVKSEPYDFFHVATGAEAKEFIEKTPPQLVILDLKLPDMTGQDVLAWIRENQISTSVII   80
NTDB id 1157 A1552VC RS03895 WP 001888250.1  .......MVEDTASVAALYRSYLTPLDIDINIVGTGRDAIESIGRREPDLILLDLRLPDMTGMDVLYAVKEKSPDVPIVF   73
consensus                                    ********!!!* !*! !!* !* * * !  *!*!! *! ! ! * *! !**!!!*!!!!!! !!!  **!  *  ***

logo

NTDB id 90123 LDO36 RS08405 WP 126609731.1   ATAHGSVNVAVDLMRIGADDFLEKPINADRLKASIKNHLKRNK.LENLVEDLQSTLDRKRYQGFIGSSLPMQAVYKIIDS   159
NTDB id 1157 A1552VC RS03895 WP 001888250.1  MTAHGSIDTAVEAMRHGAQDFLIKPCEADRLRVTVNNAIRKASKLKNDV.....DNKNQNYQGFIGSSQTMQAVYRTIDS   148
consensus                                     !!!!!*  !!* !!*!! !!! !!* !!!!* ** !****  *! ! !*****       !!!!!!!! *!!!!!* !!!

logo

NTDB id 90123 LDO36 RS08405 WP 126609731.1   VAPTTASVFVCGESGTGKEVCAEAIHNQSNRKDKPFIALNCGAIPRDLVESEIFGHMKGAFTGAATDRKGAASLASGGTL   239
NTDB id 1157 A1552VC RS03895 WP 001888250.1  AASSKASIFITGESGTGKEVCAEAIHAASKRGDKPFIAINCAAIPKDLIESELFGHVKGAFTGAATERQGAAEAADGGTL   228
consensus                                     !** !!*!**!!!!!!!!!!!!!!!  ! ! !!!!!!*!!*!!!*!!*!!!*!!!*!!!!!!!!!*! !!!  ! !!!!

logo

NTDB id 90123 LDO36 RS08405 WP 126609731.1   FLDELCEMELDMQKKLLRFLQTGRFTPLGGTKELQVDVRIICATNRDPLKEVYEGRFREDLYYRVNVVPINLPPLRDRDT   319
NTDB id 1157 A1552VC RS03895 WP 001888250.1  FLDELCEMDLDLQTKLLRFIQTGTFQKVGSSKMKSVDVRFVCATNRDPWKEVQEGRFREDLYYRLYVIPLHLPPLRARGD   308
consensus                                    !!!!!!!!*!!*! !!!!!*!!! ! **! *!   !!!! *!!!!!!! !!! !!!!!!!!!!!* !*!**!!!!! !

logo

NTDB id 90123 LDO36 RS08405 WP 126609731.1   DIIDIAKFFLRKYARQDKKKFTSFKRDTELTLCNYDWPGNVRQLQNIIRNIVVLNDDVQVSVDHLPPPLNSSPSGLGKAQ   399
NTDB id 1157 A1552VC RS03895 WP 001888250.1  DVIEIAYSLLGFMSKEEGKDFVRLSAEVVERFRQYEWPGNVRQLQNVLRNVVVLNEGREITLDMLPPPLNQMSAPINRAL   388
consensus                                    !*!*!!   !    * * ! !    *     **!*!!!!!!!!!!**!!*!!!!*   ***!*!!!!!!  * ** *!

logo

NTDB id 90123 LDO36 RS08405 WP 126609731.1   SMNMSATMANKPMPATPDPIYTPTTAHTSHSQPEPNDHETAALSSASHQAIEKDNMKIRPMAEIEREVIQNAIEYCDGNV   479
NTDB id 1157 A1552VC RS03895 WP 001888250.1  PLAHEN.............................................KVSVHEIFPLWMTEKQAIEQAIEACDGNI   423
consensus                                    ** *  ********************************************    * ! !*   !*  ! *!!! !!!!*

logo

NTDB id 90123 LDO36 RS08405 WP 126609731.1   LNAAVLLELSPSTLYRKKQAWETHEEEE....   507
NTDB id 1157 A1552VC RS03895 WP 001888250.1  PRAATYLDVSPSTIYRKLQTWNEKVKEKEKER   455
consensus                                    * !!  !**!!!!*!!! ! !  *  ! ****
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X non conserved
X similar
X $\geq$ 50% conserved