```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1081656 ACK2JB RS07865 WP 016475229.1  ..........................................................................................  0
NTDB id 1118 NGFG RS11455 WP 003696286.1       MFSFFRRKKKQETPALEEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSGAVEQVKETVAEMPSEAG  80
consensus                                      ******************************************************************************

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1081656 ACK2JB RS07865 WP 016475229.1  ...............................MALGSSEGWFSRLKNGLSRTRV....NIVGLFSGGVVDEDFLEELEFALIS  47
NTDB id 1118 NGFG RS11455 WP 003696286.1       EAAERVESAKEAVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLAGVFGGGQIGEDLYEELETVLIT  160
consensus                                      ******************************    *  !!  !!!*!! **! **** * !*! !! * !!  !!!!  !!*

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1081656 ACK2JB RS07865 WP 016475229.1  ADVGVETTTHILERLRSDIKLQGLKTQEEVKLALRDELVTILKPAEGVLNV.DQAKPCVIMMCGVNGAGKTTSIGKLAKR  126
NTDB id 1118 NGFG RS11455 WP 003696286.1       GDMGMEATEYLMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPLVLPETKEPFVIMLAGINGAGKTTSIGKLAKY  240
consensus                                      *!*!*! ! ***  *!  * ! !!!   !** !!** !  **!! ! *! ***   !*!!!**!*!!!!!!!!!!!!!!

logo
                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1081656 ACK2JB RS07865 WP 016475229.1  FADNGKSVLLAAGDTFRAAAREQLAVWGERNRVEVIAQTGGDPAAVVFDAVNAGRARSMDVVIADTAGRLPTQTNLMEEL  206
NTDB id 1118 NGFG RS11455 WP 003696286.1       FQAQGKSVLLAAGDTFRAAAREQLQAWGGRNNVTVISQTTGDSAAVCFDAVQAAKARGIDIVLADTAGRLPTQLHLMEEI  320
consensus                                      !  *!!!!!!!!!!!!!!!!!!!  !! !! ! !! !! !!*!!!*!!!!*!**!! *!*!*!!!!!!!!!! *!!!!*

logo
                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1081656 ACK2JB RS07865 WP 016475229.1  SRIRRAQEKALEGAPHEVILVVDGTNGQNALAQVAAFDTYAHLTGLIVTKLDGTAKGGVLAAITAARGERRLPIYYIGVG  286
NTDB id 1118 NGFG RS11455 WP 003696286.1       KKVKRVLQKAIPGAPHEIIVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAALA...SDRPVPVRYIGVG  397
consensus                                       ***!   !!**!!!!!*!*!*!*  !!!!* !! !!!   *!!!!!!!!!!!!!!!!*!!!* *** *!**!* !!!!!

logo
                                                                                                
NTDB id 1081656 ACK2JB RS07865 WP 016475229.1  EKLEDLQPFSAEEFANALVGLDAK  310
NTDB id 1118 NGFG RS11455 WP 003696286.1       EGIDDLRPFDARAFVDALLD....  417
consensus                                      ! **!! !! !  !  !!* ****
```

X non conserved

X similar

X $\geq$ 50% conserved