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logo
NTDB id 615 LCA RS02545 WP 011374200.1      ....................MGQQVIACGRQFTAAQLADTQNNNYSLPQIKRRPAFLRVKHRLVCQRCQQVVPPQT.....   56
NTDB id 1016308 ABNX04 RS16945 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 1016308 ABNX04 RS16945 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 1016308 ABNX04 RS16945 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 1016308 ABNX04 RS16945 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 1016308 ABNX04 RS16945 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 1016308 ABNX04 RS16945 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