```
logo

NTDB id 1026672 AB4K17 RS25875 WP 000225362.1  ..................MVAGKQLLLEELSSDLQRKLNDLKKKGEIVCVQGVKKKNSKYMCQRCGNVDRRLFASFLCKRC   63
NTDB id 108 BSU 35470 NP 391427.1              MNVPVEKNSSFSKELQQTLRSRHLLRTELSFS.DEMIEWHIKNGYITAENSISINKRRYRCNRCGQTDQRYFSFYHS..S   77
consensus                                      **************** *  **!!  !!!  *   *  * ! ! ! * * *     *! !*!!!* ! ! !  ******

logo

NTDB id 1026672 AB4K17 RS25875 WP 000225362.1  SKVCTYCRKCITMGRVSECTVLVRGIAERKREKNSNLLQWNGTLSTGQNLAAQGVIEAIKQKESFFIWAVCGAGKTEMLF   143
NTDB id 108 BSU 35470 NP 391427.1              GKNKLYCRSCVMMGRVSEEVPLYSWKEENESNWKSIKLTWDGKLSSGQQKAANVLIEAISKKEELLIWAVCGAGKTEMLF   157
consensus                                       ! * !!! !* !!!!!!* *!     !       !  ! ! ! !!*!!* !!* *!!!!  !!   !!!!!!!!!!!!!!

logo

NTDB id 1026672 AB4K17 RS25875 WP 000225362.1  YGINEALQKGERVCIATPRTDVVLELAPRLQEVFPYIKVVALYGGSVDKEKDAVLVVATTHQLLRYYRAFHVIVVDEIDA   223
NTDB id 108 BSU 35470 NP 391427.1              PGIESALNQGLRVCIATPRTDVVLELAPRLKAAFQGADISALYGGSDDKGRLSPLMISTTHQLLRYKDAIDVMIIDEVDA   237
consensus                                      *!!   !!* ! !!!!!!!!!!!!!!!!!!!!   !*   * !!!!!! !! *  *!** !!!!!!!!  ! *!***!!*!!

logo

NTDB id 1026672 AB4K17 RS25875 WP 000225362.1  FPYCADQMLQYAVKQAMKEKAARIYLTATPDETWKRKFRKGEQKGVIVSGRYHRHPLPVPLFCWCGNWKKSLNRERIPRV   303
NTDB id 108 BSU 35470 NP 391427.1              FPYSADQTLQFAVQKARKKNSTLVYLSATPPKELKRKALNGQLHSVRIPARHHRKPLPEPRFVWCGNWKKKLNRNKIPPA   317
consensus                                      !!!*!!! !!*!!  ! !     *!!*!!!*   !!!   !  * ! ***!*!!*!!! ! !*!!!!!!! !!! *!!*

logo

NTDB id 1026672 AB4K17 RS25875 WP 000225362.1  LLQWLKMYLNKKYPVFLFVPHVRYIEEISSLLKSLHNKVEGVHAEDPMRKEKVAAFRKGEIPLLVTTTILERGVTVKNLQ   383
NTDB id 108 BSU 35470 NP 391427.1              VKRWIEFHVKEGRPVFLFVPSVSILEKAAACFKGVHCRTASVHAEDKHRKEKVQQFRDGQLDLLITTTILERGVTVPKVQ   397
consensus                                      *  !*  **    !!!!!!!*!  *!    * ! *!**   !!!!!**!!!!!  !! ! **!!*!!!!!!!!!!!* *!

logo

NTDB id 1026672 AB4K17 RS25875 WP 000225362.1  VAVLGAEEEIFSESALVQIAGRAGRSFEAPYGEVIYFHYGKTEAMVRAKKHIQGMNKNAKEQGLID   449
NTDB id 108 BSU 35470 NP 391427.1              TGVLGAESSIFTESALVQIAGRTGRHKEYADGDVIYFHFGKTKSMLDARKHIKEMNELAAKVECTD   463
consensus                                       *!!!!!  !!*!!!!!!!!!! !!* ! * !*!!!!!*!!!  !* !*!!!  !!  !    * !
```

X non conserved

X similar

X $\geq$ 50% conserved