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logo
NTDB id 187505 A5891 RS16355 WP 032876163.1  ....MSEGASEFSEVRDFFYGRHLLRSEIPFSDQRINGFI....EKEYITAEPSIIRRKNRYVCQRCGQSDQACFAAFWA   72
NTDB id 108 BSU 35470 NP 391427.1            MNVPVEKNSSFSKELQQTLRSRHLLRTELSFSDEMIEWHI....KNGYITAENSISINKRRYRCNRCGQTDQRYFSFYHS   76
NTDB id 615 LCA RS02545 WP 011374200.1       ....................MGQQVIACGRQFTAAQLADTQNNNYSLPQIKRRPAFLRVKHRLVCQRCQQVVPPQT.....   56
consensus                                        *    *   **     ******** !**  *   *       *!*******  ! !**!*!!*!***  *  *

logo
NTDB id 187505 A5891 RS16355 WP 032876163.1  SFAKRQITYCRACVMMGRADELTSLYSWNQASENSWEPVKLSWEGTLTDGQKQAAAALTDAIKERQELLVWAVCGSGKTE   152
NTDB id 108 BSU 35470 NP 391427.1            S..GKNKLYCRSCVMMGRVSEEVPLYSWKEENESNWKSIKLTWDGKLSSGQQKAANVLIEAISKKEELLIWAVCGAGKTE   154
NTDB id 615 LCA RS02545 WP 011374200.1       .CLPDGRHYCAQCLLFGRLVEGDWLYTVPECHLFENNIPKLTWEGQLTPHQEKAAQAVVEVVQTQKRHVLTAVTGAGKTE   135
consensus                                    *   *** !!* !***!!* !   !!** *  *  *  *!!*!*! !* *! *!!********  * *****!!*!*!!!!

logo
NTDB id 187505 A5891 RS16355 WP 032876163.1  MLFPGIEFALNHGLRVCVATPRTDVVLELLPRLKKAFEKVEVSALYGGSEDKGRLTPLMISTAHQLMRYRDIFDVVIIDE   232
NTDB id 108 BSU 35470 NP 391427.1            MLFPGIESALNQGLRVCIATPRTDVVLELAPRLKAAFQGADISALYGGSDDKGRLSPLMISTTHQLLRYKDAIDVMIIDE   234
NTDB id 615 LCA RS02545 WP 011374200.1       MLFQGILVALQKGQRVCLAAPRVAVCLELYPRLQAAFATTSIMLMHGEQTEPYRYTQLVICTTHQLLKFYHAFDTVIVDE   215
consensus                                    !!!*!!* !!* !*!!!*!*!!**!*!!! !!!**!!   ******!******!***!*!*!*!!!*******!**!*!!

logo
NTDB id 187505 A5891 RS16355 WP 032876163.1  VDAFPFSADETLRFAVDKARKKNSALVYVTATPSDTLKKKAEAGLLKSVRIPARYHRKPLPEPRFLWCGNWKKKLQKGKL   312
NTDB id 108 BSU 35470 NP 391427.1            VDAFPYSADQTLQFAVQKARKKNSTLVYLSATPPKELKRKALNGQLHSVRIPARHHRKPLPEPRFVWCGNWKKKLNRNKI   314
NTDB id 615 LCA RS02545 WP 011374200.1       VDAFPFVDNPVLATAVEQACKPQCALLYLTATPTPAIKRAIAAKQMTVSELPLRFHGHLLPEPQRHVAFNWRAQLKKGRL   295
consensus                                    !!!!!**** *! *!!**!*!****!*!**!!!*  *!*** **** ****!*!*!***!!!!**** **!!****!*****

logo
NTDB id 187505 A5891 RS16355 WP 032876163.1  PRSVTDWVCQKLQLQLPVFLFVPSVHVLKKTTDYFQKL..NIRAEGVHAEDTFRKDKVKRFRDGRLDLLVTTTILERGVT   390
NTDB id 108 BSU 35470 NP 391427.1            PPAVKRWIEFHVKEGRPVFLFVPSVSILEKAAACFKGV..HCRTASVHAEDKHRKEKVQQFRDGQLDLLITTTILERGVT   392
NTDB id 615 LCA RS02545 WP 011374200.1       PKRLERD.CQTYLKTQQILLFVPQVRLLQPVANRLSTLLPAVRIETLHANDPDQIKKITAFRAQQIQLMVTTTILERGVT   374
consensus                                    !* * ***** *    ***!!!!*! *! * *  *  *   *! **!!*!  ***!*  !!*****!**!!!!!!!!!!

logo
NTDB id 187505 A5891 RS16355 WP 032876163.1  VPKVQTCVLGAEAPIFTESALVQIAGRTGRHYKHFSGDVIMFHFGITNGMKKAKKHIEHMNKLAQKSKLLD   461
NTDB id 108 BSU 35470 NP 391427.1            VPKVQTGVLGAESSIFTESALVQIAGRTGRHKEYADGDVIYFHFGKTKSMLDARKHIKEMNELAAKVECTD   463
NTDB id 615 LCA RS02545 WP 011374200.1       FKNVAVLVLGAEHMVFNEAVLVQIAGRAGRHKDYAQNPVHFYYQDYTRAIKGACRQIKTQNQRGRRLQSTV   445
consensus                                    ***!** !!!!!  *!*!**!!!!!!!*!!!!**** **!****** !**** !***!* *! ** **  **
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X non conserved

X similar

X ≥ 50% conserved