```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 104012 QUE65 RS09690 WP 286280904.1   ..........................................................................................  0
NTDB id 1118 NGFG RS11455 WP 003696286.1      MFSFFRRKKKQETPALEEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSGAVEQVKETVAEMPSEAG  80
consensus                                     ******************************************************************************

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 104012 QUE65 RS09690 WP 286280904.1   ..........................................MFGLRKTLSSLFTRHRVDEAWFDHLEELLIK  31
NTDB id 1118 NGFG RS11455 WP 003696286.1      EAAERVESAKEAVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLAGVFGGGQIGEDLYEELETVLIT  160
consensus                                     ************************************************   * !*!  *!  * * !  ***!! *!!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 104012 QUE65 RS09690 WP 286280904.1   ADVGVATSTFLITSLRKSAKEHAITNSEDLKADLVSELSHHLSDLESPENPLNPSAIHAKPEVWLIVGVNGAGKTTSIGK  111
NTDB id 1118 NGFG RS11455 WP 003696286.1      GDMGMEATEYLMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPL....VLPEIKEPFVIMLAGINGAGKTTSIGK  236
consensus                                     *!*!*  * *!*  *!     ***    *!** !   ! *** *!! ! ***** * *  ! ! ** !*!!!!!!!!!!!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 104012 QUE65 RS09690 WP 286280904.1   LCHHFQAQGKSVLLAAGDTFRAAARNQLKEWGERNQVQVLSQESGDAGAIAHDAIQAALSRQVDIVLIDTAGRLATQTNL  191
NTDB id 1118 NGFG RS11455 WP 003696286.1      LAKYFQAQGKSVLLAAGDTFRAAAREQLQAWGGRNNVTVISQTTGDSAAVCFDAVQAAKARGIDIVLADTAGRLPTQLHL  316
consensus                                     !***!!!!!!!!!!!!!!!!!!!!! !!  !! !!*! !*!! *!! *!***!!*!!!  ! *!!!! !!!!!!*!! *!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 104012 QUE65 RS09690 WP 286280904.1   MEELKKVKRVISKLIPDAPHQMVLVLDGNTGQNGIAQVLAFRNAIGLHGLIVTKLDGTAKGGVICALRNELENAPKNQGP  271
NTDB id 1118 NGFG RS11455 WP 003696286.1      MEEIKKVKRVLQKAIPGAPHEIIVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAALASDRP........  388
consensus                                     !!!*!!!!!!* ! !! !!! ***!!!*! !!!** !! !!  !*!!*!!!!!!!!!!!!!!***!!  * *********

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 104012 QUE65 RS09690 WP 286280904.1   KTYVYALGKGEQLGDLEPFSAQAYAKELVE  301
NTDB id 1118 NGFG RS11455 WP 003696286.1      .VPVRYIGVGEGIDDLRPFDARAFVDALLD  417
consensus                                     * *!  *! !! * !! !! ! !*   !**
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X non conserved

X similar

X $\geq$ 50% conserved