```
logo

NTDB id 150415 ACJ67 RS04535 WP 049638061.1  ................................................................................   0
NTDB id 1118 NGFG RS11455 WP 003696286.1     MFSFFRRKKKQETPALEEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSGAVEQVKETVAEMPSEAG  80
consensus                                    ********************************************************************************

logo

NTDB id 150415 ACJ67 RS04535 WP 049638061.1  ............MFNPF..AKKSDPDTPAPAESASLSWTQRLKNGLSKTRQQLGGQLSALFGGGKINEDIYEELETILLT  66
NTDB id 1118 NGFG RS11455 WP 003696286.1     EAAERVESAKEAVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLAGVFGGGQIGEDLYEELETVLIT  160
consensus                                    *************  * **!    ** *!* ! * ! !  !!!*!! !*!  **  ! **!!!! ! !!*!!!!!!*!*!

logo

NTDB id 150415 ACJ67 RS04535 WP 049638061.1  SDVGVNATQYLLEQLRNRVKKQDLQDTIALKQALKDTLLELLQPLESPLDVR.GHQPYVMMMVGVNGAGKTTTIGKLAKY  145
NTDB id 1118 NGFG RS11455 WP 003696286.1     GDMGMEATEYLMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPLVLPETKEPFVIMLAGINGAGKTTSIGKLAKY  240
consensus                                     !*!* !! !!*  *! !!    ! !   !* !!!* ! *!* !!! !! *** * !*!*!* !*!!!!!!!*!!!!!!!

logo

NTDB id 150415 ACJ67 RS04535 WP 049638061.1  LQAQGHSVLIAAGDTFRAAAREQLQVWGERNDVHVIASESGDPAAVIYDAVNSAIARKIDVVIADTAGRLPTQLHLMDEI  225
NTDB id 1118 NGFG RS11455 WP 003696286.1     FQAQGKSVLLAAGDTFRAAAREQLQAWGGRNNVTVISQTTGDSAAVCFDAVQAAKARGIDIVLADTAGRLPTQLHLMEEI  320
consensus                                     !!!!*!!!*!!!!!!!!!!!!!!! !! !! !*!!   *!!*!!!**!!!* ! !! !!*!*!!!!!!!!!!!!!!*!!

logo

NTDB id 150415 ACJ67 RS04535 WP 049638061.1  KKVQRVIDKALPGAPHEILLVLDANTGQNAVNQLKAFHEALGVTGLALTKLDGTAKGGVIAAIAHLSQQSASKTPVRFVG  305
NTDB id 1118 NGFG RS11455 WP 003696286.1     KKVKRVLQKAIPGAPHEIIVVLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAALA.....SDRPVPVRYIG  395
consensus                                    !!! !!* !!*!!!!!!!**!!!!! !!!!!!!*!!!**!!!*!!! *!!!!!!!!!!**!!*!*****!  * !!!**!

logo

NTDB id 150415 ACJ67 RS04535 WP 049638061.1  VGESIDDLRPFNANDFVDALIDD   328
NTDB id 1118 NGFG RS11455 WP 003696286.1     VGEGIDDLRPFDARAFVDALLD.   417
consensus                                    !!! !!!!!!! !  !!!!!*!*
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X non conserved
X similar
X $\geq$ 50% conserved