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logo

NTDB id 355526 E5Y92 RS17590 WP 004522862.1  MFSFFKRFKKAPDAAPAEPQQAPDAPRDASRAPASPDAARVDAPAAPQPRDERSENHDRPEHDETPTAEHSRSGAQPAAR   80
NTDB id 1118 NGFG RS11455 WP 003696286.1     MFSFFRRKKKQETPALEEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKG......R.....AESAVETVSGAVEQVK   69
consensus                                    !!!!!*! !! * *!* !*!  * !**  !  *  *   * ! *  * *   ******!***** **! ** !!! *  *

logo

NTDB id 355526 E5Y92 RS17590 WP 004522862.1  ATPPASAAASEAPVGQPRAAAARASEPAPSVVMTVTPSSNGRHGVVETVEIVPPPAPEPAAKKSWIARLKSGLAKTSS..  158
NTDB id 1118 NGFG RS11455 WP 003696286.1     E......TVAEMPSEAGE.AAERVESAKEAVAETV....GEAVG.....QVQEAVATTEEHKLGWAARLKQGLAKSRDKM  133
consensus                                     ******   ! !   * *!! !   * * !  !!****   *!***** * ***!* * *!  ! !!!! !!!!*  **

logo

NTDB id 355526 E5Y92 RS17590 WP 004522862.1  ..SITNVFVNTKIDDALYEELETALLMSDAGIDATEHLLGALREKVRAGRLTDPQQVKDALRGLLVELLAPLEKSLVLGR  236
NTDB id 1118 NGFG RS11455 WP 003696286.1     AKSLAGVFGGGQIGEDLYEELETVLITGDMGMEATEYLMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPLVLPE  213
consensus                                    **!*  !!    ! * !!!!!!! !*  ! !**!!!*!*  *! *!    ! !** ** !!*  ! *!* !!!!*!!!*

logo

NTDB id 355526 E5Y92 RS17590 WP 004522862.1  .AQPLVMMIAGVNGAGKTTSIGKLAKHLQSFDQSVLLAAGDTFRAAAREQLAIWGERNNVTVVQQESGDPAAVIFDAVSA  315
NTDB id 1118 NGFG RS11455 WP 003696286.1     TKEPFVIMLAGINGAGKTTSIGKLAKYFQAQGKSVLLAAGDTFRAAAREQLQAWGGRNNVTVISQTTGDSAAVCFDAVQA  293
consensus                                    *  ! !*!*!!*!!!!!!!!!!!!!!* !    !!!!!!!!!!!!!!!!!!  !! !!!!!!* ! *!!*!!!*!!!! !

logo

NTDB id 355526 E5Y92 RS17590 WP 004522862.1  ARARNIDVMMADTAGRLPTQLHLMEELRKVKRVIGKAHDGAPHEVLLVIDANTGQNALAQVKAFDDALGLTGLIVTKLDG  395
NTDB id 1118 NGFG RS11455 WP 003696286.1     AKARGIDIVLADTAGRLPTQLHLMEEIKKVKRVLQKAIPGAPHEIIVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDG  373
consensus                                    !*!! !!***!!!!!!!!!!!!!!!!!**!!!!!* !!**!!!!!***!*!!! !!!!* !!!!!!!!!!!!!!!!!!!!

logo

NTDB id 355526 E5Y92 RS17590 WP 004522862.1  TAKGGILAAIARQRPIPVYFIGIGEKVEDLQPFSAEEFADALLG   439
NTDB id 1118 NGFG RS11455 WP 003696286.1     TAKGGILAALASDRPVPVRYIGVGEGIDDLRPFDARAFVDALLD   417
consensus                                    !!!!!!!!!*!   !!*!! *!!*!! **!! !! !   ! !!!!
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X non conserved

X similar

X $\geq$ 50% conserved