```
logo

NTDB id 176141 A0C10 RS10380 WP 011903763.1  ................................................................................    0
NTDB id 1118 NGFG RS11455 WP 003696286.1     MFSFFRRKKKQETPALEEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSGAVEQVKETVAEMPSEAG   80
consensus                                    ********************************************************************************

logo

NTDB id 176141 A0C10 RS10380 WP 011903763.1  .................................................MFGLRKTLGSLFKTSKTDEAWFDTLEESLIQ   31
NTDB id 1118 NGFG RS11455 WP 003696286.1     EAAERVESAKEAVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLAGVFGGGQIGEDLYEELETVLIT  160
consensus                                    *************************************************   * !*!* *!      !  **  !!  !! 

logo

NTDB id 176141 A0C10 RS10380 WP 011903763.1  SDVGLPTTEQLIIKLRKAAKSEKASSPEELQALLIQEVSTLLGSLEPNPNPLFTDQKIHIPEVWLVVGVNGAGKTTTIGK  111
NTDB id 1118 NGFG RS11455 WP 003696286.1     GDMGMEATEYLMKDVRGRVSLKGLKDGNELRGALKEALYDL...IKPLEKPLVL.PETKEPFVIMLAGINGAGKTTSIGK  236
consensus                                     !*!** !! !*  *!          * !! * !   *  !**** ! * !!  **  * ! ! **  !*!!!!!!!*!!!

logo

NTDB id 176141 A0C10 RS10380 WP 011903763.1  LCKLFQSQGKSVLLAAGDTFRAAARNQLQEWGGRNQVDVITQDGGDAAAVAHDAIHAANSRKSDILIIDTAGRLATQDHL  191
NTDB id 1118 NGFG RS11455 WP 003696286.1     LAKYFQAQGKSVLLAAGDTFRAAAREQLQAWGGRNNVTVISQTTGDSAAVCFDAVQAAKARGIDIVLADTAGRLPTQLHL  316
consensus                                    !*! !! !!!!!!!!!!!!!!!!!! !!! !!!!!*! !!*!  !! !!!**!!**!!  !  !!** !!!!!!*!! !!

logo

NTDB id 176141 A0C10 RS10380 WP 011903763.1  MEELKKVKRVIGKALPGAPHHTLLVLDGNTGQNGLSQVKAFHAALGLTGLIVTKLDGTAKGGVICALAHTLKDEPKPAVL  271
NTDB id 1118 NGFG RS11455 WP 003696286.1     MEEIKKVKRVLQKAIPGAPHEIIVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAALASD...RP.VPVR  392
consensus                                    !!!*!!!!!!* !!*!!!!!* **!!!*! !!!** !!!!!* !!!!!!!!!!!!!!!!!!!***!!!* *** !***! 

logo

NTDB id 176141 A0C10 RS10380 WP 011903763.1  ALGKGEGIDDLVPFTAHQYSSELFN  296
NTDB id 1118 NGFG RS11455 WP 003696286.1     YIGVGEGIDDLRPFDARAFVDALLD  417
consensus                                     *! !!!!!!! !! !* *   !  
```

X non conserved

X similar

X ≥ 50% conserved