```
logo

NTDB id 160937 CPter291 RS02855 WP 062111861.1  MFSFFKKKPKPEVAPLPAAELPQVETIETAPVEATPAVVADIS..............PADVPAV...VPA......VVPA   57
NTDB id 1118 NGFG RS11455 WP 003696286.1        MFSFFRRKKKQETPALEEAQVQETAAKVESEV...AQIVGNIKEDVESLAESVKGRAESAVETVSGAVEQVKETVAEMPS   77
consensus                                       !!!!!**!*!*! **!* ! **        *!**** *!* ! ***************  !* !***!* ****** *!

logo

NTDB id 160937 CPter291 RS02855 WP 062111861.1  ALAS.......EPPAV..VAAEAENE.IVSAPVAAEQKRSWLSRLKSGLSKTST....NLSTLFVGAKIDDDLYEELESA  123
NTDB id 1118 NGFG RS11455 WP 003696286.1        EAGEAAERVESAKEAVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLAGVFGGGQIGEDLYEELETV  157
consensus                                         * ******* **!!**  *!!   *    *   !*!  !  !!! !! !*  **** !  *! !* ! *!!!!!!!*

logo

NTDB id 160937 CPter291 RS02855 WP 062111861.1  LLVSDAGVDATHFLLNALKKKVKEEKLTEASQVKAALRSLLIDLLTPLQKPLVLDQ.HQPLVIMIAGVNGAGKTTTIGKL  202
NTDB id 1118 NGFG RS11455 WP 003696286.1        LITGDMGMEATEYLMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPLVLPETKEPFVIMLAGINGAGKTTSIGKL  237
consensus                                       !*  ! !**!!**!*  ** *!    ! **  ***!!*  ! !!* !! !!!!!* ** ! !!!*!!*!!!!!!!*!!!!

logo

NTDB id 160937 CPter291 RS02855 WP 062111861.1  AKHLQAHKQSVLLAAGDTFRAAAREQLTIWGERNNVTVISQESGDPAAVAFDAVHSAQARGTNVVMVDTAGRLPTQLHLM  282
NTDB id 1118 NGFG RS11455 WP 003696286.1        AKYFQAGGKSVLLAAGDTFRAAAREQLQAWGGRNNVTVISQTTGDSAAVCFDAVQAAKARGIDIVLADTAGRLPTQLHLM  317
consensus                                       !!* !!*  !!!!!!!!!!!!!!!!!!  !! !!!!!!!!! *!!*!!!*!!!!* ! !!!  *!* !!!!!!!!!!!!!

logo

NTDB id 160937 CPter291 RS02855 WP 062111861.1  DELKKIKRVIGKGMATAPHEILLVLDGNTGQNALAQVKAFDDALGLTGLVITKLDGTAKGGVLAAIATTRAIPVYFIGVG  362
NTDB id 1118 NGFG RS11455 WP 003696286.1        EEIKKVKRVLQKAIPGAPHEIIVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAALASDRPVPVRYIGVG  397
consensus                                       *!*!!*!!!* !*** !!!!!**!!!*! !!!!* !!!!!!!!!!!!!!**!!!!!!!!!!*!!!*!* !**!! *!!!!

logo

NTDB id 160937 CPter291 RS02855 WP 062111861.1  EQIEDLQPFNAADFVDALLS   382
NTDB id 1118 NGFG RS11455 WP 003696286.1        EGIDDLRPFDARAFVDALLD   417
consensus                                       ! !*!! !! !  !!!!!!
```

X non conserved

X similar

X ≥ 50% conserved