```
logo

NTDB id 1061410 ACGB44 RS20235 WP 394375111.1  MFGSNDDKKTPAEPGEKKGLFGWLRKKPQP.APAEQPAAEQPDSESVEQTGAPVESPVATPQ...........EEQPA..   66
NTDB id 1118 NGFG RS11455 WP 003696286.1       ...................MFSFFRRKKKQETPALEEAQVQ.......ETAAKVESEVAQIVGNIKEDVESLAESVKGRA   54
consensus                                      ********************! * !*!* ** !!  *!  !******* !*!*!!!*!! * ***********!  ****

logo

NTDB id 1061410 ACGB44 RS20235 WP 394375111.1  .RMVEADMQPAEDIEP.VLLHPEPEPE........PEPEPEPEPEPLPAPVVATAPEAPTKLGFFARLRQGLSKTSASIG   136
NTDB id 1118 NGFG RS11455 WP 003696286.1       ESAVETVSGAVEQVKETVAEMPSEAGEAAERVESAKEAVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMA   134
consensus                                      *  !!    * ! * **!  *! * *!*********!* *!* *!*** *  ! !*  **!!!* !!!*!!! !*   **

logo

NTDB id 1061410 ACGB44 RS20235 WP 394375111.1  EGMASLFLGKKAIDDDLLDELETRLLTADVGVEATTAIMQNLTRRVSRKELADSGALYTALQEELVGLLKPVEQPLAIDA   216
NTDB id 1118 NGFG RS11455 WP 003696286.1       KSLAGVFG.GGQIGEDLYEELETVLITGDMGMEATEYLMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPLVLPE   213
consensus                                        *! *! *   ! *!! *!!!! !*!*!*!*!!!  *!  *  !!! ! ! !   !  !! ! !  !*!!*! !! **

logo

NTDB id 1061410 ACGB44 RS20235 WP 394375111.1  GKRPYVILVVGVNGVGKTTTIGKLAKKLQLDGKKVMLAAGDTFRAAAVEQLQVWGERNGIPVVAQHTGADSASVIFDAVQ   296
NTDB id 1118 NGFG RS11455 WP 003696286.1       TKEPFVIMLAGINGAGKTTSIGKLAKYFQAQGKSVLLAAGDTFRAAAREQLQAWGGRNNVTVISQTTG.DSAAVCFDAVQ   292
consensus                                       ! !*!!** !*!! !!!!*!!!!!!  !  !! !*!!!!!!!!!!! !!!! !! !! **!* !*!!*!!! !*!!!!!

logo

NTDB id 1061410 ACGB44 RS20235 WP 394375111.1  AAKARGIDVLIADTAGRLHTKDNLMEELKKVRRVMGKLDESAPHEVLLVLDAGTGQNAINQTKQFNQAVELTGLALTKLD   376
NTDB id 1118 NGFG RS11455 WP 003696286.1       AAKARGIDIVLADTAGRLPTQLHLMEEIKKVKRVLQKAIPGAPHEIIVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLD   372
consensus                                      !!!!!!!!***!!!!!!! !  *!!!!*!!!*!!* !  * !!!!***!!!!  !!!!*!! ! !  !* !!!! *!!!!

logo

NTDB id 1061410 ACGB44 RS20235 WP 394375111.1  GTAKGGVIFALAKQFGTPIRYIGVGESIDDLRTFEADAFVKALFSQREDA   426
NTDB id 1118 NGFG RS11455 WP 003696286.1       GTAKGGILAALASDRPVPVRYIGVGEGIDDLRPFDARAFVDALLD.....   417
consensus                                      !!!!!!** !!!   * !*!!!!!!! !!!!!*!*! !!! !!  *****
```

X non conserved

X similar

X ≥ 50% conserved