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logo
NTDB id 305324 DWB97 RS05755 WP 145400812.1  ....MENPTLFEQSYVKGNIDVILFQNNDNYYTVLKVEVEDSNEDFD.TTATIVGFFPNIVEGETYTFKGQITDHPKYGK   75
NTDB id 355 BSU 27480 NP 390625.1            MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                    ******** ! ! *!*!! *  ****!  ! !!!!!! ! ** !  **   ** !*!! * ! !!!!! ! !  !!!*!

logo
NTDB id 305324 DWB97 RS05755 WP 145400812.1  QLKAETFQKVLPQTREAVIQYLSSELFKGVGKKTAESIVDTLGENAIQSILKDASVLEKVPKLSKTKQSQIADQVFQNQE  155
NTDB id 355 BSU 27480 NP 390625.1            QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG  160
consensus                                    !  !!*! ! *! !*!**!!!!!!*!! !*!!!!!! !!  !!* !!* !! !!!!!  !!*!!! !   *!  *  *!

logo
NTDB id 305324 DWB97 RS05755 WP 145400812.1  SEQIMVRLNELGFGAKLAMDIYKFYKSDTLDILNQNPYQLVYDIRGVGFQKADQLANQMGISEHHPNRLKAGIQFVVEET  235
NTDB id 355 BSU 27480 NP 390625.1            LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT  240
consensus                                     !!!!* !!  !!!* ! ! !!  ! !*!!* ** !!!!!! !* !*!! !!! !*  !!*! *!! !*!!*! * *! !

logo
NTDB id 305324 DWB97 RS05755 WP 145400812.1  CIKQGHTYLPKETLVTESLQLLSKNSQVPIETTL..IEEVLTQLVEENRLVDDQENIAIPSLYYSELKSAQNIYKMMQQQ  313
NTDB id 355 BSU 27480 NP 390625.1            CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT  320
consensus                                    !*  !!!!** ! !* **  !!      *   ! **   *  ! !   *! *   *  !!!*! !   !  * **  !

logo
NTDB id 305324 DWB97 RS05755 WP 145400812.1  LHLEVFDQSDIQMHIGEIEQKNNVSYAEAQKEALEAAMKHQIMILTGGPGTGKTTVIKGIVYLYAALHGISLDYDDYT.E  392
NTDB id 355 BSU 27480 NP 390625.1            EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKD  400
consensus                                     *   !* !*  ***!!*! *  ! !!* !!!!*  !* *****!!!!!!!!!!!!!*!!! !!* !!!*!!!*  ! **

logo
NTDB id 305324 DWB97 RS05755 WP 145400812.1  EDYPIVLAAPTGRASKRLHDATGLEAMTIHRLLGWNQETKPEDILDNEISAKLIIIDEMSMVDTWLFHQFMAAVPNDAQV  472
NTDB id 355 BSU 27480 NP 390625.1            EAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQI  480
consensus                                    ! *!!!!!!!!!!! !!*** !!!*!*!!!!!*!!!    * *  !**! *!!*!!!! !!*! !! **   !*! * !*

logo
NTDB id 305324 DWB97 RS05755 WP 145400812.1  VLVGDEDQLPSVGPGQVFKDLIASKTLPRINLTEVYRQQDGSSIIALAHRMKSGQSV.DITERFHDRSFIPCHVDQIPEV  551
NTDB id 355 BSU 27480 NP 390625.1            IIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEV  560
consensus                                    **!!!!!!!!!!!!!!! *!!*!!  *! * !!**!!! *!!!!* !!! !! !  ** *! * *!!!!!*!*  !!*!!
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logo
NTDB id 305324 DWB97 RS05755 WP 145400812.1  VRKVVTNAVSKGYDMSDIQVLAPMYRGNAGIHRLNKVLQEILNPLDTSEQREIQFGDVLFRKGDKVLQLVNRPNDNVFNG   631
NTDB id 355 BSU 27480 NP 390625.1            VEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPK.EKRRELKFGDVVYRTGDKILQLVNQPENNVFNG   639
consensus                                    ! !!! !!* !!!   !!!!!!!!!!! !!!* !! *!!*!!!!* *   !!* !!!!**! !!!*!!!!! !  !!!!!

logo
NTDB id 305324 DWB97 RS05755 WP 145400812.1  DIGVIVGVFWAKENALNKDVVVVDFEGNEITYLKSDLTELTHAYCTSIHKAQGSEFPIVIMPIVKQYYRMLQKPILYTGL   711
NTDB id 355 BSU 27480 NP 390625.1            DIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAI   719
consensus                                    !!! !  *!*!!!!    !* !! !*!!!*!* ! !    !!!!!*!!!! !!!!!!!!**!*!! !!!!! ***!!!**

logo
NTDB id 305324 DWB97 RS05755 WP 145400812.1  TRAKQSLVFLGDADAFNLGLKTEGQV.RLTREKSFLEQYFSTEEVQNENVELTE.ATMFQINPMINMENVTPYDFLEIDN   789
NTDB id 355 BSU 27480 NP 390625.1            TRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSV..QVEEMDAELEALQKELPFSVHDANIGMEGITPFDFMKEEQ   797
consensus                                    !!!!  !* *!* *!   !*!     *! !  !  !  **  !!*  !   !  * *   * * ! !! *!!*!!*  **

logo
NTDB id 305324 DWB97 RS05755 WP 145400812.1  AEKA   793
NTDB id 355 BSU 27480 NP 390625.1            Q...   798
consensus                                     ***
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X non conserved

X similar

X $\geq$ 50% conserved