```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1055219 ACE1C5 RS04575 WP 064619905.1   ..........................................................................................   0
NTDB id 1118 NGFG RS11455 WP 003696286.1        MFSFFRRKKKQETPALEEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSGAVEQVKETVAEMPSEAG   80
consensus                                       ******************************************************************************

logo

NTDB id 1055219 ACE1C5 RS04575 WP 064619905.1   ...............................MSENEKGGWFSRMKAGLSKSSKNLSEGLVSVLVGGKEIDDELLEEVEDQLL   51
NTDB id 1118 NGFG RS11455 WP 003696286.1        EAAERVESAKEAVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLAGV.FGGGQIGEDLYEELETVLI   159
consensus                                       ****************************** *! *! !!  !*! !! !!   *   !  !* !!  ! **! !!*!  !*

logo

NTDB id 1055219 ACE1C5 RS04575 WP 064619905.1   VADIGVNATNRIIKNLTEQTARGDLIYSHALYKALKTELTDILTPKVAPLIIDTTKKPFVILMVGVNGVGKTTTIGKLAK   131
NTDB id 1118 NGFG RS11455 WP 003696286.1        TGDMGMEATEYLMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPLVLPETKEPFVIMLAGINGAGKTTSIGKLAK   239
consensus                                        *!*!* !!   **! *        !   * !  !!!  ! !** !   !!*** !! !!!!** !*!! !!!!*!!!!!!

logo

NTDB id 1055219 ACE1C5 RS04575 WP 064619905.1   RLQAEGKSVMLAAGDTFRAAATEQLQIWGERNGIPVVAQGHGSDSASVIFDAMQSAKAKGIDVLIADTAGRLQNKTYLMN   211
NTDB id 1118 NGFG RS11455 WP 003696286.1        YFQAQGKSVLLAAGDTFRAAAREQLQAWGGRNNVTVISQTTG.DSAAVCFDAVQAAKARGIDIVLADTAGRLPTQLHLME   318
consensus                                         !! !!!!*!!!!!!!!!!! !!!! !! !! **!* ! *!*!!! !*!!!*! !!!*!!!***!!!!!!!*   *!!

logo

NTDB id 1055219 ACE1C5 RS04575 WP 064619905.1   ELEKVVRVMKKGDETAPHETMIVLDAGTGQNAINQVQVFSEAVNLTGISVTKLDGTAKGGVVFNIAQNTDIPIRFIGVGE   291
NTDB id 1118 NGFG RS11455 WP 003696286.1        EIKKVKRVLQKAIPGAPHEIIVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAALASDRPVPVRYIGVGE   398
consensus                                       !* !! !!* !* * !!!! **!!!!  !!!!*!!!  ! *!* !!!* !!!!!!!!!!!**  *!   **!*!*!!!!!

logo

NTDB id 1055219 ACE1C5 RS04575 WP 064619905.1   GIDDLQPFKPKDFVDALLEKEE   313
NTDB id 1118 NGFG RS11455 WP 003696286.1        GIDDLRPFDARAFVDALLD...   417
consensus                                       !!!!! !! ** !!!!!!****
```

X non conserved

X similar

X $\geq$ 50% conserved