```
logo
NTDB id 54340 BN112 RS12900 WP 033449519.1  MFSFFKKKSPPPAAPAQPAPPPE...AVDAGSAA......P.......AQPQPAEPQPAPMPAPQPEPQPEPQPQQPPEPAPPAM   69
NTDB id 1118 NGFG RS11455 WP 003696286.1    MFSFFRRKKKQETPALEEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSG.AVEQVKETVAEMPSEAG...E   81
consensus                                   !!!!!**! *** **  *!***!*** !*   ! **************  * *!!* * ***** *!* *!* *  !*!*****

logo
NTDB id 54340 BN112 RS12900 WP 033449519.1  ASPPVAEPQPPVAESQPPVAEPQPPVAAAPEAPRKASWLSRLKQGLSRTG....QNIGGLFVGVKVDENLFEELESALIMADAGI  150
NTDB id 1118 NGFG RS11455 WP 003696286.1    AAERVESAKEAVAETVG.EAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLAGVFGGGQIGEDLYEELETVLITGDMGM  165
consensus                                   ! **!  * **!!!* ** ! *!** ! !*  **!  !  !!!!!! ** ****  **!*! !  * ! !*!!!!* !! *! !*

logo
NTDB id 54340 BN112 RS12900 WP 033449519.1  EATEKLLAALRARVKKERIDDPAQVKTALRQLLADHLRPLERSFDLG.RAQPLVVMIAGVNGAGKTTSIGKLAHTFQRQGASVLL  234
NTDB id 1118 NGFG RS11455 WP 003696286.1    EATEYLMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPLVLPETKEPFVIMLAGINGAGKTTSIGKLAKYFQAQGKSVLL  250
consensus                                   !!!! !*  *!*!!    * !*  ** !!*  ! !***!!!** !**   ! !*!*!*!!!!!!!!!!!!!* !! !! !!!!

logo
NTDB id 54340 BN112 RS12900 WP 033449519.1  AAGDTFRAAAREQLVEWGSRNNVTVISQDGGDPAAVAFDSVNAGRARNVGVVMVDTAGRLPTQLHLMEELKKIRRVIGKAEASAP  319
NTDB id 1118 NGFG RS11455 WP 003696286.1    AAGDTFRAAAREQLQAWGGRNNVTVISQTTGDSAAVCFDAVQAAKARGIDIVLADTAGRLPTQLHLMEEIKKVKRVLQKAIPGAP  335
consensus                                   !!!!!!!!!!!!!!  !! !!!!!!!!!  !!*!!!*!! !*!**!! * *!* !!!!!!!!!!!!!!!*!!**!!* !! * !!

logo
NTDB id 54340 BN112 RS12900 WP 033449519.1  HEVLLVVDGNTGQNALAQIRAFDAAITLTGLVVTKLDGTAKGGTLAAVAAGSQGVRPIPVYWIGVGEGLEDLQPFVADEFAAALL  404
NTDB id 1118 NGFG RS11455 WP 003696286.1    HEIIVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAALA....SDRPVPVRYIGVGEGIDDLRPFDARAFVDALL  416
consensus                                   !!***!*!*! !!!!* !**!!! !* !!!!*!!!!!!!!!!! !!!*!****  !!*!! *!!!!!!**!! !! !  !  !!!

logo
NTDB id 54340 BN112 RS12900 WP 033449519.1  AD   406
NTDB id 1118 NGFG RS11455 WP 003696286.1    D.   417
consensus                                    *
```

X non conserved

X similar

X ≥50% conserved