```
logo

NTDB id 1076968 ACIU4M RS07125 WP 407708815.1  ......MNLEKAMELSHKLQSRHLLPVECQCTQSELEWLENQGFIHRTPAVDRVASGLICCRCGVSNKRYFALSPCETCK   74
NTDB id 108 BSU 35470 NP 391427.1              MNVPVEKNSSFSKELQQTLRSRHLLRTELSFSDEMIEWHIKNGYITAENSISINKRRYRCNRCGQTDQRYFSFYH..SSG   78
consensus                                      ****** !     !! * ! !!!!!* !* **   *!!*  *!*!*  * *        !*!!! *  !!!    ****

logo

NTDB id 1076968 ACIU4M RS07125 WP 407708815.1  KDCVYCRSCIMLGKVSECGFLYEWTGPQKKETRQVELTWQGELSKGQKRASDRLVEAIQNKFDLLVWAVCGAGKTEVLFH   154
NTDB id 108 BSU 35470 NP 391427.1              KNKLYCRSCVMMGRVSEEVPLYSWKEENESNWKSIKLTWDGKLSSGQQKAANVLIEAISKKEELLIWAVCGAGKTEMLFP   158
consensus                                      ! **!!!!!*!*!*!!!* *!! !  **    * * !!! ! !! !! *!   !*!!!  ! *!!*!!!!!!!!!!*!!

logo

NTDB id 1076968 ACIU4M RS07125 WP 407708815.1  GIKYALNNGMSVCIATPRTDVVLELEPRMRKAFQGLNIAALYGGSSQRFQMAPLMIATTHQLMRYKNAFDVLIVDEVDAF   234
NTDB id 108 BSU 35470 NP 391427.1              GIESALNQGLRVCIATPRTDVVLELAPRLKAAFQGADISALYGGSDDKGRLSPLMISTTHQLLRYKDAIDVMIIDEVDAF   238
consensus                                      !!   !!!*!* !!!!!!!!!!!!!! !!** !!!!  ! !!!!!!  *  * !!!! !!!!!*!!! ! !!*!*!!!!!!

logo

NTDB id 1076968 ACIU4M RS07125 WP 407708815.1  PYSMDERLQFAVLKSMKKTGVRIYLSATPSKKMQKYVARRQLEAIKIPLRFHQKPLPVPTFQWVGDWKKKLKRNRLPAST   314
NTDB id 108 BSU 35470 NP 391427.1              PYSADQTLQFAVQKARKKNSTLVYLSATPPKELKRKALNGQLHSVRIPARHHRKPLPEPRFVWCGNWKKKLNRNKIPPAV   318
consensus                                      !!! !  !!!!! !  !!    *!!!!!!*! * *     !!* **!! !*! !!!! ! ! !*! !!!!! !!**!*

logo

NTDB id 1076968 ACIU4M RS07125 WP 407708815.1  MNWLHEHITKKKRVLLFVPSISTMKKVTHILQGQDVNVQGVSADDQERKQKVQHFRDHRYDVLVTTTILERGVTIQDVQV   394
NTDB id 108 BSU 35470 NP 391427.1              KRWIEFHVKEGRPVFLFVPSVSILEKAAACFKGVHCRTASVHAEDKHRKEKVQQFRDGQLDLLITTTILERGVTVPKVQT   398
consensus                                        !** !*   **! !!!!!*! * !  **  ! **    !*!*! *!! !!!*!!!*  !*!*!!!!!!!!!!** !!

logo

NTDB id 1076968 ACIU4M RS07125 WP 407708815.1  GVLGAESPIFSESALVQISGRAGRHPDFFNGDVYFFHFGLTRSMKQAKKHIVKMNNTAEKEFSEK   459
NTDB id 108 BSU 35470 NP 391427.1              GVLGAESSIFTESALVQIAGRTGRHKEYADGDVIYFHFGKTKSMLDARKHIKEMNELAAKVECTD   463
consensus                                      !!!!!!!*!!*!!!!!!! !! !!!***  !!! *!!!! !*!!  !*!!!  !!  ! !  *
```

X non conserved

X similar

X $\geq$ 50% conserved