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logo

NTDB id 230791 BtSCAC15 RS23400 WP 000528082.1  MGNQHAMDLFEEEKKFIKAQVLHTIFHNEENLYSVVSMKVIETNETYDEKKVMINGHFPRMHEDEVFTLTGHFKDHPKYG   80
NTDB id 355 BSU 27480 NP 390625.1               .MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFG   79
consensus                                       * *!!*  !  !! ***!* ! * !*!!* !!!*!* *!! !! !  **! ! * !*!! **!*! *!  !*   !!!*!

logo

NTDB id 230791 BtSCAC15 RS23400 WP 000528082.1  KQYMVETFKKELPQTKAGMVQYLASDLFKGIGKRTAEKIVDHLGEHAISKIMDDPEALNGVV..NKQKAQEIYETIVEHQ  158
NTDB id 355 BSU 27480 NP 390625.1               LQFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQ  159
consensus                                        !*  !*!!!!*! !! !**!!! !!!! !!!!*!!! !! *!!**!! !!* !*  !  !*** ! !!  *   *  !!

logo

NTDB id 230791 BtSCAC15 RS23400 WP 000528082.1  GLEKVMSFLNGYGFGTKLSIKIYQQYKEMTLEVIRNNPYQLIEEVDGIGFGRADDIGRALGISGNHDDRVRAGCFYTLEN  238
NTDB id 355 BSU 27480 NP 390625.1               GLEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLET  239
consensus                                       !!! *!  !! *!!!* !!*!!!! !   !!! !  !!!!!* *!*!!!!!*!!**!  *!*!!!!**!!*!** !!!!

logo

NTDB id 230791 BtSCAC15 RS23400 WP 000528082.1  VSLQLGHVYMRKDQLVRETMSLLNNQE...GRVTEEDIIGCIETMQSEGKVIIEEERVYLATLFYSEKGVVKSIRRLMNQ  315
NTDB id 355 BSU 27480 NP 390625.1               TCLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQ  319
consensus                                        *!  !! !*  *!!* *! !!!!*  *** !*!! !   *!  *     **!!* !*! **!!! !  ! ! ****  !

logo

NTDB id 230791 BtSCAC15 RS23400 WP 000528082.1  E.ETPSFPEAEVLKTLGEIEEQLNVQYAPFQQEAIQTALHKPMMLLTGGPGTGKTTVIKGIVEMYASLHGLSLNPNEYSD  394
NTDB id 355 BSU 27480 NP 390625.1               TEYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKK  399
consensus                                        *  * !!! ! !  !!!*!! * !!!!! ! !!!! !!* !!*!!!!!!!!!!!!!!*!!!!*!* !!!*!! !  !

logo

NTDB id 230791 BtSCAC15 RS23400 WP 000528082.1  DNPFPILLTAPTGRAAKRMSESTGLPACTIHRLLGWTPEGSFQRNETDPVQGKLLIIDEFSMVDIWLANQLFKSLPTNIQ  474
NTDB id 355 BSU 27480 NP 390625.1               DEAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQ  479
consensus                                       ! *!!!*! !!!!!!!!!!!!!!!!!!*!!!!!!!! *   ! * !  !* !!!!!!!! !!*!!!!!!*!!!  *! *!!

logo

NTDB id 230791 BtSCAC15 RS23400 WP 000528082.1  VIVVGDEDQLPSVGPGQVLKDLLNAGAVPTVKLTEIYRQAEGSSVIQLAHAIKNGTLPPDLAQNKKDRSFISCTGAQIVE  554
NTDB id 355 BSU 27480 NP 390625.1               IIIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKE  559
consensus                                       *!*!!!!!!!!!!!!!!!!!*!!!    *!!!*!!*!!!!!!!!!** !!! *!!! !!* !  * !!!!!! ! ! !! !
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logo
NTDB id 230791 BtSCAC15 RS23400 WP 000528082.1  VVKKVCENAKTKGFSARDVQVLAPMYRGPAGINVLNEALQQVFNPKREKSKEIAYGDVVYRRGDKVLQLVNQPESQVFNG   634
NTDB id 355 BSU 27480 NP 390625.1               VVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNG   639
consensus                                       !! !!* !!  !!**!*!*!!!!!!!!!*!!!! !!  !! * !!**!! *!* *!!!!!! !!!*!!!!!!!! *!!!!

logo
NTDB id 230791 BtSCAC15 RS23400 WP 000528082.1  DIGEIVSVFYAKENVEQQDMIIVSFDGIEVTYTKPDLNQITHAYCCSIHKSQGSEFPIVIMPIVKSYNRMLRRNLIYTGI   714
NTDB id 355 BSU 27480 NP 390625.1               DIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAI   719
consensus                                       !!!!! !*!!!!!! !  !! *!!!!! !*!*!!*! !! !!!!!!!!!!!!!!!!!!!!**!*!! ! !!!!!!!*!!*!

logo
NTDB id 230791 BtSCAC15 RS23400 WP 000528082.1  TRSKKFLIICGEEAAFQSGVNRLDDAMRQTTLASRLQESQGEVQ..........MVTVNGEEMDVENISPYDFM.....   778
NTDB id 355 BSU 27480 NP 390625.1               TRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDAELEALQKELPFSVHDANIGMEGITPFDFMKEEQQ   798
consensus                                       !! !!!!!*!!!! !   !!   !  *!!!*!  !!     !* *********** *!*   * *! !*!*!!!*****
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X non conserved

X similar

X $\geq$ 50% conserved