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logo
NTDB id 615 LCA RS02545 WP 011374200.1      ....................MGQQVIACGRQFTAAQLADTQNNNYSLPQIKRRPAFLRVKHRLVCQRCQQVVPPQT.....   56
NTDB id 399271 GI367 RS12530 WP 007614104.1 ....MSEGASEFLEVRDFFYGRHLLRSEIPFSDQRINGFI....EKEYITAEPSIIRRKNRYVCQRCGQSDQACFAAFWA   72
NTDB id 108 BSU 35470 NP 391427.1           MNVPVEKNSSFSKELQQTLRSRHLLRTELSFSDEMIEWHI....KNGYITAENSISINKRRYRCNRCGQTDQRYFSFYHS   76
consensus                                       *    *   **     ******** !**  *   *       *!*******  !  !**!*!!*!***  *  *

logo
NTDB id 615 LCA RS02545 WP 011374200.1      .CLPDGRHYCAQCLLFGRLVEGDWLYTVPECHLFENNIPKLTWEGQLTPHQEKAAQAVVEVVQTQKRHVLTAVTGAGKTE  135
NTDB id 399271 GI367 RS12530 WP 007614104.1 PSAKRQITYCRACVMMGRADEQTSLYSWNQAPENSWEPVKLSWEGTLTDGQKQAAAALTDAIKERQELLVWAVCGSGKTE  152
NTDB id 108 BSU 35470 NP 391427.1           ..SGKNKLYCRSCVMMGRVSEEVPLYSWKEENESNWKSIKLTWDGKLSSGQQKAANVLIEAISKKEELLIWAVCGAGKTE  154
consensus                                       *** !!* !***!!* !   !!** *  *  *  *!!*!*! !* *! *!!********  * *****!!*!*!!!!

logo
NTDB id 615 LCA RS02545 WP 011374200.1      MLFQGILVALQKGQRVCLAAPRVAVCLELYPRLQAAFATTSIMLMHGEQTEPYRYTQLVICTTHQLLKFYHAFDTVIVDE  215
NTDB id 399271 GI367 RS12530 WP 007614104.1 MLFPGIEFALNHGLRVCVATPRTDVVLELLPRLKKAFEKIEVSALYGGSEDKGRLTPLMISTAHQLMRYRDIFDVMIIDE  232
NTDB id 108 BSU 35470 NP 391427.1           MLFPGIESALNQGLRVCIATPRTDVVLELAPRLKAAFQGADISALYGGSDDKGRLSPLMISTTHQLLRYKDAIDVMIIDE  234
consensus                                   !!!*!!* !!* !*!!!*!*!!**!*!!! !!!**!!   ******!******!***!*!*!*!!!*******!**!*!!

logo
NTDB id 615 LCA RS02545 WP 011374200.1      VDAFPFVDNPVLATAVEQACKPQCALLYLTATPTPAIKRAIAAKQMTVSELPLRFHGHLLPEPQRHVAFNWRAQLKKGRL  295
NTDB id 399271 GI367 RS12530 WP 007614104.1 VDAFPFSADETLRFAVDKARKKNSALVYVTATPSDTLKKKAEAGLLKSVRIPARYHRKPLPEPRFLWCGNWKKKLQKGKL  312
NTDB id 108 BSU 35470 NP 391427.1           VDAFPYSADQTLQFAVQKARKKNSTLVYLSATPPKELKRKALNGQLHSVRIPARHHRKPLPEPRFVWCGNWKKKLNRNKI  314
consensus                                   !!!!!**** *!  *!!**!*!****!*!**!!!*   *!*** **** ****!*!*!***!!!!**** **!!***!*****

logo
NTDB id 615 LCA RS02545 WP 011374200.1      PKRLERD.CQTYLKTQQILLFVPQVRLLQPVANRLSTLLPAVRIETLHANDPDQIKKITAFRAQQIQLMVTTTILERGVT  374
NTDB id 399271 GI367 RS12530 WP 007614104.1 PRSVTDWVCQKLQLQLPVFLFVPSVHVLKKTTDYFQKL..NIRTEGVHAEDTFRKDKVKRFRNGRLDLLVTTTILERGVT  390
NTDB id 108 BSU 35470 NP 391427.1           PPAVKRWIEFHVKEGRPVFLFVPSVSILEKAAACFKGV..HCRTASVHAEDKHRKEKVQQFRDGQLDLLITTTILERGVT  392
consensus                                   !* * ***** *    ***!!!!*! *! * *  *  *   *!***!!*!  ***!*  !! ****!**!!!!!!!!!!

logo
NTDB id 615 LCA RS02545 WP 011374200.1      FKNVAVLVLGAEHMVFNEAVLVQIAGRAGRHKDYAQNPVHFYYQDYTRAIKGACRQIKTQNQRGRRLQSTV   445
NTDB id 399271 GI367 RS12530 WP 007614104.1 VPKVQTCVLGAEAPIFTESALVQIAGRTGRHYKHFSGDVVMFHFGITNGMKKAKKHIEHMNKLAQKSKLLD   461
NTDB id 108 BSU 35470 NP 391427.1           VPKVQTGVLGAESSIFTESALVQIAGRTGRHKEYADGDVIYFHFGKTKSMLDARKHIKEMNELAAKVECTD   463
consensus                                   ***!** !!!!!  *!*!**!!!!!!!*!!!!**** **!****** !**** !***!* *! ** **  **
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X non conserved

X similar

X ≥ 50% conserved