```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1145217 BQ1619 RS07635 WP 114663238.1  ..........................................................................................  0
NTDB id 1118 NGFG RS11455 WP 003696286.1       MFSFFRRKKKQETPALEEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSGAVEQVKETVAEMPSEAG  80
consensus                                      ******************************************************************************

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1145217 BQ1619 RS07635 WP 114663238.1  ..........................................MFGLRKTLGSLFKSSKTDEAWFDSLEKSLIQ  31
NTDB id 1118 NGFG RS11455 WP 003696286.1       EAAERVESAKEAVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLAGVFGGGQIGEDLYEELETVLIT  160
consensus                                      ************************************************   * !*!* *!       !  ** !!  !!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1145217 BQ1619 RS07635 WP 114663238.1  SDVGLPTTEQLISKLRKAAKTEKASTPEGLQALLIQEVGSLLKVLEPTPNPLFIRLKDSLPEVWLVVGVNGAGKTTTIGK  111
NTDB id 1118 NGFG RS11455 WP 003696286.1       GDMGMEATEYLMKDVRGRVSLKGLKDGNELRGALKE...ALYDLIKPLEKPLVLP.ETKEPFVIMLAGINGAGKTTSIGK  236
consensus                                       !*!** !! !*  *!          *  ! * !  *** !  ** ! * !! ***    ! ! ** !*!!!!!!!*!!!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1145217 BQ1619 RS07635 WP 114663238.1  LCRLFQAQGKSVLLAAGDTFRAAARNQLQEWGGRNRVDVITQGGGDAAAVAHDAIHSAISRKTDILIIDTAGRLATQGHL  191
NTDB id 1118 NGFG RS11455 WP 003696286.1       LAKYFQAQGKSVLLAAGDTFRAAAREQLQAWGGRNNVTVISQTTGDSAAVCFDAVQAAKARGIDIVLADTAGRLPTQLHL  316
consensus                                      !** !!!!!!!!!!!!!!!!!!!! !!! !!!!! ! !!*!  !! !!!**!!** !  !  !!** !!!!!!*!! !!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1145217 BQ1619 RS07635 WP 114663238.1  MEELKKVKRVIGRALPGAPHHTLLVLDGNTGQNGLSQVKAFHTALGLTGIIVTKLDGTAKGGVICALAHTLQDGPKPAVL  271
NTDB id 1118 NGFG RS11455 WP 003696286.1       MEEIKKVKRVLQKAIPGAPHEIIVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAALASD...RP.VPVR  392
consensus                                      !!!*!!!!!!* *!*!!!!!* **!!!*! !!!** !!!!!* !!!!!!*!!!!!!!!!!!!!***!!!* *** !***!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1145217 BQ1619 RS07635 WP 114663238.1  ALGKGEGIDDLAPFTAGQYSAELFN  296
NTDB id 1118 NGFG RS11455 WP 003696286.1       YIGVGEGIDDLRPFDARAFVDALLD  417
consensus                                       *! !!!!!!! !! !   *   !
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X non conserved

X similar

X $\geq$ 50% conserved