```
logo
NTDB id 1144760 LPM7613 RS12735 WP 015443981.1  MIKWFKRNQNSEP.NLDAEE.......................................................  19
NTDB id 1118 NGFG RS11455 WP 003696286.1        MFSFFRRKKKQETPALEEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSGAVEQVKETVAEMPSEAG  80
consensus                                       !  *!*!    !** !*   ************************************************************

logo
NTDB id 1144760 LPM7613 RS12735 WP 015443981.1  ....QQDHAKSS....MESRLEEPQELTVKEPSPKESIFARFRKGLSKTRHQLGEGISRLLLGKKEISQELLEELETLLI  91
NTDB id 1118 NGFG RS11455 WP 003696286.1        EAAERVESAKEAVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLAG.VFGGGQIGEDLYEELETVLI  159
consensus                                       ****  **!!  *****   *  *!!     *  !    !! * !! !*!* **  *  ** !   !  *! !!!!!*!!

logo
NTDB id 1144760 LPM7613 RS12735 WP 015443981.1  SADLGLDTTQDVLKQLNEGLARKQLSNGEAVYLTLKTNLQTILSQEEKPLSIETEDGSPFVILMVGVNGAGKTTTIGKLA  171
NTDB id 1118 NGFG RS11455 WP 003696286.1        TGDMGMEATEYLMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPLVL.PETKEPFVIMLAGINGAGKTTSIGKLA  238
consensus                                       **!*!** !  **! *   *  ! !  !  *   !!  !  ** * !!!! ***!   !!!!** !*!!!!!!!*!!!!!

logo
NTDB id 1144760 LPM7613 RS12735 WP 015443981.1  KQFQKQGKKVMLAAGDTFRAAAVEQLHVWGERNGIPVIAQHTGADSASVIFDALQAAKARKIDVLIADTAGRLHTQSNLM  251
NTDB id 1118 NGFG RS11455 WP 003696286.1        KYFQAQGKSVLLAAGDTFRAAAREQLGAWGGRNNVTVISQTTG.DSAAVCFDAVQAAKARGIDIVLADTAGRLPTQLHLM  317
consensus                                       ! !! !!! !*!!!!!!!!!!! !!!* !! !! **!! !*!!*!!! !*!!!*!!!!!! !!***!!!!!!! !! *!!

logo
NTDB id 1144760 LPM7613 RS12735 WP 015443981.1  EELKKVKRVMQKLDPKAPHETMLVLDASIGQNALAQAKQFHEAVQLTGITMTKLDGTAKGGILFAIANDLGIPFRYLGVG  331
NTDB id 1118 NGFG RS11455 WP 003696286.1        EEIKKVKRVLQKAIPGAPHEIIVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAAIASDRPVPVRYIGVG  397
consensus                                       !!*!!!!!!*!!  ! !!!! **!!!! !!!!!* ! ! !**!* !!!* *!!!!!!!!!!!! !*! ! **! !!*!!!

logo
NTDB id 1144760 LPM7613 RS12735 WP 015443981.1  EGIEDLRPFDAAQFVSAIFDDDHI  355
NTDB id 1118 NGFG RS11455 WP 003696286.1        EGIDDLRPFDARAFVDALLD....  417
consensus                                       !!!*!!!!!!!  !! !* !****
```

X non conserved

X similar

X ≥ 50% conserved