```
logo
NTDB id 43684 LP12 RS13325 WP 015443981.1  MIKWFKRNQNSEP.NLDAEE.......................................................Q   20
NTDB id 1118 NGFG RS11455 WP 003696286.1   MFSFFRRKKKQETPALEEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSGAVEQVKETVAEMPSEAGEAAER   85
consensus                                  !  *!*!    !** !*   ************************************************************

logo
NTDB id 43684 LP12 RS13325 WP 015443981.1  QDHAKSS....MESRLEEPQELTVKEPSPKESIFARFRKGLSKTRHQLGEGISRLLLGKKEISQELLEELETLLISADLGLDTTQ  101
NTDB id 1118 NGFG RS11455 WP 003696286.1   VESAKEAVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLAG.VFGGGQIGEDLYEELETVLITGDMGMEATE  169
consensus                                   **!!  *****   *  *!!     *  !    !! * !! !*!* **  *  ** !   !  *! !!!!!*!!**!*!** !

logo
NTDB id 43684 LP12 RS13325 WP 015443981.1  DVLKQLNEGLARKQLSNGEAVYLTLKTNLQTILSQEEKPLSIETEDGSPFVILMVGVNGAGKTTTIGKLAKQFQKQGKKVMLAAG  186
NTDB id 1118 NGFG RS11455 WP 003696286.1   YLMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPLVL.PETKEPFVIMLAGINGAGKTTSIGKLAKYFQAQGKSVLLAAG  253
consensus                                   **! *   *  ! !  !  *   !!  !  ** * !!!! ***!   !!!!** !*!!!!!!!*!!!!!! !! !!! !*!!!!

logo
NTDB id 43684 LP12 RS13325 WP 015443981.1  DTFRAAAVEQLHVWGERNGIPVIAQHTGADSASVIFDALQAAKARKIDVLIADTAGRLHTQSNLMEELKKVKRVMQKLDPKAPHE  271
NTDB id 1118 NGFG RS11455 WP 003696286.1   DTFRAAAREQLQAWGGRNNVTVISQTTG.DSAAVCFDAVQAAKARGIDIVLADTAGRLPTQLHLMEEIKKVKRVLQKAIPGAPHE  337
consensus                                  !!!!!!! !!!* !! !! **!! !*!!*!!! !*!!!*!!!!!! !!***!!!!!!! !! *!!!!*!!!!!!*!!   ! !!!!

logo
NTDB id 43684 LP12 RS13325 WP 015443981.1  TMLVLDASIGQNALAQAKQFHEAVQLTGITMTKLDGTAKGGILFAIANDLGIPFRYLGVGEGIEDLRPFDAAQFVSAIFDDDHI  355
NTDB id 1118 NGFG RS11455 WP 003696286.1   IIVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAALASDRPVPVRYIGVGEGIDDLRPFDARAFVDALLD....  417
consensus                                   **!!!! !!!!!* ! ! !**!* !!!* *!!!!!!!!!!!! !*! ! **! !!*!!!!!!*!!!!!!!   !! !* !****
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X non conserved

X similar

X $\geq$ 50% conserved