```
logo
NTDB id 164476 AVM03 RS06890 WP 058906208.1  ....MDQLNIEEQPYVKGVIHTVIYHNDTNLYTVLKVKVAETSEAIEDKVVSVTGYFPLLQEDETYTFYGKTATHPKFGL   76
NTDB id 355 BSU 27480 NP 390625.1            MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                    *****!!! *!! !!*!! **!!!!!!!!!!!!!!!!!! !!!!!!!!! !!!!!!!! !!!*!!!!!!!!  !!!!!!!

logo

NTDB id 164476 AVM03 RS06890 WP 058906208.1  QFQAEHFKKEIPTTKEGIIHYLSSDLFEGIGKKTAEEIVKKLGDGALNKILADASVLYDVPKMSKKKADKLAGELQRHQG  156
NTDB id 355 BSU 27480 NP 390625.1            QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG  160
consensus                                    !!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!! !*!!!!!!!!!!!!!!!**!!!!!! !!! !!!!!!

logo

NTDB id 164476 AVM03 RS06890 WP 058906208.1  LEQIMISLNQYGFGPQLSMKIYQAYETETLEKIQENPYQLVKDVEGIGFVKADELGGKMGLSGNHPERIKAAILYTIEST  236
NTDB id 355 BSU 27480 NP 390625.1            LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT  240
consensus                                    !!!!!!!!!!*!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!! !!!!!! *!!!!!!!!!!*!!!!!!!*!*!

logo

NTDB id 164476 AVM03 RS06890 WP 058906208.1  CLSEGHTYIETKQLIINTQTLLNQSA.EGGRVTEMDAADGIIALGESKDIVIEGERCYFPSLFYAEQNVAKRVLDIAAQT  315
NTDB id 355 BSU 27480 NP 390625.1            CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT  320
consensus                                    !!!!!!!!!!! !!!! !!*!!!!!!*!! !*!!!!!! *!!!!!! !!!!!!  !!!!!!!!!!!!!!!!!! *!! !!

logo

NTDB id 164476 AVM03 RS06890 WP 058906208.1  EYADQFPESEFLLALGELEERMNVQYAPSQKDAIQKALSSPMLLLTGGPGTGKTTVIKGIVELYSELHGVSLDPGDYKKD  395
NTDB id 355 BSU 27480 NP 390625.1            EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKD  400
consensus                                    !!  !!!!!!!!!!!!!!!!! !!!!!!!!*!!!!!!!!!!!!!!!!!!!
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logo
NTDB id 164476 AVM03 RS06890 WP 058906208.1  VDQVVSNALKKGYTSRDIQVLAPMYRGKAGINELNMLLQDIMNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNGD  635
NTDB id 355 BSU 27480 NP 390625.1            VEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNGD  640
consensus                                    !* !! !!!!!!!! *!!!!!!!!!!!!!!!!!!!!**!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 164476 AVM03 RS06890 WP 058906208.1  IGEIVSIFYAKENTEKEDMVVVSFDGNEITFTKKDFSQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAIT  715
NTDB id 355 BSU 27480 NP 390625.1            IGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAIT  720
consensus                                    !!!! !!!!!!!!!!!!!! !!!!!!!!!*!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 164476 AVM03 RS06890 WP 058906208.1  RAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLTEQTEEMDAELAALQKELPFSVYDANIGMEGITPFDFMEEKA.  792
NTDB id 355 BSU 27480 NP 390625.1            RAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDAELEALQKELPFSVHDANIGMEGITPFDFMKEEQQ  798
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!* ! !!!!!!! !!!!!!!!!!!*!!!!!!!!!!!!!!!! !  *
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X non conserved

X similar

X $\geq$ 50% conserved