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logo
NTDB id 188989 BBI15 RS07455 WP 068868986.1  MSGQI.DLFQKESEFVLGRPVVSIFHNPQNLFSIIKVKIQQTNTPYTEKEIIVSGYFPKLSLEEQYKFTGSVKNHPKYGV   79
NTDB id 355 BSU 27480 NP 390625.1            MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                    !  *** !   ! *** ! *   !*!!* !!****!!!*  !  *  *! * !*!!!! !  !! ! ! ! *  !!!*!*

logo
NTDB id 188989 BBI15 RS07455 WP 068868986.1  QFQAETFKKEVPETEQGVVHYLSSDLFNGIGRKTAETIVKKLGSDAIKKILEDPDALDGVPRLSDDKKDTIRSTLQMNLG  159
NTDB id 355 BSU 27480 NP 390625.1            QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG  160
consensus                                    !!!!!*!!!!*!  !  !***!!!!!!! !!!*!!!! !!!!!!  !! !!! !*  !  !!!!!  ! !!*   !! * !

logo
NTDB id 188989 BBI15 RS07455 WP 068868986.1  LERVMIQLNDWGFGPQVGMRIYQAYREETIDILTKNPFQLIEEIEGIGFHRADELGSKLGITGSHPDRIKAAILHVLNQA  239
NTDB id 355 BSU 27480 NP 390625.1            LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT  240
consensus                                    !! *!! !! *!!!!!* !*!!!!!  !!** *  !!*!!* **!!!!!**!!!!!!**!**! !!*!*!!!!!* !

logo
NTDB id 188989 BBI15 RS07455 WP 068868986.1  SLSEGHVYVDAKNLIPLVKQMLEASQREDIPVEAI..SQAAIELNEEGKVAGEETRLYLPSLYYSEVGIATKLETLIAEQ  317
NTDB id 355 BSU 27480 NP 390625.1            CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT  320
consensus                                    *!!!!! !**  *!!*    *!  ! !!  **  *** *! ! ! !   *  !* !*! !!!*! !  *! ** **

logo
NTDB id 188989 BBI15 RS07455 WP 068868986.1  ETRDGFPSSEIRKALGEAEERLGVNYAETQIDAIEKSLNSSVMILTGGPGTGKTTVVRGLVEVYAELHGLPLDPKDYAKK  397
NTDB id 355 BSU 27480 NP 390625.1            EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYK.K  399
consensus                                    !    !! !!   !!!! !!!* !*!!**! *!! ! ! !****!!!!!!!!!!!!*!!*!!*!*!!!!**!!!  ! *!

logo
NTDB id 188989 BBI15 RS07455 WP 068868986.1  KEPFPIILAAPTGRAAKRLSESTELPAMTIHRLLGFNGQEKDEE.TEKEIEGKLIIIDEMSMVDTWLAHQLLKAVPVDAQ  476
NTDB id 355 BSU 27480 NP 390625.1            DEAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQ  479
consensus                                     !*!!!*!!!!!!!!!!!!*!!!!  !!!*!!!!!!!*!! !   ** * *!!!!!*!!!! !!*! !!!**! !!*! * !

logo
NTDB id 188989 BBI15 RS07455 WP 068868986.1  LIFVGDQDQLPPVGPGQVLRDMLASGRIPTVELTEIYRQSSGSSIIELAHQMKAGKLPDNIEAKTSDRSFIRAGADQIPM  556
NTDB id 355 BSU 27480 NP 390625.1            IIIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKE  559
consensus                                    *! !!! !!!!*!!!!!!!!!!*!!!  !!!! !!*!!!!  !!!!*!!!!!!! ! !! !* !*! !!!!!!*!* !!*
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logo
NTDB id 188989 BBI15 RS07455 WP 068868986.1  VVEKVVKSALSKGHTIKDIQVLAPMYKGPAGIDALNQMIQQMVNPNDDGSRKELAFGDITYRIGDKVLQLVNQPESNVFN   636
NTDB id 355 BSU 27480 NP 390625.1            VVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKE.KRRELKFGDVVYRTGDKILQLVNQPENNVFN   638
consensus                                    !!!!!!  !! !!*! !!!!!!!!!!*!*!!!  !! !*! **!!* ** !*!! !!!* !! !!!*!!!!!!!! !!!!

logo

NTDB id 188989 BBI15 RS07455 WP 068868986.1  GDMGEVVAIMKAKETVEKQDVLVVSFDGIEVTYQRSDLNQLTLAYCCSIHKAQGSEFPTVIMPVVRGYMKMLRRNLLYTG   716
NTDB id 355 BSU 27480 NP 390625.1            GDIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTA   718
consensus                                    !!*!!*  !  !!!  !! !* !!!!!! !*!* * ! !! !*!!!!!!!! !!!!!! !**!!!*!! *!!!!!!!!!*

logo

NTDB id 188989 BBI15 RS07455 WP 068868986.1  ITRSRDFLILCGDPGVFRYGVERTDDSSRLTTLADRLGASAEGQADMPPGEAKPVAQQPPESEEAESKSLTQQN.AHRIH   795
NTDB id 355 BSU 27480 NP 390625.1            ITRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDAE....................LEALQKELPFSVHD   779
consensus                                    !!! * !!!!!!**    *!!   ! * ! !*!  !!    !     ******************   !    * * **

logo

NTDB id 188989 BBI15 RS07455 WP 068868986.1  PMIGMEGITPRDFQDA...   811
NTDB id 355 BSU 27480 NP 390625.1            ANIGMEGITPFDFMKEEQQ   798
consensus                                    * !!!!!!!! !!   ***
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X non conserved

X similar

X $\geq$ 50% conserved