```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1122086 EL162 RS07165 WP 126331100.1  ..............................................................................................  0
NTDB id 1118 NGFG RS11455 WP 003696286.1      MFSFFRRKKKQETPALEEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSGAVEQVKETVAEMPSEAG  80
consensus                                     ********************************************************************************

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1122086 EL162 RS07165 WP 126331100.1  ...............................MSENEQGGWFARMKAGLAKSSKNLSEGLVSVLVGGKQIDDELLEEIEDQLL  51
NTDB id 1118 NGFG RS11455 WP 003696286.1      EAAERVESAKEAVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLAGV.FGGGQIGEDLYEELETVLI  159
consensus                                     ***************************** *! *  !! !!*! !!!!!   *   !  !* !! !! **! !!*!  !*

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1122086 EL162 RS07165 WP 126331100.1  VADIGVNATNRIISNLTEQTARGDLIYSHALYKALKSELHDILTPKVQPLEIDNSKKPFVILMVGVNGVGKTTTIGKLAK  131
NTDB id 1118 NGFG RS11455 WP 003696286.1      TGDMGMEATEYLMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPLVLPETKEPFVIMLAGINGAGKTTSIGKLAK  239
consensus                                      *!*!* !!   **  *        !   * !  !!!  !*!** !   !! ** *! !!!!** !*!! !!!!*!!!!!!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1122086 EL162 RS07165 WP 126331100.1  RLQAEGKSVMLAAGDTFRAAATEQLQIWGERNHTPVVAQGHGADSASVIFDAMQSAKARGIDVLIADTAGRLQNKTHLMN  211
NTDB id 1118 NGFG RS11455 WP 003696286.1      YFQAQGKSVLLAAGDTFRAAAREQLQAWGGRNNVTVISQTTG.DSAAVCFDAVQAAKARGIDIVLADTAGRLPTQLHLME  318
consensus                                       !! !!!!*!!!!!!!!!!!! !!!! !! !!***!* ! *!*!!! !*!!!*! !!!!!!!***!!!!!!!*   !!!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1122086 EL162 RS07165 WP 126331100.1  ELEKVVRVIKKADETAPHETMIVLDAGTGQNAINQVQVFSEAVHLTGISITKLDGTAKGGVVFNIAQNTEIPIRFIGVGE  291
NTDB id 1118 NGFG RS11455 WP 003696286.1      EIKKVKRVLQKAIPGAPHEIIVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAALASDRPVPVRYIGVGE  398
consensus                                     !* !! !!* !! * !!!! **!!!!  !!!!*!!!  ! *!**!!!* *!!!!!!!!!!!**  *!   **!*!*!!!!!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1122086 EL162 RS07165 WP 126331100.1  GIDDLQPFEPKEFVDALLEKDE   313
NTDB id 1118 NGFG RS11455 WP 003696286.1      GIDDLRPFDARAFVDALLD...   417
consensus                                     !!!!! !!*** !!!!!!****
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X non conserved

X similar

X ≥ 50% conserved