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logo
NTDB id 158634 AOB58 RS01760 WP 064782872.1  ....MEDPTLFNNSMIKGTVDAILFQNKENFYTVLKVDTIETNEDFVS.MPTIVGFFPEIAEGDVYTFKGQVVTHSKYGK   75
NTDB id 355 BSU 27480 NP 390625.1            MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                    ****** * !   * *!!!!  ****!  ! !!!!!!  !! !    * *** !*!! * ! * !!! ! *!!!*!*!

logo
NTDB id 158634 AOB58 RS01760 WP 064782872.1  QLKAETFEKELPQTKEAIISYLSSDLFKGIGKKTAQSIVNKLGENAISDILNDPAVLEKVPSLPKKKQKQIAEQIASNQE  155
NTDB id 355 BSU 27480 NP 390625.1            QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG  160
consensus                                    !  !!*! !!*! !!!*!! !!!!!!! !!!!!!!  !! !!!* !!  !! !* !!  !! !*!!!   *!  *  *!

logo
NTDB id 158634 AOB58 RS01760 WP 064782872.1  TEQIIIRLHDLGFGPKLAMAIYQAYLGETLKVVENTPYQLVYDVKGIGFNKADALARNVGIQFNDDERLKAGLLYVLEEE  235
NTDB id 355 BSU 27480 NP 390625.1            LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT  240
consensus                                     !!!*! !*  !!!! ! ! !!!!!  !!!  *   !!!!! !! !!!! !!! !*  *!*  !**!!*!!**!! !!

logo
NTDB id 158634 AOB58 RS01760 WP 064782872.1  CIKQGHTYLPTNNVMEMTQDMLSQPPAEMVDA..QQLINVLQDLVNDTKLIQQENEVAIPSLYYSELKSVQNLYRNFTHT  313
NTDB id 355 BSU 27480 NP 390625.1            CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT  320
consensus                                    !*  !!!!**! ***  !! *! !** !    **    ! *  !     **  *  *  !!!*! !      * *  **!

logo
NTDB id 158634 AOB58 RS01760 WP 064782872.1  NKLKEIEQSELLLEIGEIENRNEVTYADSQRDALQTAINTKIMLLTGGPGTGKTTVIKGIVELYAEIHGLSLDYDDYQN.  392
NTDB id 355 BSU 27480 NP 390625.1            EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKD  400
consensus                                          * !! !! *!!*! ! *! !!*!!**!*! !* ****!!!!!!!!!!!!!!*!!!!!!*!*!!*!!!*  !  *

logo
NTDB id 158634 AOB58 RS01760 WP 064782872.1  DDYPVVLAAPTGRASKRLAESTGLEAMTIHRLIGWNQDTQPEDILENEISAKLIIIDEMSMVDTWLFHQFLSAVPIDAQV  472
NTDB id 355 BSU 27480 NP 390625.1            EAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQI  480
consensus                                    * *!*!!!!!!!!!! !!* !!!!!*!*!!!!!*!!!    * *  ***! *!!*!!!! !!*! !! **   !*! * !*

logo
NTDB id 158634 AOB58 RS01760 WP 064782872.1  ILVGDEDQLPSVGPGQVFKDLIDSKVIPRVNLTEVYRQQYGSSIIELAHRMKLGEAI.DITQRFHDRNFIKCTTEQIPTV  551
NTDB id 355 BSU 27480 NP 390625.1            IIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEV  560
consensus                                    !*!!!!!!!!!!!!!!!! *!!* ! !!! ! !!**!!!  !!!!*!!!! !! !  ** *! * *!! !!*!   !!* !
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logo
NTDB id 158634 AOB58 RS01760 WP 064782872.1  VEKVVTSAVNKGYDMSDIQVLAPMYKGSAGIKKLNTVLQDILNPKDKDTREIEFGDVVFRKGDKVLQLVNRPSDNIFNGD   631
NTDB id 355 BSU 27480 NP 390625.1            VEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNGD   640
consensus                                    !!!!!  !* !!!   !!!!!!!!!*! !!!  !! *!!!!!!!*    !!* !!!!!*! !!!*!!!!! !  !*!!!!

logo
NTDB id 158634 AOB58 RS01760 WP 064782872.1  IGVIVGIFWAKENALNKDILVVDFEGNEITFVRKDLLELTHAYCTSIHKSQGSEFPIVIMPMVKQYFRMLQKPILYTGLT   711
NTDB id 355 BSU 27480 NP 390625.1            IGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAIT   720
consensus                                    !! !  !!*!!!!   !* !! !*!!!*!! *!!   !!!!!*!!!!!!!!!!!!!**!*!! !*!!! ***!!!**!

logo
NTDB id 158634 AOB58 RS01760 WP 064782872.1  RAKQSLIFLGDPQAFDIGLKTHGQV.RMTQLCTFLKTYFNNEVTEDAEDSIAISKTIDADIILTEDTIFKINPMINMGDI   790
NTDB id 355 BSU 27480 NP 390625.1            RAKKFLILCGEEEALEWGVKNNDATVRQTSLKNR....LSVQVEEMDAELEA.........LQKELPFSVHDANIGMEGI   787
consensus                                    !!!  !! *!** ! * !*! *   *! ! !*  ****   ! !   *  !**********  ! *   * * ! !  !

logo
NTDB id 158634 AOB58 RS01760 WP 064782872.1  SPYDFVED...   798
NTDB id 355 BSU 27480 NP 390625.1            TPFDFMKEEQQ   798
consensus                                    *!*!!* ****
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X non conserved

X similar

X $\geq$ 50% conserved