```
logo
NTDB id 80020 L6497 RS25510 WP 000225366.1  ..................MVAGKQLLLEELSSDLRRELSDL.KKKGEIICVQGVIKKASKYICQRCGNIEQRLFASFLCKRCSKVC   67
NTDB id 108 BSU 35470 NP 391427.1           MNVPVEKNSSFSKELQQTLRSRHLLRTELS..FSDEMIEWHIKNGYITAENSISINKRRYRCNRCGQTDQRYFSFYHS..SGKNK   81
NTDB id 615 LCA RS02545 WP 011374200.1      ............MGQQVIACGRQFTAAQLADTQNNNY.....SLPQIKRRPAFLRVKHRLVCQRCQQVVPPQ....TC..LPDGR   62
consensus                                                 * ** *****  *!*     ** *   * * !   ***** * ***!*!!****** *  * *    * *

logo
NTDB id 80020 L6497 RS25510 WP 000225366.1  TYCRKCITMGRVSECAVLVRGIHERKGERELHSLQWKGTLSTGQELAAQGVIEAIKQKESFFIWAVCGAGKTEMLFYGIEEALQK  152
NTDB id 108 BSU 35470 NP 391427.1           LYCRSCVMMGRVSEEVPLYSWKEENESNWKSIKLTWDGKLSSGQQKAANVLIEAISKKEELLIWAVCGAGKTEMLFPGIESALNQ  166
NTDB id 615 LCA RS02545 WP 011374200.1      HYCAQCLLFGRLVEGDWLYTVPECHLFENNIPKLTWEGQLTPHQEKAAQAVVEVVQTQKRHVLTAVTGAGKTEMLFQGILVALQK  147
consensus                                    !!* !***!!**!   !**  **   *  * *!*!*! !***!**!!****!**  **  ***!!*!!!!!!!! !!* !!**

logo
NTDB id 80020 L6497 RS25510 WP 000225366.1  EERVCIATPRTDVVLELVPRLQEVFPSINVAALYGGSVDREKDAALVVATTHQLLRYYRAFHVMIVDEIDAFPYHADQMLQYAVQ  237
NTDB id 108 BSU 35470 NP 391427.1           GLRVCIATPRTDVVLELAPRLKAAFQGADISALYGGSDDKGRLSPLMISTTHQLLRYKDAIDVMIIDEVDAFPYSADQTLQFAVQ  251
NTDB id 615 LCA RS02545 WP 011374200.1      GQRVCLAAPRVAVCLELYPRLQAAFATTSIMLMHGEQTEPYRYTQLVICTTHQLLKFYHAFDTVIVDEVDAFPFVDNPVLATAVE  232
consensus                                   * !!!*!*!!**!*!!! !!!***! *  * ***!** ** * * !** !!!!!!*** !****!*!!*!!!!* ****!**!!*

logo
NTDB id 80020 L6497 RS25510 WP 000225366.1  QAMKERAARIYLTATPDEKWKRNFRRGKQKGIIVSGRYHRHPLPVPLFSWCGNWKKSLHHKKIPRVLLQWLKMYVNKKYPIFLFV  322
NTDB id 108 BSU 35470 NP 391427.1           KARKKNSTLVYLSATPPKELKRKALNGQLHSVRIPARHHRKPLPEPRFVWCGNWKKKLNRNKIPPAVKRWIEFHVKEGRPVFLFV  336
NTDB id 615 LCA RS02545 WP 011374200.1      QACKPQCALLYLTATPTPAIKRAIAAKQMTVSELPLRFHGHLLPEPQRHVAFNWRAQLKKGRLPKRLERDCQTYLK.TQQILLFV  316
consensus                                   *! ! * ***!!*!!!   *!!    ***  * ***!*!***!!*! * ***!!** ! * **!* * ***  ***   ***!!!

logo
NTDB id 80020 L6497 RS25510 WP 000225366.1  PHVRYIEEMSLLLKGL..DHRIDGVHAEDPMRKEKVEAFRKGDIPLLVTTTILERGVTVKNLQVAVLGAEEEIFSESALVQIAGR  405
NTDB id 108 BSU 35470 NP 391427.1           PSVSILEKAAACFKGV..HCRTASVHAEDKHRKEKVQQFRDGQLDLLITTTILERGVTVPKVQTGVLGAESSIFTESALVQIAGR  419
NTDB id 615 LCA RS02545 WP 011374200.1      PQVRLLQPVANRLSTLLPAVRIETLHANDPDQIKKITAFRAQQIQLMVTTTILERGVTFKNVAVLVLGAEHMVFNEAVLVQIAGR  401
consensus                                   ! !**** **  ****    !****!!*!* ***!* *!! *** !**!!!!!!!!!!!!******!!!!!  *!*!**!!!!!!!

logo
NTDB id 80020 L6497 RS25510 WP 000225366.1  AGRSFEEPYGEVVYFHYGKTESMVRAKRHIQSMNKSAKEQGLID   449
NTDB id 108 BSU 35470 NP 391427.1           TGRHKEYADGDVIYFHFGKTKSMLDARKHIKEMNELAAKVECTD   463
NTDB id 615 LCA RS02545 WP 011374200.1      AGRHKDYAQNPVHFYYQDYTRAIKGACRQIKTQNQRGRRLQSTV   445
consensus                                   *!!***** **!*******!**** !***!***!  ****  **
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X non conserved

X similar

X ≥50% conserved