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logo
NTDB id 73313 SAP2 RS06230 WP 107377661.1  ....MADPTLFNYSMIKGTVDAILFQNKDNFYTVLKVDTIETNESLDS.MPTVVGFFPEIVEGDVYTFKGQIATHPKYGKQLKAD   80
NTDB id 355 BSU 27480 NP 390625.1          MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEFTYTFYGKIVTHPKFGLQFQAE   85
consensus                                  *****  * !   * *!!!!  ****!  ! !!!!!!  !! ! ** * **! !*!! * ! * !!! ! ! !!!!*! !  !*

logo
NTDB id 73313 SAP2 RS06230 WP 107377661.1  IFEKELPQTKEAIISYLSSDLFKGIGKKTAQNIVNTLGENAIADILNDSQVLSKVPSLSASKQKQIAEQIASNQETEQIIIRLHD  165
NTDB id 355 BSU 27480 NP 390625.1          HFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQGLEQIMISLNQ  170
consensus                                  *! !!*! !!!*!! !!!!!!! !!!!!!!  !!  !!* !!  !! !  !!  !! !!  !   *!  *  *!  !!!*! !*

logo
NTDB id 73313 SAP2 RS06230 WP 107377661.1  LGFGPKLAMNIYQAYLGETLNVVEKTPYQLVYDVKGIGFNKADMLAKNIGIQYNDPERLKAGILYILEEECIKQGHTYLPTQFVL  250
NTDB id 355 BSU 27480 NP 390625.1          FGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETTCLSEGHTYIETEQLI  255
consensus                                   !!!! ! ! !!!!!  !!!  *   !!!!! !! !!!! !!! !*  *!*  !*!!!*!!*!!! !!  !*  !!!!**!  **

logo
NTDB id 73313 SAP2 RS06230 WP 107377661.1  ELVQDILSNPPSEV..IDQSILANQVEQLVNEDKLVQQEAELAIPSLYYSEIKSVQNLYRNFTYTKKLKDIEMSDLLLEIGNIED  333
NTDB id 355 BSU 27480 NP 390625.1          IDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQTEYENQFPESEFLLALGELEE  340
consensus                                     ! *! *** ! **!     !! *  !     *!  ** *  !!!*! !      * *  * !      * !* !! *! *!*

logo
NTDB id 73313 SAP2 RS06230 WP 107377661.1  QNTVSYAESQKEALQTAINSKVMLLTGGPGTGKTTVIKGIVELYAEIHGLSLDYDDYKE.DDYPIVLGAPTGRASKRLAEATGLE  417
NTDB id 355 BSU 27480 NP 390625.1          RMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKDEAFPIVLAAPTGRAAKRMSESTGLP  425
consensus                                     ! !!*!!!!!*! !* !***!!!!!!!!!!!!!!*!!!!!!*!*!!*!!!*  !! ** *!!!!*!!!!!! !!* ! !!!*

logo
NTDB id 73313 SAP2 RS06230 WP 107377661.1  AMTIHRLIGWNQETQPEDILDNEINAKLIIIDEMSMVDTWLFHQFMSAVPLDAQVILVGDEDQLPSVGPGQVFKDLIDSGVIPRV  502
NTDB id 355 BSU 27480 NP 390625.1          AVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQIIIVGDEDQLPSVGPGQVLRDLLASQVIPTV  510
consensus                                  !*!!!!!*!!!     * *  !**! *!!*!!!! !!*! !!  **   !*! * !*!*!!!!!!!!!!!!!!! *!!* ! !!! !

logo
NTDB id 73313 SAP2 RS06230 WP 107377661.1  NLTEVYRQQDGSSIIELAHKIKLGL.PIDITERFHDRNFINCQTEQIPQVVEKVVASAVNKGYDMSDIQVLAPMYKGSAGIKRLN  586
NTDB id 355 BSU 27480 NP 390625.1          RLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEVVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELN  595
consensus                                   !!**!!! *!!!!*!!!! *! !!*!   *! * *!! !! !   !!* !!!!!!! !* !!!   !!!!!!!!!*! !!!   !!
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logo

NTDB id 73313 SAP2 RS06230 WP 107377661.1  QVLQDILNPKIKDTREIAFGEVLFRKGDKVLQLVNRPNDNIFNGDIGVIVGIFWAKENALDKDVLVVDFEGNEITFTRQDLMELT   671
NTDB id 355 BSU 27480 NP 390625.1          VMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNGDIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFT   680
consensus                                   *!!!!!!!*    !!* !!*!**! !!!*!!!!! !  !*!!!!!! !  !!*!!!!    !* !! !*!!!*!!!* !    !

logo

NTDB id 73313 SAP2 RS06230 WP 107377661.1  HAYCTSIHKSQGSEFPIVIMPMVKQYFRMLQKPILYTGLTRAKQSLVFLGDPNAFTIGLKTNGQV.RMTQLCDLLQAYFDSDSGK   755
NTDB id 355 BSU 27480 NP 390625.1          HAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAITRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEE...M   762
consensus                                  !!!!*!!!!!!!!!!!!**!*!! !*!!! ***!!!**!!!!  !* *!** !   !*! !   *! ! !*  !    * ***

logo

NTDB id 73313 SAP2 RS06230 WP 107377661.1  DDDQEDINQQLNSTVTLTESTIYQIDPMINMGQLSPYDFVND...   797
NTDB id 355 BSU 27480 NP 390625.1          DAELEALQ.........KELPFSVHDANIGMEGITPFDFMKEEQQ   798
consensus                                  ! * ! *********** ! *   *!* ! !  **!*!!* ****
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X non conserved

X similar

X $\geq$50% conserved