```
logo
NTDB id 37393 M301 RS10365 WP 013148730.1   MFDFFKKKP.......................................................................   9
NTDB id 1118 NGFG RS11455 WP 003696286.1    MFSFFRRKKKQETPALEEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSGAVEQVKETVAEMPSEAGEAAER   85
consensus                                   !! !!**!*****************************************************************************

logo
NTDB id 37393 M301 RS10365 WP 013148730.1   .......FQPEHEETTEQVDTALTEAQVAAQSWSERLKQSLSKTRKQLGNQLASLFGGGKIDAEVYEELETILITSDVGVNATKN   87
NTDB id 1118 NGFG RS11455 WP 003696286.1    VESAKEAVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLAGVFGGGQIGEDLYEELETVLITGDMGMEATEY   170
consensus                                   *******  * * !   !!  !*     *   !  !!!! ! !*!  **  !! *!!!! !  **!!!!!!*!!! !*!* !!

logo
NTDB id 37393 M301 RS10365 WP 013148730.1   LLADIKNRVKVQSLDDTVQLKAALKEAMSDLLTPLQKPLDTS.GQKPFVIMLAGVNGAGKTTSIGKLAHAFQAEGKSVLIAAGDT   171
NTDB id 1118 NGFG RS11455 WP 003696286.1    LMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPLVLPETKEPFVIMLAGINGAGKTTSIGKLAKYFQAQGKSVLLAAGDT   255
consensus                                   !* !** !! *  ! !   !**!!!!!* !!* !! !!!  **   !!!!!!!!*!!!!!!!!!!!!!* !!! !!!!!*!!!!!

logo
NTDB id 37393 M301 RS10365 WP 013148730.1   FRAAAREQLQIWGERNNVHVVSQTSGDAAAVMFDAINSAKAKNIDIVLADTAGRLPTQMHLMDEIAKVKRVMDKALPGAPHEVLL   256
NTDB id 1118 NGFG RS11455 WP 003696286.1    FRAAAREQLQAWGGRNNVTVISQTTGDSAAVCFDAVQAAKARGIDIVLADTAGRLPTQLHLMEEIKKVKRVLQKAIPGAPHEIIV   340
consensus                                   !!!!!!!!!! !! !!!!*!*!!!*!! !!!*!!!** !!!* !!!!!!!!!!!!!!!*!!!*!! !!!!!* !!*!!!!!!***

logo
NTDB id 37393 M301 RS10365 WP 013148730.1   VLDANTGQNAVTQVKTFDDALGVTGLVLSKLDGTAKGGVIAAIAEARPIPIRYIGIGEGIDDLRPFIAADFIDAMID   333
NTDB id 1118 NGFG RS11455 WP 003696286.1    VLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAALASDRPVPVRYIGVGEGIDDLRPFDARAFVDALLD   417
consensus                                   !!!!! !!!!! !!! !!!!!!*!!!***!!!!!!!!!**!!*!  !!*!*!!!!*!!!!!!!!!! !  !*!!**!
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X non conserved

X similar

X $\geq$ 50% conserved