```
logo
NTDB id 146117 AAW31 RS11770 WP 046850365.1  ..............................................................................  0
NTDB id 1118 NGFG RS11455 WP 003696286.1     MFSFFRRKKKQETPALEEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSGAVEQVKETVAEMPSEAG  80
consensus                                    ******************************************************************************

logo
NTDB id 146117 AAW31 RS11770 WP 046850365.1  ............MFSLFKSKKNSTDKSSAEDNSKTESWTSKIRQGLARTRQNFGKQLSSLLSSRKIDEALYDELETILLT  68
NTDB id 1118 NGFG RS11455 WP 003696286.1     EAAERVESAKEAVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLAGVFGGGQIGEDLYEELETVLIT  160
consensus                                    *************                !    *   !  ***!!!!**!   *! !  *     ! ! !!*!!!!*!*!

logo
NTDB id 146117 AAW31 RS11770 WP 046850365.1  ADAGVNATNLLLDALRKKVKRDALNNAEQLKEALQETLINLLAPLAQPLDV.TTKKPFIIMITGVNGVGKTTTIGKLAHY  147
NTDB id 1118 NGFG RS11455 WP 003696286.1     GDMGMEATEYLMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPLVLPETKEPFVIMLAGINGAGKTTSIGKLAKY  240
consensus                                    *! !* !!  !*  *! *!   *!  *  !* !! ! !  !* !!  !! ** !! !!*!!* !*!! !!!!*!!!!!*!

logo
NTDB id 146117 AAW31 RS11770 WP 046850365.1  FQSQGKSVLLAAGDTFRAAAREQLLAWGERNNVTVIAQESDSQKKSDPAAVIFDAINAAKARDIDIVLADTAGRLTTQMH  227
NTDB id 1118 NGFG RS11455 WP 003696286.1     FQAQGKSVLLAAGDTFRAAAREQLQAWGGRNNVTVISQT.....TGDSAAVCFDAVQAAKARGIDIVLADTAGRLPTQLH  315
consensus                                    !! !!!!!!!!!!!!!!!!!!!! !!! !!!!!!! ! *****  !*!!!*!!!**!!!!! !!!!!!!!!!!!*!!*!

logo
NTDB id 146117 AAW31 RS11770 WP 046850365.1  LMEEIKKIKRVINKALPDAPHEVLLVLDANTGQNALNQLKAFDEALGVSGLVLTKLDGTAKGGVIAAIAAQYPQNPPALR  307
NTDB id 1118 NGFG RS11455 WP 003696286.1     LMEEIKKVKRVLQKAIPGAPHEIIVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAALASD...RPVPVR  392
consensus                                    !!!!!!!*!!!**!!*! !!!!***!!!!! !!!!*!!*!!!!*!!!**!!**!!!!!!!!!!**!!*!  *** !***!

logo
NTDB id 146117 AAW31 RS11770 WP 046850365.1  FIGIGEGLEDLRPFDAQEFVEAIFD  332
NTDB id 1118 NGFG RS11455 WP 003696286.1     YIGVGEGIDDLRPFDARAFVDALLD  417
consensus                                    *!!*!!!**!!!!!!!  !!*!* !
```

X non conserved

X similar

X $\geq$ 50% conserved