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logo

NTDB id 1141179 DQN52 RS02530 WP 071461635.1  MFNLFNKLFNRKAETPPNTEKEPEQVQAASAPETAPAVANENVQAALSAETEVAQENTADEVPQAEAESTETAEENVQAA   80
NTDB id 1118 NGFG RS11455 WP 003696286.1      MFSFFRRKKK..QETPA.LEEA..QVQ.....ETAAKV.........................................   28
consensus                                     !!  ! *   ** !!!** !  **!!!*****!!!* !****************************************

logo

NTDB id 1141179 DQN52 RS02530 WP 071461635.1  LNAETEVAQENTVEAEPMRHSWATPVVEEVKETVQSAEQWAEDMAHAVAEKVDELEMRAEILAEETSESVSHWAQGMAHA  160
NTDB id 1118 NGFG RS11455 WP 003696286.1      ...ESEV................AQIVGNIKEDVESLA.......E.......SVKGRAESAV....ET....VSGAVEQ   67
consensus                                     ***!*!!**************** **!  *!! ! !  *************** *  !!!   ****!*****  !  *

logo

NTDB id 1141179 DQN52 RS02530 WP 071461635.1  VEEKLDELEMRA...EILVDEAKEAVVESVQTLEHALEGENALPEPELLPEEPVAPEAEESLGWTARLARGLSKSRNQMA  237
NTDB id 1118 NGFG RS11455 WP 003696286.1      VKETVAEMPSEAGEAAERVESAKEAVAETV.............GEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMA  134
consensus                                     ! ! * !**  !***   !* !!!!! !*!**************!*   * !*!!*  !* !!! !!!  !! !!!  !!

logo

NTDB id 1141179 DQN52 RS02530 WP 071461635.1  KSLAGVFGGGKIDEDLYEELETVLITSDMGIEATEQLMNEVRNRVSLKGLKDGAELRSALKDAIYDLLKPLDQPLVLPDN  317
NTDB id 1118 NGFG RS11455 WP 003696286.1      KSLAGVFGGGQIGEDLYEELETVLITGDMGMEATEYLMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPLVLPET  214
consensus                                     !!!!!!!!!! ! !!!!!!!!!!!!! !!!*!!!! !! *!! !!!!!!!!!! !!! !!!*!*!!!*!!!* !!!!!*

logo

NTDB id 1141179 DQN52 RS02530 WP 071461635.1  GQPFVIMMAGINGAGKTTSIGKLAKYFQSQGKSVMLAAGDTFRAAAREQLQEWGARNNVTVISQEKGDSAAVCFDAVEAA  397
NTDB id 1118 NGFG RS11455 WP 003696286.1      KEPFVIMLAGINGAGKTTSIGKLAKYFQAQGKSVLLAAGDTFRAAAREQLQAWGGRNNVTVISQTTGDSAAVCFDAVQAA  294
consensus                                       !!!!!*!!!!!!!!!!!!!!!!!!! !!!!!*!!!!!!!!!!!!!!!! !!*!!!!!!!!!  !!!!!!!!!!! !!

logo

NTDB id 1141179 DQN52 RS02530 WP 071461635.1  KARKIDVVLADTAGRLPTQLHLMEEIKKVKRVLQKSMPDAPHEIMVVLDANIGQNAVNQVVAFDDALGVTGLIVTKLDGT  477
NTDB id 1118 NGFG RS11455 WP 003696286.1      KARGIDIVLADTAGRLPTQLHLMEEIKKVKRVLQKAIPGAPHEIIVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGT  374
consensus                                     !!!  !!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!! *! !!!!!*!!!!!!!!!!!!!!!! !!!!!!!*!!!!!!!!!!!

logo

NTDB id 1141179 DQN52 RS02530 WP 071461635.1  AKGGVLAALASSRAIPVRYIGVGESIDDLRPFNAKAFVDALLDEWSA  524
NTDB id 1118 NGFG RS11455 WP 003696286.1      AKGGILAALASDRPVPVRYIGVGEGIDDLRPFDARAFVDALLD....  417
consensus                                     !!!!*!!!!!! !**!!!!!!!!! !!!!!!! !*!!!!!!!!****
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X non conserved
X similar
X $\geq$ 50% conserved