```
logo
NTDB id 381163 FYB02 RS04335 WP 041937118.1  MFSFFKKKSPPPAAPAQPAPPPE...AVDAGSA.............APAQPQPAEPQPAPMPAPQPEPQPEPQPQQPPEP   64
NTDB id 1118 NGFG RS11455 WP 003696286.1     MFSFFRRKKKQETPALEEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSG.AVEQVKETVAEMPSEA   79
consensus                                    !!!!!**! *** **  *!***!*** !*   !**************!*  * *!!* * ***** *!* *!* *  !*!*

logo
NTDB id 381163 FYB02 RS04335 WP 041937118.1  APPAMASPPVAESQPPVA......EPQPPVAAAPEAPRKASWLSRLKQGLSRTG....QNIGGLFVGVKVDENLFEELES  134
NTDB id 1118 NGFG RS11455 WP 003696286.1     GE...AAERVESAKEAVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLAGVFGGGQIGEDLYEELET  156
consensus                                    *****! **!    **!!****** *!** ! !*  **!  !  !!!!!! ** ****  **!*! !  * ! !*!!!!*

logo
NTDB id 381163 FYB02 RS04335 WP 041937118.1  ALIMADAGIEATEKLLAALRARVKKERIDDPAQVKTALRQLLADHLWPLERSFDLG.RAQPLVVMIAGVNGAGKTTSIGK  213
NTDB id 1118 NGFG RS11455 WP 003696286.1     VLITGDMGMEATEYLMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPLVLPETKEPFVIMLAGINGAGKTTSIGK  236
consensus                                     !! *! !*!!!! !*  *!*!!    * !*  ** !!*  ! !** !!!**  !**   ! !*!*!!*!!!!!!!!!!!

logo
NTDB id 381163 FYB02 RS04335 WP 041937118.1  LAHTFQRQGASVLLAAGDTFRAAAREQLVEWGSRNNVTVISQDGGDPAAVAFDSVNAGRARNVGVVMVDTAGRLPTQLHL  293
NTDB id 1118 NGFG RS11455 WP 003696286.1     LAKYFQAQGKSVLLAAGDTFRAAAREQLQAWGGRNNVTVISQTTGDSAAVCFDAVQAAKARGIDIVLADTAGRLPTQLHL  316
consensus                                    !!* !! !! !!!!!!!!!!!!!!!!!!  !! !!!!!!!!!  !!*!!!*!! !*!**!! * *!* !!!!!!!!!!!!

logo
NTDB id 381163 FYB02 RS04335 WP 041937118.1  MEELKKIRRVIGKAEASAPHEVLLVVDGNTGQNALAQIRAFDAAITLTGLVVTKLDGTAKGGTLAAVAAGSQGVRPIPVY  373
NTDB id 1118 NGFG RS11455 WP 003696286.1     MEEIKKVKRVLQKAIPGAPHEIIVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAALA....SDRPVPVR  392
consensus                                    !!!*!!**!!* !! * !!!!***!*!*! !!!!* !**!!! !* !!!!*!!!!!!!!!!! !!!*!****  !!*!!

logo
NTDB id 381163 FYB02 RS04335 WP 041937118.1  WIGVGEGLEDLQPFVADEFAAALLAD   399
NTDB id 1118 NGFG RS11455 WP 003696286.1     YIGVGEGIDDLRPFDARAFVDALLD.   417
consensus                                    *!!!!!!**!! !! !  !  !!! *
```

X non conserved

X similar

X $\geq$ 50% conserved