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logo
NTDB id 615 LCA RS02545 WP 011374200.1      ....................MGQQVIACGRQFTAAQLADTQNNNYSLPQIKRRPAFLRVKHRLVCQRCQQVVPPQT....C..LPD    60
NTDB id 420424 M654 RS03425 WP 026588944.1  ...MEHEASAYTGNLQALLEARQLLKSELPFPDSAVEWHIQN....GLIKAETPIQKTAKGLICMRCGQRDPSRFAQYPCLICQK    78
NTDB id 108 BSU 35470 NP 391427.1           MNVPVEKNSSFSKELQQTLRSRHLLRTELSFSDEMIEWHIKN....GYITAENSISINKRRYRCNRCGQTDQRYFSFYHS..SGK    79
consensus                                            * **  **  * ********* !**  ******!    * !***  * * *****!*!!*! **  *  * *    *

logo
NTDB id 615 LCA RS02545 WP 011374200.1      GRHYCAQCLLFGRLVEGDWLYTVPECHLFENNIPKLTWECQLITPHQEKAAQAVVEVVQTQKRHVLTAVTGAGKTEMLFQGILVAL   145
NTDB id 420424 M654 RS03425 WP 026588944.1  DCVYCRFCVMMGRVSECTPLLTWTGGGSSAWPPVSMTWKGVLSAGQEKAARMIVDAIRQKEQLLVWAVCGSGKTEILFQGIEFAL   163
NTDB id 108 BSU 35470 NP 391427.1           NKLYCRSCVMMGRVSEEVPLYSWKEENESNWKSIKLTWDGKLSSGQQKAANVLIEAISKKEELLIWAVCGAGKTEMLFPGIESAL   164
consensus                                    **!!* !***!!**!  *!*** *   * *  ***!!*! !* *!*!!!*******  ** ****!!*!*!!!!*!!*!!* !!

logo
NTDB id 615 LCA RS02545 WP 011374200.1      QKGQRVCLAAPRVAVCLELYPRLQAAFATTSIMLMHGEQTEPYRYTQLVICTTHQLLKFYHAFDTVIVDEVDAFPFVDNPVLATA   230
NTDB id 420424 M654 RS03425 WP 026588944.1  NKGLRVCIATPRTDVVLELAPRLQTAFKGLDIAVLYGGSPDRGKLAPLVISTTHQLLRYKKAFDVIIDEVDAFPFSLDQTLQYA   248
NTDB id 108 BSU 35470 NP 391427.1           NQGLRVCIATPRTDVVLELAPRLKAAFQGADISALYGGSDDKGRLSPLMISTTHQLLRYKDAIDVMIIDEVDAFPYSADQTLQFA   249
consensus                                   **!*!!!*!*!!**!*!!!*!!!**!! * *! ***!** ******!*!*!!!!!!*** !*!**!*!!!!!!!** ***!**!

logo
NTDB id 615 LCA RS02545 WP 011374200.1      VEQACKPQCALLYLTATPTPAIKRAIAAKQMTVSELPLRFHGHLLPEPQRHVAFNWRAQLKKGRLPKRLERDCQTYL.KTQQILL   314
NTDB id 420424 M654 RS03425 WP 026588944.1  VQKARKPQSARIYLTATPSEEMKRSAENGKLRTVQIPSRYHRKPLPEPVMRWCGNWKRGLDKGKLPPVIMQWLFKHKELQQPVFL   333
NTDB id 108 BSU 35470 NP 391427.1           VQKARKKNSTLVYLSATPPKELKRKALNGQLHSVRIPARHHRKPLPEPRFVWCGNWKKKLNRNKIPPAVKRWIEFHVKEGRPVFL   334
consensus                                   !**!*!******!!*!!!* **!! * **** ** *! !*!***!!!!   ***!!** ! ****!* * ***  **   ****!

logo
NTDB id 615 LCA RS02545 WP 011374200.1      FVPQVRLLQPVANRLSTLLPAVRIETLHANDPDQIKKITAFRAQQIQLMVTTTILERGVTFKNVAVLVLGAEHMVFNEAVLVQIA   399
NTDB id 420424 M654 RS03425 WP 026588944.1  FVPSIPILKSVSFLLKK..AQFQVESVYADDPGRNEKVGLFREEKLDWLVTTTILERGVTVRKVQVGVLGAESAVFSESALVQIA   416
NTDB id 108 BSU 35470 NP 391427.1           FVPSVSILEKAAACFKG..VHCRTASVHAEDKHRKEKVQQFRDGQLDLLITTTILERGVTVPKVQTGVLGAESSIFTESALVQIA   417
consensus                                   !!!** *!  **  **      ******!*!* * *!*  !!* ******!!!!!!!!!!*!*!***!!!!!* *!*!**!!!!!

logo
NTDB id 615 LCA RS02545 WP 011374200.1      GRAGRHKDYAQNPVHFYYQDYTRAIKGACRQIKTQNQRGRRLQSTV   445
NTDB id 420424 M654 RS03425 WP 026588944.1  GRAGRHPQFPWGYVCFFHFGKTKSMNAACRHIRDMNKLAKKEILVD   462
NTDB id 108 BSU 35470 NP 391427.1           GRTGRHKEYADGDVIYFHFGKTKSMLDARKHIKEMNELAAKVECTD   463
consensus                                   !!*!!!*** * ! ******!*** *!***!***! *****  **
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X non conserved

X similar

X ≥50% conserved