```
logo
NTDB id 305140 DV445 RS11270 WP 114922413.1  ..MNDDEFQTAAADAAVELLSRLYPAATEVCSPFLRRLFAALEDGHSFIWLTDEEAGTLAQAAPLTDSKGLAPLVLRGRR   78
NTDB id 1134 OK783 RS03985 WP 010358120.1    MELQTDEFAQAAARAAIRFLERYAGSGNEVLANCTERLFQALQNGHSFIRLSGDEADALSALAPVVG.TSAAPLILEGRR   79
consensus                                    **** !!!  !!! !!*  !  !  * * !!* **  !!! !!  !!!!! !* *!!  !   !!*  *   !!!*! !!!

logo
NTDB id 305140 DV445 RS11270 WP 114922413.1  LFLGRFYRLERDLAGEIRRLAVPPAEIPETARAAELLAEWFAQPGSEGQQAAAALALLQNFILISGGPGTGKTTTVAKLL  158
NTDB id 1134 OK783 RS03985 WP 010358120.1    LFLGRMWQLEYDLAAEIKRLAAAGTSAPDAAGARQNLAKWFQGAGSEGQRDAAALALLQFFMVITGGPGTGKTTTVAKLL  159
consensus                                    !!!!! * !! !!!*!!*!!! **   !* ! !   !! !!  *!!!!!  !!!!!!!! !**!*!!!!!!!!!!!!!!!

logo
NTDB id 305140 DV445 RS11270 WP 114922413.1  ALLCQGRERLPRIALAAPTGKAAAHMARALHRSLNGFSLSEGVRRHLSKLEGQTVHRLLKLRPPQMQPQFDADNPLPLDI  238
NTDB id 1134 OK783 RS03985 WP 010358120.1    ALICGENENLPHIALAAPTGKAAAHMARALHRSINGFDAPEAVRRHLLKLEGQTVHRLLKLSPPKMQAAFDHIRPLPFDV  239
consensus                                    !!*!   ! !!*!!!!!!!!!!!!!!!!!!!* * !!  *****!!!  !!!!!!!!!!!! !! !!* !!*  !!! !*

logo
NTDB id 305140 DV445 RS11270 WP 114922413.1  LIIDEASMLDLALMLNLLRAVPDGCRVILLGDENQLPSVGAGAVLASLAQTTILDGETAGRLKTLLPQRENPFQTASNPP  318
NTDB id 1134 OK783 RS03985 WP 010358120.1    LIVDEASMLDTALMLQLLKAVKTGARVILLGDENQLPSVGIGAVLSVLSQKTVLDGETHQRLAGFLPEH..GFSVSANPP  317
consensus                                    !!*!!!!!!! !!!!*!!*!!* !*!!!!!!!!!!!!!!! !!!!  ! ! !*!!!!!* !!   !! ****!   !!!

logo
NTDB id 305140 DV445 RS11270 WP 114922413.1  ALSANTARLTVSHRFGEHSGLGCLARAVCAGDEETAWAQFDRFPDQLSVRTASVEQLAADFCRQQADYWQAADHADIAAA  398
NTDB id 1134 OK783 RS03985 WP 010358120.1    VLAQNTAHLSFSHRFGDNSGIGCLARAAVSGD.EGAWALFDRFPDELEHSECSPNARVERLYRAHKAYWQAVKDGNIEAA  396
consensus                                     !  !!!*!* !!!!!**!!*!!!!!! * !!*! !!! !!!!!! ! *  *!*       *! *  !!!!  ** ! !!

logo
NTDB id 305140 DV445 RS11270 WP 114922413.1  FNYQNHLAVLAARRDDAARFNLACRNHLQRHGRIPADAQWFAGQVIMIERNDYPLGLFNGDIGLILRDTDGGDGALAAYF  478
NTDB id 1134 OK783 RS03985 WP 010358120.1    YAGISDIVVLAAWRQDAEDFNEAYCSYVRRKMNIPEHLAYFAGEPIMIRQNDYALELFNGDIGLIMEDV.GRQGSLAAYF  475
consensus                                    *    ** !!!! ! !!   !! !** ** !*  !! *  *!!! *!!!  !!!*! !!!!!!!!!* ! *!  ! !!!!!

logo
NTDB id 305140 DV445 RS11270 WP 114922413.1  PDGGTYRKIPLSRLPAYETAFAMTVHKSQGSEYRDVWLLPPADA.........EGLNRALLYTAITRAREKFTFVGGRHA  549
NTDB id 1134 OK783 RS03985 WP 010358120.1    ADADGFKKVAVSCLPEFEPAFAMTVHKSQGSEYREVWLLPPSDAPSDEGDDALSGLSKELLYTAITRAREKFVFFGGKKT  555
consensus                                    *!*  **!***!*!! *!*!!!!!!!!!!!!!!!!*!!!!!! !!********* !! * !!!!!!!!!!!!! ! !!**
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logo                                                  FCQAVNTVKVRRTGLRSMLERVTSRI
                                                      FAAACNRNETRRSGLRDMLADEFEQE

NTDB id 305140 DV445 RS11270 WP 114922413.1           FAAACNRNETRRSGLRDMLADETERI   575
NTDB id 1134 OK783 RS03985 WP 010358120.1             FCQAVNTVKVRQTALGSMLERVFSQE   581
consensus                                             !* !*!     ! **!   !!
```

X non conserved

X similar

X $\geq$ 50% conserved