```
logo

NTDB id 1075019 ACJEIG RS12100 WP 015443981.1  MIKWFKRNQNSEP.NLDAEE.......................................................  19
NTDB id 1118 NGFG RS11455 WP 003696286.1       MFSFFRRKKKQETPALEEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSGAVEQVKETVAEMPSEAG  80
consensus                                      !  *!*!    !** !*   ************************************************************

logo

NTDB id 1075019 ACJEIG RS12100 WP 015443981.1  ....QQDHAKSS....MESRLEEPQELTVKEPSPKESIFARFRKGLSKTRHQLGEGISRLLLGKKEISQELLEELETLLI  91
NTDB id 1118 NGFG RS11455 WP 003696286.1       EAAERVESAKEAVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLAG.VFGGGQIGEDLYEELETVLI  159
consensus                                      ****  **!!  *****   *  *!!     *  !    !! * !! !*!* **  *  ** !   !  *! !!!!!*!!

logo

NTDB id 1075019 ACJEIG RS12100 WP 015443981.1  SADLGLDTTQDVLKQLNEGLARKQLSNGEAVYLTLKTNLQTILSQEEKPLSIETEDGSPFVILMVGVNGAGKTTTIGKLA  171
NTDB id 1118 NGFG RS11455 WP 003696286.1       TGDMGMEATEYLMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPLVL.PETKEPFVIMLAGINGAGKTTSIGKLA  238
consensus                                      **!*!** !  **! *   *  ! !  !  *   !!  !  ** * !!!! ***!   !!!!** !*!!!!!!!*!!!!!

logo

NTDB id 1075019 ACJEIG RS12100 WP 015443981.1  KQFQKQGKKVMLAAGDTFRAAAVEQLHVWGERNGIPVIAQHTGADSASVIFDALQAAKARKIDVLIADTAGRLHTQSNLM  251
NTDB id 1118 NGFG RS11455 WP 003696286.1       KYFQAQGKSVLLAAGDTFRAAAREQLQAWGGRNNVTVISQTTG.DSAAVCFDAVQAAKARGIDIVLADTAGRLPTQLHLM  317
consensus                                      ! !! !!! !*!!!!!!!!!!! !!!* !! !! **!! !*!!*!!! !*!!!*!!!!!! !!***!!!!!!! !! *!!

logo

NTDB id 1075019 ACJEIG RS12100 WP 015443981.1  EELKKVKRVMQKLDPKAPHETMLVLDASIGQNALAQAKQFHEAVQLTGITMTKLDGTAKGGILFAIANDLGIPFRYLGVG  331
NTDB id 1118 NGFG RS11455 WP 003696286.1       EEIKKVKRVLQKAIPGAPHEIIVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAALASDRPVPVRYIGVG  397
consensus                                      !!*!!!!!!*!!  ! !!!! **!!!! !!!!!* ! ! !**!* !!!* *!!!!!!!!!!!! !*! ! **! !!*!!!

logo

NTDB id 1075019 ACJEIG RS12100 WP 015443981.1  EGIEDLRPFDAAQFVSAIFDDDHI  355
NTDB id 1118 NGFG RS11455 WP 003696286.1       EGIDDLRPFDARAFVDALLD....  417
consensus                                      !!!*!!!!!!!  !!  !* !****
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X non conserved

X similar

X $\geq$ 50% conserved