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logo

NTDB id 1079527 ACKPXQ RS12785 WP 014418522.1  ....MDQLNIEEQPYVKGVIHTVIYHNDTNLYTVLKVKVAETSEAIEDKVVSVTGYFPLLQEDETYTFYGKTATHPKFGL   76
NTDB id 355 BSU 27480 NP 390625.1              MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                      *****!!! *!! !!*!! **!!!!!!!!!!!!!!!!!! !!!!!!!!! !!!!!!!! !!!*!!!!!!!!  !!!!!!!

logo

NTDB id 1079527 ACKPXQ RS12785 WP 014418522.1  QFQAEHFKKEIPTTKEGIIHYLSSDLFEGIGKKTAEEIVKKLGDGALNKILTDASVLYDVPKMSKKKADKLAGELQRHQG  156
NTDB id 355 BSU 27480 NP 390625.1              QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG  160
consensus                                      !!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!! !*!!!! !!!!!!!!!**!!!!!! !!! !!!!!!

logo

NTDB id 1079527 ACKPXQ RS12785 WP 014418522.1  LEQIMISLNQYGFGPQLSMKIYQAYETETLEKIQENPYQLVKDVEGIGFVKADELGGKMGLSGNHPERIKAAILYTIEST  236
NTDB id 355 BSU 27480 NP 390625.1              LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT  240
consensus                                      !!!!!!!!!!*!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!! !!!!!! *!!!!!!!!!!*!!!!!!!*!*!

logo

NTDB id 1079527 ACKPXQ RS12785 WP 014418522.1  CLSEGHTYIETKQLIINTQTLLNQSA.EGGRVTEMDAADGIIALGESKDIVIEGERCYFPSLFYAEQNVAKRVLDIAAQT  315
NTDB id 355 BSU 27480 NP 390625.1              CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT  320
consensus                                      !!!!!!!!!!! !!!! !!*!!!!!!*!! !*!!!!!! *!!!!!! !!!!!!  !!!!!!!!!!!!!!!!!! *!! !!

logo

NTDB id 1079527 ACKPXQ RS12785 WP 014418522.1  EYADQFPESEFLLALGELEERMNVQYAPSQKDAIQKALSSPMLLLTGGPGTGKTTVIKGIVELYSELHGVSLDPGDYKKD  395
NTDB id 355 BSU 27480 NP 390625.1              EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKD  400
consensus                                      !!  !!!!!!!!!!!!!!!!!! !!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!! !!!!!!!!!  !!!!

logo

NTDB id 1079527 ACKPXQ RS12785 WP 014418522.1  ETFPVLLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTYNEDQPIEGKLIIIDEASMLDIWLASHLFKALPKHIQL  475
NTDB id 355 BSU 27480 NP 390625.1              EAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQI  480
consensus                                      ! !!**!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!* !!!!!!!!!*!!!!!!!!!!!!! !!!!!*! !!!*

logo

NTDB id 1079527 ACKPXQ RS12785 WP 014418522.1  IVVGDEDQLPSVGPGQVLRDLLASEVLPTVRLTDIYRQAEGSSIVELAHDMKKGLLPKGLTAPTKDRSFIRCNSSQMKEV  555
NTDB id 355 BSU 27480 NP 390625.1              IIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEV  560
consensus                                      !*!!!!!!!!!!!!!!!!!!!!!! !*!!!!!!!!!!!!!!!!!!!!!! !! !!!!  !!!!!!!!!!!!!  !!*!!!
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logo

NTDB id 1079527 ACKPXQ RS12785 WP 014418522.1  VDQVVSNALKKGYTSRDIQVLAPMYRGKAGINELNMLLQDIMNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNGD   635
NTDB id 355 BSU 27480 NP 390625.1              VEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNGD   640
consensus                                      !* !! !!!!!!!! *!!!!!!!!!!!!!!!!!!!**!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
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logo

NTDB id 1079527 ACKPXQ RS12785 WP 014418522.1  IGEIVSIFYAKENTEKEDMVVVSFDGNEITFTKKDFSQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAIT   715
NTDB id 355 BSU 27480 NP 390625.1              IGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAIT   720
consensus                                      !!!! !!!!!!!!!!!!!! !!!!!!!!*!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
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logo

NTDB id 1079527 ACKPXQ RS12785 WP 014418522.1  RAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLTEQTEEMDAELAALQKELPFSVYDANIGMEGITPFDFMEEKA.   792
NTDB id 355 BSU 27480 NP 390625.1              RAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDAELEALQKELPFSVHDANIGMEGITPFDFMKEEQQ   798
consensus                                      !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!* ! !!!!!!! !!!!!!!!!!*!!!!!!!!!!!!!!! !  *
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X non conserved
X similar
X ≥ 50% conserved