```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 100006 QMN06 RS11355 WP 281970227.1   ..........................................................................................  0
NTDB id 1118 NGFG RS11455 WP 003696286.1      MFSFFRRKKKQETPALEEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSGAVEQVKETVAEMPSEAG  80
consensus                                     ******************************************************************************

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 100006 QMN06 RS11355 WP 281970227.1   ..........................................MFGLRKTLSSLFNRSKVDEELRESLEESLLL  31
NTDB id 1118 NGFG RS11455 WP 003696286.1      EAAERVESAKEAVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLAGVFGGGQIGEDLYEELETVLIT  160
consensus                                     ************************************************   * !*!  *!    * !*!*! !!  !*

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 100006 QMN06 RS11355 WP 281970227.1   ADVGIHATQELMNKLRSTSKKEKISDPIELKKQLEILIAELLYPLEFNINPLNQHTPTHTPEIWLIVGVNGAGKTTTIGK  111
NTDB id 1118 NGFG RS11455 WP 003696286.1      GDMGMEATEYLMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPL....VLPETKEPFVIMLAGINGAGKTTSIGK  236
consensus                                     *!*!**!!  !!  *!       * !* !!*  !   * *!* !!! ****** ***!* ! * ** !*!!!!!!!*!!!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 100006 QMN06 RS11355 WP 281970227.1   LCHALQNQNKKVLLAAGDTFRAAAKEQLGEWGKRNEVEVITQSSGDAATVAHDAIGAALARQADILIIDTAGRLATQSNL  191
NTDB id 1118 NGFG RS11455 WP 003696286.1      LAKYFQAQGKSVLLAAGDTFRAAAREQLQAWGGRNNVTVISQTTGDSAAVCFDAVQAAKARGIDIVLADTAGRLPTQLHL  316
consensus                                     !**  ! ! ! !!!!!!!!!!!!!*!!!  !! !! ! !!*!**!! ! !**!!* !! !!  !!** !!!!!!*!! *!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 100006 QMN06 RS11355 WP 281970227.1   MEELKKVKRVIQKLIPSAPHQTLLVLDGNTGQNGLTQVKAFHEALQLSSLIITKVDGTAKGGVLCAIAHSLRSTPNFPQI  271
NTDB id 1118 NGFG RS11455 WP 003696286.1      MEEIKKVKRVLQKAIPGAPHEIIVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAALASDRPV.....PV  391
consensus                                     !!!*!!!!!!*!! !! !!!  **!!!*! !!!** !!!!!**!! !* !!*!!*!!!!!!!*!*!*!*  * *******

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 100006 QMN06 RS11355 WP 281970227.1   MALGVGEKMEQIQAFSALLFAQELLNND  299
NTDB id 1118 NGFG RS11455 WP 003696286.1      RYIGVGEGIDDLRPFDARAFVDALLD..  417
consensus                                       *!!!! ** * *! !  !   !! **
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X non conserved

X similar

X $\geq$ 50% conserved