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logo
NTDB id 615 LCA RS02545 WP 011374200.1      ....................MGQQVIACGRQFTAAQLADTQNNNYSLPQIKRRPAFLRVKHRLVCQRCQQVVPPQT.....   56
NTDB id 984927 NYE28 RS18495 WP 099320008.1 ....MSEGASEFSEVRDFFYGRHLLRSEIPFSDQRIKRFIEK....EYITAEPSIIRRKNRYVCQRCGQSDQACFAAFWA   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 984927 NYE28 RS18495 WP 099320008.1 PSAKRQITYCRACVMMGRADELTSLYYWNQAYENSWEPVKLSWEGTLTDGQKRAAAALTDAIKERQELLVWAVCGSGKTE   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 984927 NYE28 RS18495 WP 099320008.1 MLFPGIEFALNHGLRVCVATPRTDVVLELLPRLKKAFEKVEVSALYGGSEDKGRLTPLMISTAHQLMRYRDIFDVMIIDE   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 984927 NYE28 RS18495 WP 099320008.1 VDAFPFSADETLRFAVDKARKKNSALVYVTATPSDTLKKKAEAGLLKSVRIPARYHRKPLPEPRFLWCGNWKKKLQKGKL   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 984927 NYE28 RS18495 WP 099320008.1 PRSVTDWVRQKLQSQLPVFLFVPSVHVLKKTTDYFQKL..NVRAEGVYAEDTFRKDKVKRFRDGRLDLLVTTTILERGVT   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 984927 NYE28 RS18495 WP 099320008.1 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