```
logo

NTDB id 1145635 BT137 RS13025 WP 038839679.1  MIKWFKRNQNSEP.NLDTEEQ.......................................................  20
NTDB id 1118 NGFG RS11455 WP 003696286.1      MFSFFRRKKKQETPALEEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSGAVEQVKETVAEMPSEAG  80
consensus                                     !  *!*!    !** !*    ************************************************************

logo

NTDB id 1145635 BT137 RS13025 WP 038839679.1  ..QDHAES.......SMESRLEEPQELTAKEPSPKESIFARFRKGLSKTRHQLGEGISRLLLGKKEISQELLEELETLLI  91
NTDB id 1118 NGFG RS11455 WP 003696286.1      EAAERVESAKEAVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLAG.VFGGGQIGEDLYEELETVLI  159
consensus                                     ** ** !!*********   *  *!!  !  *  !    !! * !! !*!* **  *  ** !   !  *! !!!!!*!!

logo

NTDB id 1145635 BT137 RS13025 WP 038839679.1  SADLGLDTTQDVLKQLNEGLARKQLSNGDAVYQTLKTNLQTILSQEEKPLSIETEDGSPFVILMVGVNGAGKTTTIGKLA  171
NTDB id 1118 NGFG RS11455 WP 003696286.1      TGDMGMEATEYLMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPLVL.PETKEPFVIMLAGINGAGKTTSIGKLA  238
consensus                                     **!*!** !  **! *   *  ! !  !  *   !!  !  ** * !!!! ***!   !!!!** !*!!!!!!!*!!!!!

logo

NTDB id 1145635 BT137 RS13025 WP 038839679.1  KQFQKQGKKVMLAAGDTFRAAAVEQLHVWGERNGIPVIAQHTGADSASVIFDALQAAKARKIDVLIADTAGRLHTQSNLM  251
NTDB id 1118 NGFG RS11455 WP 003696286.1      KYFQAQGKSVLLAAGDTFRAAAREQLGAWGGRNNVTVISQTTG.DSAAVCFDAVQAAKARGIDIVLADTAGRLPTQLHLM  317
consensus                                     ! !! !!! !*!!!!!!!!!!! !!!* !! !! **!! !*!!*!!! !*!!!*!!!!!! !!***!!!!!!! !! *!!

logo

NTDB id 1145635 BT137 RS13025 WP 038839679.1  EELKKVKRVMQKLDPKAPHETMLVLDASIGQNALAQAKQFHEAVQLTGITMTKLDGTAKGGILFAIANDLGIPFRYLGVG  331
NTDB id 1118 NGFG RS11455 WP 003696286.1      EEIKKVKRVLQKAIPGAPHEIIVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAALASDRPVPVRYIGVG  397
consensus                                     !!*!!!!!!*!!  ! !!!! **!!!! !!!!!* ! ! !**!* !!!* *!!!!!!!!!!!! !*! ! **! !!*!!!

logo

NTDB id 1145635 BT137 RS13025 WP 038839679.1  EGIEDLRPFDAAQFVSAIFDDDHI  355
NTDB id 1118 NGFG RS11455 WP 003696286.1      EGIDDLRPFDARAFVDALLD....  417
consensus                                     !!!*!!!!!!!  !! !* !****
```

X non conserved

X similar

X ≥ 50% conserved