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logo

NTDB id 1055555 ACFDHY RS05495 WP 381420322.1  ....MENPTLFEQSYIKGNIDVILFQNSDNYYTVLKVDVEDSNEDFD.NMATVVGYFPNIVEGETYTFKGQVAEHPRYGK   75
NTDB id 355 BSU 27480 NP 390625.1              MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                      ******** ! ! *!*!! *  ****!  ! !!!!!! ! ** !  **   *! !!!! * ! !!!!! ! *  !!**!

logo

NTDB id 1055555 ACFDHY RS05495 WP 381420322.1  QLKAETFQKEIPQTREAIIQYLSSDLFKGVGKKTAESIVDTLGDHTIQSILKDATVLEQVPKLSKAKQQQIADQVYQNQE   155
NTDB id 355 BSU 27480 NP 390625.1              QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG   160
consensus                                      !  !!*! !!!! !*!*!!!!!!!!!! !*!!!!!! !!  !!!* !* !! !!*!!  !!*!!! !   *!  *  *!

logo

NTDB id 1055555 ACFDHY RS05495 WP 381420322.1  SEQIMIRLNELGFGAKLAMDIYKFYKVDTFKIIDENPYQLVYDIRGVGFQKADQLARLIGISYTHPNRLKAGIQYIIEEI   235
NTDB id 355 BSU 27480 NP 390625.1              LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT   240
consensus                                       !!!!! !!   !!!* ! ! !!  !  *!   ! !!!!!!! !* !*!! !!! !*  *!*!  !! !*!!*! ! *!

logo

NTDB id 1055555 ACFDHY RS05495 WP 381420322.1  CIKQGHTYLPKDTLMKESSVLLTKQNET..TIDSAMLEDVFMQLIEEKRLVDDDGHIAIPSLFYSELKSSQNVYKLMSNN   313
NTDB id 355 BSU 27480 NP 390625.1              CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT   320
consensus                                      !*  !!!!** * !* **  !!       ** !          * ! ! ! *! *!!**  !!!!! !       ! ** !*

logo

NTDB id 1055555 ACFDHY RS05495 WP 381420322.1  VRIDTFDQSDIQMHIGEIEETHGVSYAEAQKEALEAAMKNKLMILTGGPGTGKTTVIKGIVHLYATLHGISLNYDDYG.D   392
NTDB id 355 BSU 27480 NP 390625.1              EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKD   400
consensus                                        !* !*  ***!!*!! * ! !!* !!!!*  !*  ****!!!!!!!!!!!!!*!!!*!!* !!!*!! *  ! *!

logo

NTDB id 1055555 ACFDHY RS05495 WP 381420322.1  EDYPVVLAAPTGRASKRLHDATGLEAMTIHRLIGWNQDTKPEDILDHAIHAKLIIIDEMSMVDTWLFHQFMAAVPEDAQV   472
NTDB id 355 BSU 27480 NP 390625.1              EAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQI   480
consensus                                      ! *!*!!!!!!!!! !!*** !!!*!*!!!!!*!!!    * *  !**!**!!*!!!! !!*! !! **   !*!** !*

logo

NTDB id 1055555 ACFDHY RS05495 WP 381420322.1  VLVGDEDQLPSVGPGQVFRDLITSKALPRINLIEVYRQQDGSSIIELAHKMKAGLNV.DITERFHDRSFIPCHIDQIPEV   551
NTDB id 355 BSU 27480 NP 390625.1              IIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEV   560
consensus                                      **!!!!!!!!!!!!!!! !!!* !  *! * ! **!!! *!!!!*!!!! !! !! ** *! * *!!!!!*!*  !!*!!
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logo

NTDB id 1055555 ACFDHY RS05495 WP 381420322.1  VRKVVTNAVKKGYDMSDIQVLAPMYRGNAGIHKLNKVLQDILNPIEDDDTREIQFGDVVYRKGDKVLQLVNRPNDNIFNG   631
NTDB id 355 BSU 27480 NP 390625.1              VEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKE.KRRELKFGDVVYRTGDKILQLVNQPENNVFNG   639
consensus                                      ! !!! !!*!!!!   !!!!!!!!!!! !!!* !! *!!!!!!!* **  !!* !!!!!!! !!!*!!!!! !  !*!!!

logo

NTDB id 1055555 ACFDHY RS05495 WP 381420322.1  DIGVIVGIFWAKENALNKDVVIVDYEGNEITYLKSDLTELTHAYCTSIHKAQGSEFPIVIMPIVKQYFRMLQKPILYTGL   711
NTDB id 355 BSU 27480 NP 390625.1              DIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAI   719
consensus                                      !!! !  !!*!!!!    !* *! **!!!*!* ! !    !!!!!*!!!! !!!!!!!!**!*!! !*!!! ***!!!**

logo

NTDB id 1055555 ACFDHY RS05495 WP 381420322.1  TRAKQSLVFLGDADAFNIGIKTEGQVRLTRQQMFLEQYFNTDSE..TNQPVQLSEE.TMFKIDPMINMKNVTPYDFMEID   788
NTDB id 355 BSU 27480 NP 390625.1              TRAKKFLILCGEEEALEWGVKNNDATVRQ..T.SLKNRLSVQVEEMDAELEALQKELPFSVHDANIGMEGITPFDFMKEE   796
consensus                                      !!!!  !* *!* *!   !*!        ** * ! *      !**   *  !  !**   *!* ! !  *!!*!!!  *

logo

NTDB id 1055555 ACFDHY RS05495 WP 381420322.1  NV   790
NTDB id 355 BSU 27480 NP 390625.1              QQ   798
consensus                                      *
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X non conserved

X similar

X ≥ 50% conserved