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logo
NTDB id 615 LCA RS02545 WP 011374200.1      ............MGQQVIACGRQFTAAQLADTQNNNY....SLPQIKRRPAFLRVKHFLVCQRCQQVVPPQ....TCL..   58
NTDB id 223064 A6J74 RS18580 WP 000948469.1 ................MLSGKQLLLEELSTDVRDNLDLKKKGEVVCVQGVKNKASTYMCQRCGNIAQRLFSSFLCKRC   63
NTDB id 108 BSU 35470 NP 391427.1           MNVPVEKNSSFSKELQQTLRSRHLLRTELSFS.DEMIEWHIKNGYITAENSISINKRRYRCNRCGQTDQRYFSFYHSS..   77
consensus                                                 * ** *****  *!* *  ****   * * *   ***   * ***!*!!*** ** ** * *

logo

NTDB id 615 LCA RS02545 WP 011374200.1      PDGRHYCAQCLLFGRLVEGDWLYTVPECHLFENNIPKLTWEGQLTPHQEKAAQAVVEVVQTQKRHVLTAVTGAGKTEMLF   138
NTDB id 223064 A6J74 RS18580 WP 000948469.1 SKVCTYCRKCITMGRVSECAVLVRGIAEKEGEMDVNPLQWKGNLSTGQELAAQGVMEAVKQKESFFIWAVCGAGKTEMLF   143
NTDB id 108 BSU 35470 NP 391427.1           GKNKLYCRSCVMMGRVSEEVPLYSWKEENESNWKSIKLTWDGKLSSGQQKAANVLIEAISKKEELLIWAVCGAGKTEMLF   157
consensus                                    * * !!* !***!!**!   !**  ** * *  * *!*!*!*!***!**!!****!**  **  ***!!*!!!!!!!!!

logo

NTDB id 615 LCA RS02545 WP 011374200.1      QGILVALQKGQRVCLAAPRVAVCLELYPRLQAAFATTSIMLMHGEQTEPYRYTQLVICTTHQLLKFYHAFDTVIVDEVDA   218
NTDB id 223064 A6J74 RS18580 WP 000948469.1 YGIAEALQKGERVCIATPRTDVVLELAPRLKEVFPNINVAALYGGSLDREKDAALVVATTHQLLRYYRAFHVMIVDEIDA   223
NTDB id 108 BSU 35470 NP 391427.1           PGIESALNQGLRVCIATPRTDVVLELAPRLKAAFQGADISALYGGSDDKGRLSPLMISTTHQLLRYKDAIDVMIIDEVDA   237
consensus                                     !!  !!**! !!!*!*!!**!*!!!*!!!***!    * ***!** ** * * !** !!!!!!*** !****!*!!*!!

logo

NTDB id 615 LCA RS02545 WP 011374200.1      FPFVDNPVLATAVEQACKPQCALLYLTATPTPAIKRAIAAKQMTVSELPLRFHGHLLPEPQRHVAFNWRAQLKKGRLPKR   298
NTDB id 223064 A6J74 RS18580 WP 000948469.1 FPYHADQMLQYAVKQAMKEKAACIYLTATPDEEWKRNLRKGKQKGIVVSGRYHRHPLPVPKFCCCGNWKKSLINKRIPQV   303
NTDB id 108 BSU 35470 NP 391427.1           FPYSADQTLQFAVQKARKKNSTLVYLSATPPKELKRKALNGQLHSVRIPARHHRKPLPEPRFVWCGNWKKKLNRNKIPPA   317
consensus                                   !!* ****!**!! *! ! * ***!!*!!!  **!! *  ***  * ***!*!***!!*!**  **!!** ! * **!

logo

NTDB id 615 LCA RS02545 WP 011374200.1      LERDCQTYLKT.QQILLFVPQVRLLQPVANRLSTLLPAVRIETLHANDPDQIKKITAFRAQQIQLMVTTTILERGVTFKN   377
NTDB id 223064 A6J74 RS18580 WP 000948469.1 LLQWLKVYLNKKHPIFLFVPHVRYIEKMSRLLKLL..DDRVAGVHAEDPMRKEKVAAFRKGEIPLLVTTTILERGVTVKN   381
NTDB id 108 BSU 35470 NP 391427.1           VKRWIEFHVKEGRPVFLFVPSVSILEKAAACFKGV..HCRTASVHAEDKHRKEKVQQFRDGQLDLLITTTILERGVTVPK   395
consensus                                   * ***  ***   ***!!!! !*******  ** *    !****!!*!* ***!* *!! *** !**!!!!!!!!!!***

logo

NTDB id 615 LCA RS02545 WP 011374200.1      VAVLVLGAEHMVFNEAVLVQIAGRAGRHKDYAQNPVHFYYQDYTRAIKGACRQIKTQNQRGRRLQSTV   445
NTDB id 223064 A6J74 RS18580 WP 000948469.1 LQVAVLGTEEEIFSESALVQIAGRVGRSFEEPYGEVIYFHYGKTEAMVRAKKHIRSMNKNAKEQGLID   449
NTDB id 108 BSU 35470 NP 391427.1           VQTGVLGAESSIFTESALVQIAGRTGRHKEYADGDVIYFHFGKTKSMLDARKHIKEMNELAAKVECTD   463
consensus                                   ****!!!*!  *!*!**!!!!!!! !!***** **!*******!**** !***!***!  ****  **
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X non conserved

X similar

X ≥ 50% conserved