```
logo
NTDB id 53791 Q91 RS09175 WP 015006611.1   ..................................................................................   0
NTDB id 1118 NGFG RS11455 WP 003696286.1   MFSFFRRKKKQETPALEEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSGAVEQVKETVAEMPSEAGEAAER   85
consensus                                  **********************************************************************************

logo
NTDB id 53791 Q91 RS09175 WP 015006611.1   ........MFGFGKKKDTDTTKQPPVEEPKEGFFGRLKNQLTKTRSGLTGGLGNLFLGKKQIDDDLREELEMLLLTADVGIEATQ   77
NTDB id 1118 NGFG RS11455 WP 003696286.1   VESAKEAVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLAGVF.GGGQIGEDLYEELETVLITGDMGMEATE   169
consensus                                  ********    !          ** !! ! !* *!!!* ! !*!  *   !* *!*!  !! *!!*!!!! *!*!*!*!*!!!

logo
NTDB id 53791 Q91 RS09175 WP 015006611.1   HIISNLTQRVARKQLADPQALTQALQEEMLSILEPNQQALTIPDSDGPFVILVVGVNGMGKTTTIGKLAKRLQAEGKSVMLAAGD   162
NTDB id 1118 NGFG RS11455 WP 003696286.1   YLMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPLVLPETKEPFVIMLAGINGAGKTTSIGKLAKYFQAQGKSVLLAAGD   254
consensus                                  ***  *  !!  ! ! !** !  !! ! *  ** !   *! *!**  !!!!** !*!! !!!!*!!!!!!  !! !!!!*!!!!!

logo
NTDB id 53791 Q91 RS09175 WP 015006611.1   TFRTAAIEQLQEWGKRNDVEVVAQHTGADSASVIYDAFEKAKARNIDVLLADTAGRLHTQTNLMNELSKINRVIKKLDDSAPHET   247
NTDB id 1118 NGFG RS11455 WP 003696286.1   TFRAAAREQLQAWGGRNNVTVISQTTG.DSAAVCFDAVQAAKARGIDIVLADTAGRLPTQLHLMEEIKKVKRVLQKAIPGAPHEI   338
consensus                                  !!! !! !!!! !! !! ! !* !*!!*!!! !**!!   !!!! !!**!!!!!!!! !! *!! !* !* !!* !  * !!!!

logo
NTDB id 53791 Q91 RS09175 WP 015006611.1   MLVLDAGTGQNALAQAKNFDKATPLTSITLTKLDGTAKGGIIFAIANQFKLPIRFIGIGEGINDLRPFDAAEFTMALFEKSETDH   332
NTDB id 1118 NGFG RS11455 WP 003696286.1   IVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAALASDRPVPVRYIGVGEGIDDLRPFDARAFVDALLD......   417
consensus                                  **!!!!  !!!!* ! ! !! ! *!! * *!!!!!!!!!!!* !*!   **!*!*!!*!!!! !!!!!!!  !  !! *******
```

X non conserved

X similar

X $\geq$50% conserved