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logo
NTDB id 615 LCA RS02545 WP 011374200.1      ....................MGQQVIACGRQFTAAQLADTQNNNYSLPQIKRRPAFLRVKHRLVCQRCQQVVPPQT......CLPD    60
NTDB id 329651 BVMH RS17975 WP 099320008.1  ....MSEGASEFSEVRDFFYGRHLLRSEIPFSDQRIKRFIEK....EYITAEPSIIRRKNRYVCQRCGQSDQACFAAFWAPSAKR    77
NTDB id 108 BSU 35470 NP 391427.1           MNVPVEKNSSFSKELQQTLRSRHLLRTELSFSDEMIEWHIKN....GYITAENSISINKRRYRCNRCGQTDQRYFSFYHS..SGK    79
consensus                                       *    *   **     ******** !**  *   * *     *!********* ! !**!*!!*!***  *  *      *

logo
NTDB id 615 LCA RS02545 WP 011374200.1      GRHYCAQCLLFGRLVEGDWLYTVPECHLFENNIPKLTWECQLTPHQEKAAQAVVEVVQTQKRHVLTAVTGAGKTEMLFQGILVAL   145
NTDB id 329651 BVMH RS17975 WP 099320008.1  QITYCRACVMMGRADELTSLYYWNQAYENSWEPVKLSWEGTLTDGQKRAAAALTDAIKERQELLVWAVCGSGKTEMLFPGIEFAL   162
NTDB id 108 BSU 35470 NP 391427.1           NKLYCRSCVMMGRVSEEVPLYSWKEENESNWKSIKLTWDGKLSSGQQKAANVLIEAISKKEELLIWAVCGAGKTEMLFPGIESAL   164
consensus                                   ** !!* !***!!* !   !!** *  *  *  *!!*!*! !* *! *!!*******  * *****!!*!*!!!!!!!*!!* !!

logo
NTDB id 615 LCA RS02545 WP 011374200.1      QKGQRVCLAAPRVAVCLELYPRLQAAFATTSIMLMHGEQTEPYRYTQLVICTTHQLLKFYHAFDTVIVDEVDAFPFVDNPVLATA   230
NTDB id 329651 BVMH RS17975 WP 099320008.1  NHGLRVCVATPRTDVVLELLPRLKKAFEKVEVSALYGGSEDKGRLTPLMISTAHQLMRYRDIFDVMIIDEVDAFPFSADETLRFA   247
NTDB id 108 BSU 35470 NP 391427.1           NQGLRVCIATPRTDVVLELAPRLKAAFQGADISALYGGSDDKGRLSPLMISTTHQLLRYKDAIDVMIIDEVDAFPYSADQTLQFA   249
consensus                                   *  !*!!!*!*!!**!*!!! !!!**!!   ******!******!***!*!*!*!!!*******!**!*!!!!!!!**** *!  *!

logo
NTDB id 615 LCA RS02545 WP 011374200.1      VEQACKPQCALLYLTATPTPAIKRAIAAKQMTVSELPLRFHGHLLPEPQRHVAFNWRAQLKKGRLPKRLERDCQTYLK.TQQILL   314
NTDB id 329651 BVMH RS17975 WP 099320008.1  VDKARKKNSALVYVTATPSDTLKKKAEAGLLKSVRIPARYHRKPLPEPRFLWCGNWKKKLQKGKLPRSVTDWVRQKLQSQLPVFL   332
NTDB id 108 BSU 35470 NP 391427.1           VQKARKKNSTLVYLSATPPKELKRKALNGQLHSVRIPARHHRKPLPEPRFVWCGNWKKKLNRNKIPPAVKRWIEFHVKEGRPVFL   334
consensus                                   !**!*!****!*!**!!!*  *!*** **** ****!*!*!***!!!!******!!***!*****!* * ***   **   ***!

logo
NTDB id 615 LCA RS02545 WP 011374200.1      FVPQVRLLQPVANRLSTLLPAVRIETLHANDPDQIKKITAFRAQQIQLMVTTTILERGVTFKNVAVLVLGAEHMVFNEAVLVQIA   399
NTDB id 329651 BVMH RS17975 WP 099320008.1  FVPSVHVLKKTTDYFQKL..NVRAEGVYAEDTFRKDKVKRFRDGRLDLLVTTTILERGVTVPKVQTCVLGAEAPIFTESALVQIA   415
NTDB id 108 BSU 35470 NP 391427.1           FVPSVSILEKAAACFKGV..HCRTASVHAEDKHRKEKVQQFRDGQLDLLITTTILERGVTVPKVQTGVLGAESSIFTESALVQIA   417
consensus                                   !!!*! *! * *  *  *   *! *****!*!  ***!*  !!*****!**!!!!!!!!!!!***!** !!!!!  *!*!**!!!!!

logo
NTDB id 615 LCA RS02545 WP 011374200.1      GRAGRHKDYAQNPVHFYYQDYTRAIKGACRQIKTQNQRGRRLQSTV   445
NTDB id 329651 BVMH RS17975 WP 099320008.1  GRTGRHYKHFSGDVVMFHFGITNGMKKAKKHIEHMNKLAQKSKLLD   461
NTDB id 108 BSU 35470 NP 391427.1           GRTGRHKEYADGDVIYFHFGKTKSMLDARKHIKEMNELAAKVECTD   463
consensus                                   !!*!!!**** **!****** !**** !***!* *! ** **  **
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X non conserved

X similar

X ≥50% conserved