```
logo
NTDB id 1099570 ACM67B RS04725 WP 416190361.1  .MNAPIDLNQAAALAATQFLQHYALEDAVVVTPYVEALFSALQSGHSFIWVSDKEAAALKRAVLVVGTDGETPLVLNGRR   79
NTDB id 1134 OK783 RS03985 WP 010358120.1      MELQTDEFAQAAARAAIRFLERYAGSGNEVLANCTERLFQALQNGHSFIRLSGDEADALSALAPVVGTS.AAPLILEGRR   79
consensus                                      *   * *  !!!! !!  !! *!!     !* ** ! !! !!! !!!!! *!  !! !!    *!!!! *  !!*! !!!

logo
NTDB id 1099570 ACM67B RS04725 WP 416190361.1  LFLGRLWQLEHDLAVEIKRLATASVDDVDWLQASQNLQNWFAEKGSEGQRDAAGLALLQAFMLITGGPGTGKTTTVAKLL  159
NTDB id 1134 OK783 RS03985 WP 010358120.1      LFLGRMWQLEYDLAAEIKRLAAAGTSAPDAAGARQNLAKWFQGAGSEGQRDAAALALLQFFMVITGGPGTGKTTTVAKLL  159
consensus                                      !!!!!*!!!!*!!! !!!!!! !    *!   ! !!!  !!   !!!!!!!!!*!!!!! !!*!!!!!!!!!!!!!!!!!!

logo
NTDB id 1099570 ACM67B RS04725 WP 416190361.1  GLICDNATSLPRIALAAPTGKAAAHMARALHRALDRFDLPERIKQHLLLLEGQTVHRLLKLRPPQMQSAFHAQQPLPLDV  239
NTDB id 1134 OK783 RS03985 WP 010358120.1      ALICGENENLPHIALAAPTGKAAAHMARALHRSINGFDAPEAVRRHLLKLEGQTVHRLLKLSPPKMQAAFDHIRPLPFDV  239
consensus                                      *!!!     !!*!!!!!!!!!!!!!!!!!!!! *  !! !! ** !!! !!!!!!!!!!!! !! !! !!**  !!! !!

logo
NTDB id 1099570 ACM67B RS04725 WP 416190361.1  LVVDEASMLDLSLLLQLLKAIPSGCRVIFLGDEFQLPSVGVGAVLAALSRETVLDEDTHRRLSEYLPQHTFKVAEHPPAL  319
NTDB id 1134 OK783 RS03985 WP 010358120.1      LIVDEASMLDTALMLQLLKAVKTGARVILLGDENQLPSVGIGAVLSVLSQKTVLDGETHQRLAGFLPEHGFSVSANPPVL  319
consensus                                      !*!!!!!!!!  !*!!!!!!***!*!!! !!!! !!!!!!*!!!!  !!  !!!! *!! !!  *!! ! ! !  *!! !
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logo
NTDB id 1099570 ACM67B RS04725 WP 416190361.1  SQNIAHLQVSHRFGTDSGIGCLARAVVSGDSETAWAQFERFPDELQVLHADMKHQAEYLYHKHEKYWQAVESGNVALAFG  399
NTDB id 1134 OK783 RS03985 WP 010358120.1      AQNTAHLSFSHRFGDNSGIGCLARAAVSGD.EGAWALFDRFPDELEHSECSPNARVERLYRAHKAYWQAVKDGNIEAAYA  398
consensus                                       !! !!!  !!!!!  !!!!!!!!! !!!!*! !!! !*!!!!!! * ** * *  ! !!* !  !!!!!  !!*  !**

logo
NTDB id 1099570 ACM67B RS04725 WP 416190361.1  HAADVVVLTAWRQDAENFNQAYFRHLQAQQRISGDMPWFAGQMIMVTRNDYALDVFNGDIGLIMQDGESANGLAAYFPFA  479
NTDB id 1134 OK783 RS03985 WP 010358120.1      GISDIVVLAAWRQDAEDFNEAYCSYVRRKMNIPEHLAYFAGEPIMIRQNDYALELFNGDIGLIMEDVGRQGSLAAYFADA  478
consensus                                      *  !*!!! !!!!!!! !! !!* **     !* ****!!! *!!*  !!!!!**!!!!!!!!! !       !!!!!* !

logo
NTDB id 1099570 ACM67B RS04725 WP 416190361.1  DSFRKIPISRLPAFETAFAMTVHKSQGSEYREVWLLPPSIDMANESDDVLNSLNNALLYTGITRAQKRFVFWGNKKIFEW  559
NTDB id 1134 OK783 RS03985 WP 010358120.1      DGFKKVAVSCLPEFEPAFAMTVHKSQGSEYREVWLLPPSDAPSDEGDDALSGLSKELLYTAITRAREKFVFFGGKKTFCQ  558
consensus                                      !  !*!***!*!! !!*!!!!!!!!!!!!!!!!!!!!!!  *  ! !! !  !   !!!!*!!!!  *!!!*! !! !*
```

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logo                                                  AVNTVKKVRQTALGSMLNRVFSQE

NTDB id 1099570 ACM67B RS04725 WP 416190361.1         AVKTQKKRQTALDEIINALF...   579
NTDB id 1134 OK783 RS03985 WP 010358120.1             AVNTVKVRQTALGSMLERVFSQE   581
consensus                                             !! ! ! !!!!!  **  *!***
```

X non conserved

X similar

X $\geq$ 50% conserved