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logo
NTDB id 25450 SAOUHSC 01723 YP 500232.1  ....MSDPTLFDYSMIKGTVEAILFQNSDNFYTVLKVDTIETNEDFD.TMPTVVGFLPNIVEGDVYTFKGQVVDHPRYGKQLKAE   80
NTDB id 355 BSU 27480 NP 390625.1        MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGLQFQAE   85
consensus                                *****  * ! * * *!!!!  ****!  ! !!!!!!   !! !  **  **! !* ! * ! * !!! ! *! !!**! !  !!

logo
NTDB id 25450 SAOUHSC 01723 YP 500232.1  TFEKEMPQTKEAIISYLSSDLFKGVGKKTAQNIVNTLGDNAINDILDDHSVLEKVSGLSKKKQKQIAEQISANQESEKIMIRLHD   165
NTDB id 355 BSU 27480 NP 390625.1        HFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQGLEQIMISLNQ   170
consensus                                *! !!*! !!!*!! !!!!!!! !*!!!!!  !!  !!! !!! !! !*!!!  !* !!!!!   *!  *  *!  ! !!! !*

logo
NTDB id 25450 SAOUHSC 01723 YP 500232.1  LGFGPKLSMAIYQFYLGDTLTILDRNPYQLIYDIKGIGFNKADQLARNIGIAYNDNERLKAALLYTLEEECIKQGHTYLPINVVI   250
NTDB id 355 BSU 27480 NP 390625.1        FGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETTCLSEGHTYIETEQLI   255
consensus                                 !!!! !!! !!! !  *!!  *  !!!!!* !* !!!! !!! !*  *!*  !**!!*!!!*!!!!!  !*  !!!!**   *!

logo
NTDB id 25450 SAOUHSC 01723 YP 500232.1  DLTVDVLNYQDEEVI..EPEKLDEMLQYLNEEKRLIIDNEQVAIPSLYYSEIKSVQNLFRIKTHTNKLTEIEQSDLQMHIGEIED   333
NTDB id 355 BSU 27480 NP 390625.1        IDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQTEYENQFPESEFLLALGELEE   340
consensus                                  !  *!!    !  ** *      *  ! ! ! **!*   *  !!!*! !      * *! **!      * !*  ***!!*!*

logo
NTDB id 25450 SAOUHSC 01723 YP 500232.1  ANQVNYAASQKEALQTAINSKVMLLTGGPGTGKTTVIKGIVELYAEIHGLSLDYDDYVN.DDYPVVLAAPTGRASKRLQESTGLE   417
NTDB id 355 BSU 27480 NP 390625.1        RMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKDEAFPIVLAAPTGRAAKRMSESTGLP   425
consensus                                   !*!!*!!!!!*! !* !***!!!!!!!!!!!!!!*!!!!!!*!*!!*!!!*   !   ** *!*!!!!!!!!! !!* !!!!!*

logo
NTDB id 25450 SAOUHSC 01723 YP 500232.1  AMTIHRLIGWNQDTKPEDILENEINARLIIIDEMSMVDTWLFHQFLSAVPLDAQLIFVGDEDQLPSVGPGQVFKDLIESKAIPRV   502
NTDB id 355 BSU 27480 NP 390625.1        AVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQIIIVGDEDQLPSVGPGQVLRDLLASQVIPTV   510
consensus                                !*!!!!!*!!!    * *  ***! **!*!!!! !!*! !! **   !*! * !*! !!!!!!!!!!!!!!! *!!* !  !! !

logo
NTDB id 25450 SAOUHSC 01723 YP 500232.1  NLTEVYRQQDGSSIIELAHRMKLGQKI.DITQRFHDRSFINCQANQIPTVVEKVVTSAVNKGYTMADIQVLAPMYKGNAGIKRLN   586
NTDB id 355 BSU 27480 NP 390625.1        RLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEVVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELN   595
consensus                                 !!**!!! *!!!!*!!!! !! !  ** *! * *!!!!! ! * !!* !!!!!!  !* !!!!  !!!!!!!!!*! !!!  !!
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logo
NTDB id 25450 SAOUHSC 01723 YP 500232.1  QVLQDILNPKKKKDTREIEFGDVVFRKGDKVLQLVNRPNDNIFNGDIGVIVGIFWAKENALNKDVLVVDFEGNEITFTKQDMMELT   671
NTDB id 355 BSU 27480 NP 390625.1        VMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNGDIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFT   680
consensus                                 *!!!!!!!*!   !!* !!!!!*! !!!*!!!!! !  !*!!!!!! !  !!*!!!!   !* !! !*!!!*!!!! !    !

logo
NTDB id 25450 SAOUHSC 01723 YP 500232.1  HAYCTSIHKSQGSEFPIVIMPIVKQYFRMLQRPILYTGLTRAKTSLVLLGDPEAFDIGLKTNGQARLTQLCTLLKNYFNSEDEEM   756
NTDB id 355 BSU 27480 NP 390625.1        HAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAITRAKKFLILCGEEEALEWGVKNNDATVRQ...TSLKNRLSVQVEEM   762
consensus                                !!!!*!!!!!!!!!!!!!**!*!! !*!!! !**!!!**!!!!  !*!*!**!! * !*! !      ***! !!!      !!!

logo
NTDB id 25450 SAOUHSC 01723 YP 500232.1  LENTATNDTGASQTTIDDQVEAPMSSNDSEEVMSDSTKTDTNVLTEATMFKIDPMINMGEITPYDFIER...   825
NTDB id 355 BSU 27480 NP 390625.1        DA................ELE....................ALQKELPFSVHDANIGMEGITPFDFMKEEQQ   798
consensus                                 **************** *!******************* *  ! *   *!* ! !  !!!*!!*  ***
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X non conserved

X similar

X $\geq$50% conserved