```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 58578 DESGI RS13355 WP 006523622.1  ..............................................................................................  0
NTDB id 1118 NGFG RS11455 WP 003696286.1    MFSFFRRKKKQETPALEEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSGAVEQVKETVAEMPSEAGEAAER  85
consensus                                   ******************************************************************************************

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 58578 DESGI RS13355 WP 006523622.1  ...............................MGFFNKLKDSLSKTRKNFVEKIDSIVTGRKVIDEELYEELEEALIQADVGIDAAL  55
NTDB id 1118 NGFG RS11455 WP 003696286.1    VESAKEAVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLAGVF.GGGQIGEDLYEELETVLITGDMGMEATE  169
consensus                                   ********************************!*  *!!  ! !*!      *  * *!   ! !*!!!!!!  !! *!*!**!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 58578 DESGI RS13355 WP 006523622.1  ELVENLRGEVKKRRIGEPEELRAVLKELIQGILGEETTS.LNIDGEQPAVIMVVGVNGVGKTTTIGKLAHYYKENGKSVLLSAAD  139
NTDB id 1118 NGFG RS11455 WP 003696286.1    YLMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPLVLPETKEPFVIMLAGINGAGKTTSIGKLAKYFQAQGKSVLLAAGD  254
consensus                                    !*  *!! !  * * ** !!!* !!! *  ** *   *** **   ! !!!* !*!! !!!!*!!!!!*!*  *!!!!!! !*!

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 58578 DESGI RS13355 WP 006523622.1  TFRAAAIDQLEIWGNRVGVAVIKHSEGSDPAAVAFDSLQAARARKIDVLIVDTAGRLHTKSNLMEELKKVHRVLGREMPNAPHEV  224
NTDB id 1118 NGFG RS11455 WP 003696286.1    TFRAAAREQLQAWGGRNNVTVISQTTG.DSAAVCFDAVQAAKARGIDIVLADTAGRLPTQLHLMEEIKKVKRVLQKAIPGAPHEI  338
consensus                                   !!!!!! *!!  !! !  ! !! ** !*!*!!!*!! *!!!*!! !!*** !!!!!! !  *!!!!*!!!*!!! * *! !!!!*

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 58578 DESGI RS13355 WP 006523622.1  LLVLDATTGQNAISQASLFKEAVGVTGVALTKLDGTAKGGVVIAIKQGLDIPIKMIGVGEGIDDLRPFDAREFADALFERENKAV  309
NTDB id 1118 NGFG RS11455 WP 003696286.1    IVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAALASDRPVPVRYIGVGEGIDDLRPFDARAFVDALLD......  417
consensus                                   **!!!!  !!!!* !   ! *!*!*!!* *!!!!!!!!!!** !*    **!** !!!!!!!!!!!!!!!! ! !!! *******

logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 58578 DESGI RS13355 WP 006523622.1  EQVG   313
NTDB id 1118 NGFG RS11455 WP 003696286.1    ....   417
consensus                                   ****
```

X non conserved

X similar

X ≥ 50% conserved