```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 99995 QMN13 RS11340 WP 281970227.1  ..........................................................................................  0
NTDB id 1118 NGFG RS11455 WP 003696286.1    MFSFFRRKKKQETPALEEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSGAVEQVKETVAEMPSEAGEAAER  85
consensus                                   ******************************************************************************************

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 99995 QMN13 RS11340 WP 281970227.1  ..........................................MFGLRKTLSSLFNRSKVDEELFESLEESLLADVGIHATQE  41
NTDB id 1118 NGFG RS11455 WP 003696286.1    VESAKEAVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLAGVFGGGQIGEDLYEELETVLITGDMGMEATEY  170
consensus                                   *********************************************   * !*!  *!    * !*!*! !!  !* *!*!**!!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 99995 QMN13 RS11340 WP 281970227.1  LMNKLRSTSKKEKISDPIELKKQLEILIAELLYPLEFNINPLNQHTPTHTPEIWLIVGVNGAGKTTTIGKLCHALQNQNKKVLLA  126
NTDB id 1118 NGFG RS11455 WP 003696286.1    LMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPL....VLPETKEPFVIMLAGINGAGKTTSIGKLAKYFQAQGKSVLLA  251
consensus                                   !!  *!       * !* !!*  !   * *!* !!! ****** ***!* ! * ** !*!!!!!!*!!!!**  ! ! ! !!!!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 99995 QMN13 RS11340 WP 281970227.1  AGDTFRAAAKEQLGEWGKRNEVEVITQSSGDAATVAHDAIGAALARQADILIIDTAGRLATQSNLMEELKKVKRVIQKLIPSAPH  211
NTDB id 1118 NGFG RS11455 WP 003696286.1    AGDTFRAAAREQLQAWGGRNNVTVISQTTGDSAAVCFDAVQAAKARGIDIVLADTAGRLPTQLHLMEEIKKVKRVLQKAIPGAPH  336
consensus                                   !!!!!!!!!*!!!  !! !! ! !!*!**!! ! !**!!* !! !!  !!** !!!!!!*!! *!!!!*!!!!!!*!! !! !!!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 99995 QMN13 RS11340 WP 281970227.1  QTLLVLDGNTGQNGLTQVKAFHEALQLSSLIITKVDGTAKGGVLCAIAHSLRSTPNFPQIMALGVGEKMEQIQAFSALLFAQELL  296
NTDB id 1118 NGFG RS11455 WP 003696286.1    EIIVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAALASDRPV.....PVRYIGVGEGIDDLRPFDARAFVDALL  416
consensus                                     **!!!*! !!!** !!!!!**!! !* !!*!!*!!!!!!!*!*!*!*  * *******  *!!!! ** * *! !  !   !!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 99995 QMN13 RS11340 WP 281970227.1  NND   299
NTDB id 1118 NGFG RS11455 WP 003696286.1    D..   417
consensus                                    **
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X non conserved

X similar

X $\geq$50% conserved