```
logo
NTDB id 1170828 ACOFKU RS12380 WP 419812498.1  MFNFFKRKKNAPEAQKPAEDQVVETQDQTQEQAQELVQE...QA.......QKPAESAVDHAAEIETAVQAVEEVVAEEQ   70
NTDB id 1118 NGFG RS11455 WP 003696286.1       MFSFFRRKKKQETPAL.EEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKGRAESAVET...VSGAVEQVKETVAEM.   75
consensus                                      !! !!*!!!  * *  * ! !! !!          *!  ***  *******  *!!!!!******  !!  ! ! !!! *

logo
NTDB id 1170828 ACOFKU RS12380 WP 419812498.1  ALTQPDVERETAEQEKAEPVVEAVAAPTPESTPEPEPKAEENSEALTFFEEATEQQAPKEEKKKGLFGRIRAGLSKTRSG  150
NTDB id 1118 NGFG RS11455 WP 003696286.1       ....PSEAGEAA..ERVESAK.............EAVAETVGEA...VGQVQEAVATTEEHKLGWAARLKQGLAKSRDK  132
consensus                                      ****!    ! !**!* !*  **************!* !!   !!***     !  !* !!*! !  *!** !! !*!

logo
NTDB id 1170828 ACOFKU RS12380 WP 419812498.1  LVDGLADLLVGKKEIDDDLLEDLETQLIMADVGMEATQEIMERLTGRISRKELSDSDALFEALIEELRTMLDVAQQPLVV  230
NTDB id 1118 NGFG RS11455 WP 003696286.1       MAKSLAGVF.GGGQIGEDLYEELETVLITGDMGMEATEYLMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPLVL  211
consensus                                      *   !! * *!   ! *!! !*!!! !! *!*!!!!!  *!  * !!*! ! ! !   !  !! ! !  ** *   !!!*

logo
NTDB id 1170828 ACOFKU RS12380 WP 419812498.1  DSEKSPYVILMVGINGVGKTTTIGKLAKQFQNAGKSVMLAAGDTFRAAAVEQLQVWGERNDVPVVAQHTGADSASVIFDA  310
NTDB id 1118 NGFG RS11455 WP 003696286.1       PETKEPFVIMLAGINGAGKTTSIGKLAKYFQAQGKSVLLAAGDTFRAAAREQLQAWGGRNNVTVISQTTG.DSAAVCFDA  290
consensus                                      *  ! !*!!** !!!! !!!!*!!!!!! !!  !!!!*!!!!!!!!!!! !!!! !! !! !*!* !*!!*!!! !*!!!

logo
NTDB id 1170828 ACOFKU RS12380 WP 419812498.1  VEAAKSRNVDILIADTAGRLHTKDNLMQELEKVVRVMKKLDDTAPHEVMLVLDAGTGQNAINQCKQFLQAVGVTGLTLTK  390
NTDB id 1118 NGFG RS11455 WP 003696286.1       VQAAKARGIDIVLADTAGRLPTQLHLMEEIKKVKRVLQKAIPGAPHEIIVVLDANIGQNAVNQVKAFDDALGLTGLIVTK  370
consensus                                      ! !!!  ! *!!**!!!!!!! !  *!! !* !! !!* !  * !!!!***!!!!  !!!!*!!*! !  !*!*!!! *!!

logo
NTDB id 1170828 ACOFKU RS12380 WP 419812498.1  LDGTAKGGIIFALAKQFEIPVRFIGVGESIDDLRPFNADEFTRALFKQDD  440
NTDB id 1118 NGFG RS11455 WP 003696286.1       LDGTAKGGILAALASDRPVPVRYIGVGEGIDDLRPFDARAFVDALLD...  417
consensus                                      !!!!!!!!!* !!!    **!!!*!!!!! !!!!!!! !  !  !!  ***
```

X non conserved

X similar

X $\geq$ 50% conserved