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logo
NTDB id 1056447 O4J27 RS16785 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 1056447 O4J27 RS16785 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 1056447 O4J27 RS16785 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 1056447 O4J27 RS16785 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 1056447 O4J27 RS16785 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 1056447 O4J27 RS16785 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