```
logo

NTDB id 380775 FYB37 RS04335 WP 041937118.1  MFSFFKKKSPPPAAPAQPAPPPE...AVDAGSA.............APAQPQPAEPQPAPMPAPQPEPQPEPQPQQPPEP    64
NTDB id 1118 NGFG RS11455 WP 003696286.1     MFSFFRRKKKQETPALEEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSG.AVEQVKETVAEMPSEA    79
consensus                                    !!!!!**!  *** **  *!***!*** !*   !**************!*  * *!!* * ***** *!* *!* *  !*!*

logo

NTDB id 380775 FYB37 RS04335 WP 041937118.1  APPAMASPPVAESQPPVA......EPQPPVAAAPEAPRKASWLSRLKQGLSRTG....QNIGGLFVGVKVDENLFEELES   134
NTDB id 1118 NGFG RS11455 WP 003696286.1     GE...AAERVESAKEAVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLAGVFGGGQIGEDLYEELET   156
consensus                                    *****! **!    **!!****** *!** ! !*  **!  !  !!!!!! ** ****  **!*! !  * ! !*!!!!*

logo

NTDB id 380775 FYB37 RS04335 WP 041937118.1  ALIMADAGIEATEKLLAALRARVKKERIDDPAQVKTALRQLLADHLWPLERSFDLG.RAQPLVVMIAGVNGAGKTTSIGK   213
NTDB id 1118 NGFG RS11455 WP 003696286.1     VLITGDMGMEATEYLMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPLVLPETKEPFVIMLAGINGAGKTTSIGK   236
consensus                                     !! *! !*!!!! !*  *!*!!    * !*  ** !!*  ! !** !!!**  !**   ! !*!*!!*!!!!!!!!!!!

logo

NTDB id 380775 FYB37 RS04335 WP 041937118.1  LAHTFQRQGASVLLAAGDTFRAAAREQLVEWGSRNNVTVISQDGGDPAAVAFDSVNAGRARNVGVVMVDTAGRLPTQLHL   293
NTDB id 1118 NGFG RS11455 WP 003696286.1     LAKYFQAQGKSVLLAAGDTFRAAAREQLQAWGGRNNVTVISQTTGDSAAVCFDAVQAAKARGIDIVLADTAGRLPTQLHL   316
consensus                                    !!* !! !! !!!!!!!!!!!!!!!!!!  !! !!!!!!!!!  !!*!!!*!! !*!**!! * *!* !!!!!!!!!!!!

logo

NTDB id 380775 FYB37 RS04335 WP 041937118.1  MEELKKIRRVIGKAEASAPHEVLLVVDGNTGQNALAQIRAFDAAITLTGLVVTKLDGTAKGGTLAAVAAGSQGVRPIPVY   373
NTDB id 1118 NGFG RS11455 WP 003696286.1     MEEIKKVKRVLQKAIPGAPHEIIVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAALA....SDRPVPVR   392
consensus                                    !!!*!!**!!* !! * !!!!***!*!*! !!!!* !**!!! !* !!!!*!!!!!!!!!!! !!!*!****  !!*!!

logo

NTDB id 380775 FYB37 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