```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 24003 TTH RS02270 WP 011227933.1  ..................................................................................  0
NTDB id 1118 NGFG RS11455 WP 003696286.1  MFSFFRRKKKQETPALEEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSGAVEQVKETVAEMPSEAGEAAER  85
consensus                                 ******************************************************************************

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 24003 TTH RS02270 WP 011227933.1  ...............................MGLFDRLRAGLAKTRERLLKAIP....WGGDPEEVLEELEMALLAADVGVAATEE  51
NTDB id 1118 NGFG RS11455 WP 003696286.1  VESAKEAVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLAGVFGGGQIGEDLYEELETVLITGDMGMEATEY  170
consensus                                 ********************************!   !!* !!!!*!*** ! ****** !  *!** !!!!  !* *!*!* !!!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 24003 TTH RS02270 WP 011227933.1  LLKEVRASGR.......RDLKEVVKEKLVQMLEPDERRATLRKLGFRPQKLRPVEPQGHVVMVVGVNGVGKTTTIAKLGRLYQGL  129
NTDB id 1118 NGFG RS11455 WP 003696286.1  LMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKP...........LVLPETKEPFVIMLAGINGAGKTTSIGKLAKYFQAQ  244
consensus                                 !*!*!!*   ******* *!*  *!! !  ** ! !************* * !  * **!*!* !*!! !!!!*!*!!** *!*

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 24003 TTH RS02270 WP 011227933.1  GKKVLFCAGDTFRAAGGAQLAEWGKRLGIPVIQGPEGADPAALAFDAAKARRARGLDLLFVDTAGRLHTKQGLMEELKKVKRAIA  214
NTDB id 1118 NGFG RS11455 WP 003696286.1  GKSVLLAAGDTFRAAAREQLQAWGGRNNVTVISQTTG.DSAAVCFDAVQAAKARGIDIVLADTAGRLPTQLHLMEEIKKVKRVLQ  328
consensus                                 !! !! *!!!!!!!!!*  !!  !! !  **!!  * !*!*!!**!!!  ! *!!!*!**  !!!!!! !  *!!!!*!!!!! *

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 24003 TTH RS02270 WP 011227933.1  KADPGEPGEVWLVLDAVTGQNGLEQAKRFHEAVGLTGVIVTKLDGTAKGGVLVPIVRTLKVPIRFIGVGEGPDDLQPFDAEAFVE  299
NTDB id 1118 NGFG RS11455 WP 003696286.1  KAIPGAPHEIIVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAAALASDRPVPVRYIGVGEGIDDLRPFDARAFVD  413
consensus                                 !! !! !*!* *!!!!  !!!** ! ! !**!*!!!!*!!!!!!!!!!!!*! **    *!!*!*!!!!!!*!!! !!!! !!!*

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 24003 TTH RS02270 WP 011227933.1  ALLEA   304
NTDB id 1118 NGFG RS11455 WP 003696286.1  ALLD.   417
consensus                                 !!!**
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X non conserved
X similar
X ≥ 50% conserved