```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 70468 EL388 RS02095 WP 420856661.1  ..........................................................................................  0
NTDB id 1118 NGFG RS11455 WP 003696286.1    MFSFFRRKKKQETPALEEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSGAVEQVKETVAEMPSEAGEAAER  85
consensus                                   ******************************************************************************************

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 70468 EL388 RS02095 WP 420856661.1  ..........MFSFFKKDPAAGPAESTRPAASWSERLKAGLSRTRTALTQPFASLFAGHARIDEALYEELETILLSADVGVEATQ  75
NTDB id 1118 NGFG RS11455 WP 003696286.1    VESAKEAVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLAGVFGG.GQIGEDLYEELETVLITGDMGMEATE  169
consensus                                   **********        *  **! *      !  !!! !! **!  *  * ! *!*!** ! ! !!!!!!!*!***!*!*!!!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 70468 EL388 RS02095 WP 420856661.1  HLLAALRARVKRDGLTEVDQLRGALKSVLTELLAPLEKPLVLSG.HKPFVIMLAGVNGAGKTTTIGKLAWRFRQEGKRVMLAAGD  159
NTDB id 1118 NGFG RS11455 WP 003696286.1    YLMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPLVLPETKEPFVIMLAGINGAGKTTSIGKLAKYFQAQGKSVLLAAGD  254
consensus                                   *!*  *!*!!   !! *   !!!!!!  ! *!* !!!!!!!!* ** !!!!!!!!*!!!!!!!*!!!!!  !   !! !*!!!!!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 70468 EL388 RS02095 WP 420856661.1  TFRAAAREQLEEWGARNQVEVVGGSGGDPAAVIYDAIQSATARGIDVVLADTAGRLPTQLHLMEELKKIRRVIQKAEPSAPHEVL  244
NTDB id 1118 NGFG RS11455 WP 003696286.1    TFRAAAREQLQAWGGRNNVTVISQTTGDSAAVCFDAVQAAKARGIDIVLADTAGRLPTQLHLMEEIKKVKRVLQKAIPGAPHEII  339
consensus                                   !!!!!!!!!!  !!*!!*! !*  * !!*!!!**!!*! ! !!!!!*!!!!!!!!!!!!!!!!!!!!*!!**!!*!!! ! !!!!**

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 70468 EL388 RS02095 WP 420856661.1  LVLDANIGQNALAQAQAFDEAIGVTGLVLTKLDGTAKGGVIAALAKRRPIPVRFIGVGEGLEDLQPFRVDEFVDALFA  322
NTDB id 1118 NGFG RS11455 WP 003696286.1    VVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAALASDRPVPVRYIGVGEGIDDLRPFDARAFVDALLD  417
consensus                                   *!!!!!!!!!!!* !  !!!*!*!*!!!**!!!!!!!!!!**!!!!  !!*!!!*!!!!!!**!! !!    !!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved