```
logo
NTDB id 413771 GTQ55 RS00590 WP 221296284.1  ..............................................................MAGVAE..............   6
NTDB id 1118 NGFG RS11455 WP 003696286.1     MFSFFRRKKKQETPALEEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSGAVEQVKETVAEMPSEAG   80
consensus                                    ************************************************************ !  !**************

logo
NTDB id 413771 GTQ55 RS00590 WP 221296284.1  ..PEAPESSP....EPVSEA...ALQPATQDKPKKEGFFARIRRGLSRTSSQFAEGMGNLFLGAKEIDEDLMEELETQLL   77
NTDB id 1118 NGFG RS11455 WP 003696286.1     EAAERVESAKEAVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLAGVF.GGGQIGEDLYEELETVLI  159
consensus                                    ***! *!! *****!*! !!***   *     **! !* !!** !! **    !  ** *!*!*  ! !!! !!!!! !*

logo
NTDB id 413771 GTQ55 RS00590 WP 221296284.1  MADVGVDATTEIIDRLTERVSRRELSNGEALYNALQEELAGLLDKVEAPLSIDQAKKPFVILVVGVNGVGKTTTIGKMAH  157
NTDB id 1118 NGFG RS11455 WP 003696286.1     TGDMGMEATEYLMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPLVLPETKEPFVIMLAGINGAGKTTSIGKLAK  239
consensus                                     *!*!**!!  **  *  !!! * !  !  !  !! ! !  !* **! !! **  ! !!!!** !*!! !!!!*!!!*!*

logo
NTDB id 413771 GTQ55 RS00590 WP 221296284.1  RYLNEGKSVMLAAGDTFRAAAVEQLQVWGQRHNVPVVAQHTGADSASVIFDAIQSAQSRGVDVVIADTAGRLHNKANLME  237
NTDB id 1118 NGFG RS11455 WP 003696286.1     YFQAQGKSVLLAAGDTFRAAAREQLQAWGGRNNVTVISQTTG.DSAAVCFDAVQAAKARGIDIVLADTAGRLPTQLHLME  318
consensus                                     *   !!!!*!!!!!!!!!!! !!!! !! !*!!*!* !*!!*!!! !*!!!*! !  !!*!*!*!!!!!!!    *!!!

logo
NTDB id 413771 GTQ55 RS00590 WP 221296284.1  ELSKVRRVMGKLDGSAPHEVLLVLDAGTGQNALSQAETFRDSAGVTGLVLTKLDGTAKGGVIFALAQKLGIPVRFIGVGE  317
NTDB id 1118 NGFG RS11455 WP 003696286.1     EIKKVKRVLQKAIPGAPHEIIVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAALASDRPVPVRYIGVGE  398
consensus                                    !* !!*!!* !  * !!!!***!!!!  !!!!* !   ! !  !*!!!**!!!!!!!!!!** !!!   **!!!*!!!!!

logo
NTDB id 413771 GTQ55 RS00590 WP 221296284.1  QAEDLQPFAAKDFVAALFNRSQG   340
NTDB id 1118 NGFG RS11455 WP 003696286.1     GIDDLRPFDARAFVDALLD....   417
consensus                                      *!! !! !* !! !!  ****
```

X non conserved

X similar

X $\geq$ 50% conserved