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logo
NTDB id 220536 GTHT12 RS13405 WP 029760677.1  .MQEQQSLALDGRTFIKGVCLAVIFHNEETLYTVVRIRVEETNEAAAEEEVVVTGYFPRLNEGDVYIFYGQFRQHPRFGR   79
NTDB id 355 BSU 27480 NP 390625.1             MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                     * !**  ! !*  ***!! *  !!*!!*  !!!!****! !! !!  *  ! !!!!!! !*! * ! !!!    !!*!!

logo

NTDB id 220536 GTHT12 RS13405 WP 029760677.1  QYAAEQFRKQLPNTKEGVIDYLSSGLFKGIGKKTATAIVDALGENAIAAILRDPGALERVPKLTKQKAKQLYETLCAHEG   159
NTDB id 355 BSU 27480 NP 390625.1             QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG   160
consensus                                     !* !!*!*! *! !!!!*! !!!! !! !!!!!!! !!  !!* !!  !! !*  !  !!*!*! !!  !   !* ! !

logo

NTDB id 220536 GTHT12 RS13405 WP 029760677.1  LEQTMIALAQLGFGPQLAMKIYQVYGEETMDIIHENPYKLVEDIEGIGFGRADELGRQLGISGSHPARLRAACLFVLEQA   239
NTDB id 355 BSU 27480 NP 390625.1             LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT   240
consensus                                     !!! !! ! ! !!!!!! !!!!! !  !!** !*!!!! !! !*!!!!!!*!!!!!  *!*!! !! !**!!*!* !!

logo

NTDB id 220536 GTHT12 RS13405 WP 029760677.1  CLQEGHVYMKKEELVSRIGELLGGRSNG..AVDGQAIEQTLLMLSEEGKMIAEQGRYYLPSLYFAEKGIASNIRRLLGQT   317
NTDB id 355 BSU 27480 NP 390625.1             CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT   320
consensus                                     !! !!! !*  ! !*    !!      ** *     * ** ! !   ** ! !!*! !!!**!!  *!  ****  !!

logo

NTDB id 220536 GTHT12 RS13405 WP 029760677.1  PPSASFPESEFLLALGALEERLGMQYAPQQKEAIQRALSSPLFILTGGPGTGKTTVIKGIVELFAVLNGISLSPDDYKNG   397
NTDB id 355 BSU 27480 NP 390625.1             EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKD   400
consensus                                     **   !!!!!!!!!!! !!!!* *!!!! !!!!!!*!!!!!* *!!!!!!!!!!!!!*!!!!!** !*!*!! !  !!

logo

NTDB id 220536 GTHT12 RS13405 WP 029760677.1  EPFPVLLAAPTGRAAKRMSEATGLPAATIHRLLGWNGAEGFSHDEHEPIAGKLLVVDEVSMVDTWLANHLLKAVPNGMQV   477
NTDB id 355 BSU 27480 NP 390625.1             EAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQI   480
consensus                                     !*!!**!!!!!!!!!!!!!!! !!!!! !!!!!!!!!!!!!!*! !* !! !!!!**!! !!*! !!!!!! !!*! **!*

logo

NTDB id 220536 GTHT12 RS13405 WP 029760677.1  IFVGDEDQLPSVGPGQVLKDLLESGVIPSVRLTEVYRQAEGSSIIELAHEMKRGNVPADLTAPKADRSFIRCRAGQVASV   557
NTDB id 355 BSU 27480 NP 390625.1             IIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEV   560
consensus                                     ! !!!!!!!!!!!!!!!!!*!!! ! !!!*!!!!**!!!!!!!!!*!!!! !! ! *!  !!!!  !!!!!!! * !*  !
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logo
NTDB id 220536 GTHT12 RS13405 WP 029760677.1  VRQIAENARNKGFSVKDIQVLAPMYRGPAGIDQLNKVLQELFNPPTDGKRELSVGDVVYRVGDKVLQLVNQPEDNVFNGD   637
NTDB id 355 BSU 27480 NP 390625.1             VEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNGD   640
consensus                                     !  *  !!  !!** !!!!!!!!!!!!*!!!  !! *!!** !!! * *!!!  !!!!!! !!!*!!!!!!!! !!!!!!

logo
NTDB id 220536 GTHT12 RS13405 WP 029760677.1  IGEVVAIFYAKENTEKQDLLVVSFDGIEVTYTRQDLAQITHAYCCSVHKAQGSEFPIVILPVVKSYYRMLKRNLLYTAVT   717
NTDB id 355 BSU 27480 NP 390625.1             IGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAIT   720
consensus                                     !!!*  !!!!!!!!!!! !* !!!!!! !*!*!* !  ! !!!!!!!*!! !!!!!!!!*!!!!! !!!!!*!!!!!!!*!

logo
NTDB id 220536 GTHT12 RS13405 WP 029760677.1  RSKQFLILCGEEEAFRFGVAQRGDGARQTALAEKLAAST........ALFVEGELPLEDANIGMENVTPYDFMDDGSS   787
NTDB id 355 BSU 27480 NP 390625.1             RAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDAELEALQKELPFSVHDANIGMEGITPFDFMKEEQQ   798
consensus                                     ! ! !!!!!!!!!!  *!! *     !!! !  *!    ********!!  ! * ***!!!!!!! *!!*!!! *
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X non conserved

X similar

X $\geq$ 50% conserved