```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 120041 CL55 RS09660 WP 046330893.1  ..........................................................................................  0
NTDB id 1118 NGFG RS11455 WP 003696286.1    MFSFFRRKKKQETPALEEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSGAVEQVKETVAEMPSEAGEAAER  85
consensus                                   ******************************************************************************************

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 120041 CL55 RS09660 WP 046330893.1  ........................................MFGLRKTLGSLFTSNQTDEAWFDALEESLILSDVGLPTTEQ  41
NTDB id 1118 NGFG RS11455 WP 003696286.1    VESAKEAVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLAGVFGGGQIGEDLYEELETVLITGDMGMEATEY  170
consensus                                   *********************************************   * !*!* *!    !  !  ** !!  !!  !*!** !!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 120041 CL55 RS09660 WP 046330893.1  LISKLRKAAKSEKANTPEALKQLLIEEVTILLKSMEPNPNPLYVHEQKTTPEVWLVVGVNGAGKTTTIGKLCKLFQSQGKSVLLA  126
NTDB id 1118 NGFG RS11455 WP 003696286.1    LMKDVRGRVSLKGLKDGNELRGALKEAL...YDLIKPLEKPLVLP.ETKEPFVIMLAGINGAGKTTSIGKLAKYFQAQGKSVLLA  251
consensus                                   !*  *!          *  !*  ! ! ****   * ! * !! * *    ! ! ** !*!!!!!!*!!!!*! !! !!!!!!!!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 120041 CL55 RS09660 WP 046330893.1  AGDTFRAAARNQLLEWGGRNQVDVIMQESGDAAAVAHDAIHAAISRKSDILIIDTAGRLATQDHLMEELKKVKRVIGKALPGAPH  211
NTDB id 1118 NGFG RS11455 WP 003696286.1    AGDTFRAAAREQLQAWGGRNNVTVISQTTGDSAAVCFDAVQAAKARGIDIVLADTAGRLPTQLHLMEEIKKVKRVLQKAIPGAPH  336
consensus                                   !!!!!!!!!! !!  !!!!!*! !! ! *!! !!!**!!**!!  !  !!** !!!!!!*!! !!!!!*!!!!!!* !!*!!!!!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 120041 CL55 RS09660 WP 046330893.1  QTLLVLDGNTGQNGLNQVRAFHAALELSALIVTKLDGTAKGGVICALAHTLSDGPKLAVLALGKGEGIDDLAPFMAAQYSSELFN  296
NTDB id 1118 NGFG RS11455 WP 003696286.1    EIIVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAALASD....RPVPVRYIGVGEGIDDLRPFDARAFVDALLD  417
consensus                                     **!!!*! !!!**!!!*!!* !! !**!!!!!!!!!!!!!***!!!* ********!  *! !!!!!!! !! !  *   !
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X non conserved

X similar

X $\geq$ 50% conserved