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logo
NTDB id 174575 BCBMB205 RS16865 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 174575 BCBMB205 RS16865 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 174575 BCBMB205 RS16865 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                                       !!!*!!* !!* !*!!!*!*!!**!*!!! !!!**!!   ******!******!***!*!*!*!!!***!***!**!*!!

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NTDB id 174575 BCBMB205 RS16865 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 174575 BCBMB205 RS16865 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 174575 BCBMB205 RS16865 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