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logo
NTDB id 37493 BSEL RS12415 WP 013173367.1  ....MADEQNETKTFIQGELIAQVFHAPETLYTVAKIRVKKASDDIDEKEMTVVGPMKPPEKDMVYRFEGSLTEHPLYGRQLQFD   81
NTDB id 355 BSU 27480 NP 390625.1          MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGLQFQAE   85
consensus                                  *****     !  *** ! *   **! *  !!!! !**!   !* !**! **! !* ***  *  ! ! ! *  !! *! ! ! *

logo
NTDB id 37493 BSEL RS12415 WP 013173367.1  SCETVMPETGEGIVLYLSSDRFEGIGRKTAQSIVSVLGESAISKILENRSVLYDVPRMSKKKKETLVSQLQRHQGLEQLMTSLYQ  166
NTDB id 355 BSU 27480 NP 390625.1          HFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQGLEQIMISLNQ  170
consensus                                  **   *! ! !!!* !!!!! !!!!!*!!!  !!  !!*!!! !!!    !! !!! *   ! * !   !  *!!*! !*  !

logo
NTDB id 37493 BSEL RS12415 WP 013173367.1  FGFGVKMALKVYQAYQESALDIMEQNPYRLVEDIEGIGFQKADQIGRKQGLTVNHGDRLKAGLLFCLQEETFSNGHTYIEATELL  251
NTDB id 355 BSU 27480 NP 390625.1          FGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETTCLSEGHTYIETEQLI  255
consensus                                  !!!!* * *!*!!!!    !* *  !!! !! !*!!!!! !!! *! * !!* !!**!*!!**!**!   * ! !!!!!!   !*

logo
NTDB id 37493 BSEL RS12415 WP 013173367.1  VLADQLLSAGVTE..PIDESSLSQQLLELEEEDKIRYENGRCFVPSLYHAERGIVTHMDRLLNRMEQVDQFPEAEIYKALGEVEE  334
NTDB id 355 BSU 27480 NP 390625.1          IDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQTEYENQFPESEFLLALGELEE  340
consensus                                  *    !!      !***! !    * ** ! !   !  ! !!!* !!!**!!  *  ** **    !   !!!! !   !!!!*!!

logo
NTDB id 37493 BSEL RS12415 WP 013173367.1  ELGITYAESQREAVFTGLHSPVMILTGGPGTGKTTVIEGIVKVFGRLKGVSVDPAEYGKKDGPFPIVMAAPTGRAAKRMTESTGL  419
NTDB id 355 BSU 27480 NP 390625.1          RMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYK.KDEAFPIVLAAPTGRAAKRMSESTGL  424
consensus                                   * * !!*!!*!!*  *!*!!***!!!!!!!!!!!!! !!! **! !*!!!*!!   ! *!! *!!!!*!!!!!!!!!!!*!!!!!

logo
NTDB id 37493 BSEL RS12415 WP 013173367.1  PASTIHRLLGYKGENEGYFEKDDDDPIDGELLIIDEVSMVDTWLMNQLLKATPTWMQVIFVGDEDQLPSVGPGQVLEDLLASDAA  504
NTDB id 355 BSU 27480 NP 390625.1          PAVTIHRLLGWNGAE..GFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQIIIVGDEDQLPSVGPGQVLRDLLASQVI  507
consensus                                  !! !!!!!!!* !  ** ! * *! !!*! !!!!!! !!*! !! !*! !! ! **!*! !!!!!!!!!!!!!!!! !!!!!

logo
NTDB id 37493 BSEL RS12415 WP 013173367.1  PNVRLVDIFRQEEGSRIIDFSHQIKESRLPPEGIDTSNKDLRFFPCQTQGVQTIVRQVCEGAVKKGYHARDIQVLAPMYKGEAGV  589
NTDB id 355 BSU 27480 NP 390625.1          PTVRLTDIYRQAEGSSIVELAHQMKNGLLP.NNLTAPTKDRSFIRCGGSQIKEVVEKVVANALKKGYTAKDIQVLAPMYRGKAGI  591
consensus                                  ! !!! !!*!! !!! !**  !!*!   !!*  *  * !!  ! *!    *  *!  !*  !*!!!!*!*!!!!!!!!!*! !!*
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logo
NTDB id 37493 BSEL RS12415 WP 013173367.1  DALNVMLQNLFNPKRERVREVQFGEVTYRVGDMVLQLINDPENNVFNGDRGEIVSIIRAKETVEKVMKITISFNGEEVDYERNDL   674
NTDB id 355 BSU 27480 NP 390625.1          NELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNGDIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDF   676
consensus                                    !!!!!! * !!**!* !!* !!*! !! !! *!!!*! !!!!!!!!! !!! !!  !!!  !!     *!! ! !* * * !

logo
NTDB id 37493 BSEL RS12415 WP 013173367.1  NMITHAYCCTIHKSQGSEFPIVVMPVVKSYWRMLRKKLIYTGATRAKGYLILCGEWDALEKAVVTGEETLRRTTLKERLLSVVPA   759
NTDB id 355 BSU 27480 NP 390625.1          NQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAITRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEE   761
consensus                                  !  !!!!!!*!!!!!!!!!!!!!!*!!!!! !*!!!!* !*!!* !!!! *!!!!!! *!!! *!   * !*! !*!! !!   !*

logo
NTDB id 37493 BSEL RS12415 WP 013173367.1  KEKEEGR............................   766
NTDB id 355 BSU 27480 NP 390625.1          MDAELEALQKELPFSVHDANIGMEGITPFDFMKEEQQ   798
consensus                                   * !   ******************************
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X non conserved

X similar

X $\geq$50% conserved