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logo
NTDB id 615 LCA RS02545 WP 011374200.1        ....................MGQQVIACGRQFTAAQLADTQNNNYSLPQIKRRPAFLRVKHRLVCQRCQQVVPPQT.....   56
NTDB id 979704 AADZ70 RS12425 WP 342007115.1  ....MSEDASEFSEVRDFFYGRHLLRSEIPFSDQRINPF....IEKEYIKAEPSVIRRKNRYVCRRCGQSDQSCFAAFWA   72
NTDB id 108 BSU 35470 NP 391427.1             MNVPVEKNSSFSKELQQTLRSRHLLRTELSFSDEMIEWH....IKNGYITAENSISINKRRYRCNRCGQTDQRYFSFYHS   76
consensus                                          *    *   **     ******** !**  *       *   *!******** ! !**!*!!*!***  *  *

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NTDB id 615 LCA RS02545 WP 011374200.1        .CLPDGRHYCAQCLLFGRLVEGDWLYTVPECHLFENNIPKLTWEGQLTPHQEKAAQAVVEVVQTQKRHVLTAVTGAGKTE   135
NTDB id 979704 AADZ70 RS12425 WP 342007115.1  PSAKRHITYCRACVVMGRADELTSLYSWNQTSESGWAPVKLAWEGTLTAGQKQAAGALIKAIKEKQELLVWAVCGSGKTE   152
NTDB id 108 BSU 35470 NP 391427.1             ..SGKNKLYCRSCVMMGRVSEEVPLYSWKEENESNWKSIKLTWDGKLSSGQQKAANVLIEAISKKEELLIWAVCGAGKTE   154
consensus                                         * * !!* !***!!* !   !!** *  ** *  *!!*!*! !* *! *!!*******  * ****!!*!*!!!!

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NTDB id 615 LCA RS02545 WP 011374200.1        MLFQGILVALQKGQRVCLAAPRVAVCLELYPRLQAAFATTSIMLMHGEQTEPYRYTQLVICTTHQLLKFYHAFDTVIVDE   215
NTDB id 979704 AADZ70 RS12425 WP 342007115.1  MLFPGIEFALNHGLRVCVATPRTDVVLELLPRLKKAFENVEVSALYGGSEDKGSLTPLMISTAHQLMRYRDIFDVMIIDE   232
NTDB id 108 BSU 35470 NP 391427.1             MLFPGIESALNQGLRVCIATPRTDVVLELAPRLKAAFQGADISALYGGSDDKGRLSPLMISTTHQLLRYKDAIDVMIIDE   234
consensus                                      !!!*!!* !!* !*!!!*!*!!**!*!!! !!!**!!   *******!**********!*!*!*!!!***********!**!*!!

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NTDB id 615 LCA RS02545 WP 011374200.1        VDAFPFVDNPVLATAVEQACKPQCALLYLTATPTPAIKRAIAAKQMTVSELPLREHGHLLPEPQRHVAFNWRAQLKKGRL   295
NTDB id 979704 AADZ70 RS12425 WP 342007115.1  VDAFPFSADETLRFAVDKARKNNSALVYVTATPSDALKKKAEAGLLKSVRIPARYHRKPLPEPRFLWCGNWKKKLEKGKL   312
NTDB id 108 BSU 35470 NP 391427.1             VDAFPYSADQTLQFAVQKARKKNSTLVYLSATPPKELKRKALNGQLHSVRIPARHHRKPLPEPRFVWCGNWKKKLNRNKI   314
consensus                                      !!!!!**** *! *!!**!*! ***!*!**!!!* **!*** **** ****!*!*!***!!!!*******!!***!  ****

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NTDB id 615 LCA RS02545 WP 011374200.1        PKRLERDCQTYLK.TQQILLFVPQVRLLQPVANRLSTLLPAVRIETLHANDPDQIKKITAFRAQQIQLMVTTTILERGVT   374
NTDB id 979704 AADZ70 RS12425 WP 342007115.1  PHSVTDWVRQKLQSRLPVFLFVPSVHVLKKTTDYFQKL..NVRAEGVHAEDTFRKDKVKRFRDGRLDLLVTTTILERGVT   390
NTDB id 108 BSU 35470 NP 391427.1             PPAVKRWIEFHVKEGRPVFLFVPSVSILEKAAACFKGV..HCRTASVHAEDKHRKEKVQQFRDGQLDLLITTTILERGVT   392
consensus                                      !  * ***   **   ***!!!!*! *! * *  *  *   *! ***!!*!  ***!*  !!*****!**!!!!!!!!!!

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NTDB id 615 LCA RS02545 WP 011374200.1        FKNVAVLVLGAEHMVFNEAVLVQIAGRAGRHKDYAQNPVHFYYQDYTRAIKGACRQIKTQNQRGRRLQSTV   445
NTDB id 979704 AADZ70 RS12425 WP 342007115.1  VPKVQTCVLGAEAPIFTESALVQIAGRTGRHYKHFSGDVVMFHFGMTNGMKKAKKHIEHMNKLAQKSKLLD   461
NTDB id 108 BSU 35470 NP 391427.1             VPKVQTGVLGAESSIFTESALVQIAGRTGRHKEYADGDVIYFHFGKTKSMLDARKHIKEMNELAAKVECTD   463
consensus                                      ***!** !!!!!  *!*!**!!!!!!!*!!!**** **!****** !**** !***!* *! ** **  **
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X non conserved

X similar

X ≥50% conserved