```
logo
NTDB id 155948 AM586 RS19840 WP 082439412.1  MFSFFKKKKPEAETPVQAESAAAAAPEAPVEAPAQPGFLRRLFGASDDTFVPEPETAAPAHEAATEPEEPAAREADVPDP   80
NTDB id 1118 NGFG RS11455 WP 003696286.1     MFSFFRRKKKQETPALEEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSGAVEQ..VKETVAEMPSE   78
consensus                                    !!!!!**!!*   ***        !*  * ! *  *! **       **  * *!*! * * *!  !****    !**! *

logo

NTDB id 155948 AM586 RS19840 WP 082439412.1  ...VATRIAEQAAVLSNAYEGQLFPETAERPGSELEKKKSWMTRLKAGLSKTSS....NLSLLFVGARIDEDLYEELESA   153
NTDB id 1118 NGFG RS11455 WP 003696286.1     AGEAAERVESAKE.AVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLAGVFGGGQIGEDLYEELETV   157
consensus                                    *** ! !*     *       !   *   ! ***  !*!  !  !!! !! !*  **** !  *! !* ! !!!!!!!!*

logo

NTDB id 155948 AM586 RS19840 WP 082439412.1  LLMSDAGMDATQYLLDSLRRKVKEEKLLDAAAVKAALKELMVDLLRPLEKPLELG.RHEPLVMMIAGVNGAGKTTTIGKL   232
NTDB id 1118 NGFG RS11455 WP 003696286.1     LITGDMGMEATEYLMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPLVLPETKEPFVIMLAGINGAGKTTSIGKL   237
consensus                                    !*  ! !!*!! !!*  *! *!    ! !*  ***!!!! * !!**!!!!!! !** *!! !*!*!!*!!!!!!!*!!!!

logo

NTDB id 155948 AM586 RS19840 WP 082439412.1  AKHMQRYEQSVLLAAGDTFRAAAREQLMVWGQRNNVTVISQASGDPAAVAFDAVQSGRARGVDVVMVDTAGRLPTQLHLM   312
NTDB id 1118 NGFG RS11455 WP 003696286.1     AKYFQAQGKSVLLAAGDTFRAAAREQLQAWGGRNNVTVISQTTGDSAAVCFDAVQAAKARGIDIVLADTAGRLPTQLHLM   317
consensus                                    !!* !    !!!!!!!!!!!!!!!!!!  !! !!!!!!!!! *!!*!!!*!!!!! **!!!*!*!* !!!!!!!!!!!!!

logo

NTDB id 155948 AM586 RS19840 WP 082439412.1  EELKKKIKRVIGKGMEDAPHEVLLVIDGNTGQNALAQVKAFDDALQLTGLVITKLDGTAKGGILAAIARTRPVPVYFIGVG   392
NTDB id 1118 NGFG RS11455 WP 003696286.1     EEIKKVKRVLQKAIPGAPHEIIVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAALASDRPVPVRYIGVG   397
consensus                                    !!*!!*!!!* !*** !!!!***!*!*! !!!!* !!!!!!!!! !!!!**!!!!!!!!!!!!!!!!*!  !!!!! *!!!!

logo

NTDB id 155948 AM586 RS19840 WP 082439412.1  EKLEDLQPFSADEFAEALLG   412
NTDB id 1118 NGFG RS11455 WP 003696286.1     EGIDDLRPFDARAFVDALLD   417
consensus                                    ! **!! !! !   ! *!!!
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X non conserved

X similar

X $\geq$ 50% conserved