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logo
NTDB id 615 LCA RS02545 WP 011374200.1      ....................MGQQVIACGRQFTAAQLADTQNNNYSLPQIKRRPAFLRVKHRLVCQRCQQVVPPQT.....   56
NTDB id 412042 GKS41 RS19340 WP 159354646.1 ....MSEGASEFSEVRDFFYGRHLLRSEIPFSDQRISPFIEK....EYITAEPSVIRRKKRYVCRRCGQSDQSCFAAFWA   72
NTDB id 108 BSU 35470 NP 391427.1           MNVPVEKNSSFSKELQQTLRSRHLLRTELSFSDEMIEWHIKN....GYITAENSISINKRRYRCNRCGQTDQRYFSFYHS   76
consensus                                       *    *   **     ******** !**  *   * *     *!******** !*!**!*!!*!***  *  *

logo
NTDB id 615 LCA RS02545 WP 011374200.1      .CLPDGRHYCAQCLLFGRLVEGDWLYTVPECHLFENNIPKLTWEGQLTPHQEKAAQAVVEVVQTQKRHVLTAVTGAGKTE  135
NTDB id 412042 GKS41 RS19340 WP 159354646.1 PSAKRHITYCRACVVMGRADELTSLYSWNQISESSWEPVKLAWEGTLTDGQKQAAGALIKAIKEKQELLVWAVCGSGKTE  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 412042 GKS41 RS19340 WP 159354646.1 MLFPGIEFALNHGLRVCVATPRTDVVLELLPRLKKAFENVEVSALYGGSEDKGSLTPLMISTAHQLMRYRDIFDVMIIDE  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 412042 GKS41 RS19340 WP 159354646.1 VDAFPFSADETLRFAVDKARKSNSALVYVTATPSDALKKKAEAGLLKSVRIPARYHRKPLPEPRFLWCGNWKKKLEKGKL  312
NTDB id 108 BSU 35470 NP 391427.1           VDAFPYSADQTLQFAVQKARKKNSTLVYLSATPPKELKRKALNGQLHSVRIPARHHRKPLPEPRFVWCGNWKKKLNRNKI  314
consensus                                   !!!!!**** *! *!!**!*! ***!*!**!!!* **!*** **** ****!*!*!***!!!!**** **!***! ****

logo
NTDB id 615 LCA RS02545 WP 011374200.1      PKRLERDCQTYLK.TQQILLFVPQVRLLQPVANRLSTLLPAVRIETLHANDPDQIKKITAFRAQQIQLMVTTTILERGVT  374
NTDB id 412042 GKS41 RS19340 WP 159354646.1 PHSLTDWVRQKLQSRLPVFLFVPSVHVLKKTTDYFQKL..NVRAEGVHAEDTFRKDKVKRFRDGRLDLLVTTTILERGVT  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 412042 GKS41 RS19340 WP 159354646.1 VPKVQTCVLGAEAPIFTESALVQIAGRTGRHYKHFSGDVVMFHFGMTNGMKEAKKHIEHMNKLAQKSKLLD   461
NTDB id 108 BSU 35470 NP 391427.1           VPKVQTGVLGAESSIFTESALVQIAGRTGRHKEYADGDVIYFHFGKTKSMLDARKHIKEMNELAAKVECTD   463
consensus                                   ***!** !!!!!  *!*!**!!!!!!!*!!!**** **!****** !*****!***!* *! ** **  **
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X non conserved

X similar

X ≥ 50% conserved