```
logo
NTDB id 222446 A6J40 RS09580 WP 003633239.1  MIKWFKRSHT.....................................................PTSSEAD   17
NTDB id 1118 NGFG RS11455 WP 003696286.1     MFSFFRRKKKQETPALEEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSGAVEQVKETVAEMPSEAG   80
consensus                                    !  *!*! * ************************************************************ *!!!

logo

NTDB id 222446 A6J40 RS09580 WP 003633239.1  ESQHKEE....LMP......QAPMTKAEQEQEPVKEGFFARFRKSLSKTRHQLGDGICRLLLGKKEISQELLDELETLLI   87
NTDB id 1118 NGFG RS11455 WP 003696286.1     EAAERVESAKEAVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLAG.VFGGGQIGEDLYEELETVLI  159
consensus                                    !  ** !**** ******** ***  !    !**! !* !! *  ! !*!* **  ** ** !   !  *! *!!!!*!!

logo

NTDB id 222446 A6J40 RS09580 WP 003633239.1  SADLGIETTQAVLNQLTEGLARKQLSDGNAVYEALKSYLQGILKQKNQSLTLETADHSPFVILMVGVNGAGKTTTIGKLA  167
NTDB id 1118 NGFG RS11455 WP 003696286.1     TGDMGMEATEYLMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPLVLP.ETKEPFVIMLAGINGAGKTTSIGKLA  238
consensus                                    **!*!*! !  **  *   *  ! ! !!! *  !!!  !  **!*   *! !**  * !!!!** !*!!!!!!!*!!!!!

logo

NTDB id 222446 A6J40 RS09580 WP 003633239.1  KQFQQQGKKVMLAAGDTFRAAAVEQLLVWGERNDIPVIAQHTGADSASVIFDALQAAKARKMDVLIADTAGRLHTQSNLM  247
NTDB id 1118 NGFG RS11455 WP 003696286.1     KYFQAQGKSVLLAAGDTFRAAAREQLQAWGGRNNVTVISQTTG.DSAAVCFDAVQAAKARGIDIVLADTAGRLPTQLHLM  317
consensus                                    ! !! !!! !*!!!!!!!!!!! !!!  !! !! **!! !*!!*!!! !*!!!*!!!!!! *!***!!!!!!! !! *!!

logo

NTDB id 222446 A6J40 RS09580 WP 003633239.1  EELKKVKRVLQKLSPDAPHETMLILDASIGQNALVQARQFNEAIGLTGVTMTKLDGTAKGGILFAIANELGIPFRYIGIG  327
NTDB id 1118 NGFG RS11455 WP 003696286.1     EEIKKVKRVLQKAIPGAPHEIIVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAALASDRPVPVRYIGVG  397
consensus                                    !!*!!!!!!!!!  ! !!!! ***!!! !!!!!* ! * ! *!*!!!!* *!!!!!!!!!!!! !*! * **! !!!!*!

logo

NTDB id 222446 A6J40 RS09580 WP 003633239.1  EGIEDLQPFDAAQFVGALFNDHI   350
NTDB id 1118 NGFG RS11455 WP 003696286.1     EGIDDLRPFDARAFVDALLD...   417
consensus                                    !!!*!! !!!!  !! !!  ***
```

X non conserved

X similar

X $\geq$ 50% conserved