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logo
NTDB id 280886 C7J89 RS07810 WP 103294718.1  ....MADSTLFNYSMVKGTVDAILFQNKDNFYTVLKVDTIESNETFD.SMPTVVGFFPEVVEGDVYTFKGQVATHPKYGK   75
NTDB id 355 BSU 27480 NP 390625.1            MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                    *****    !   * *!!!!  ****!  ! !!!!!!   !* !  **  **! !*!! * ! * !!! ! * !!!!*!

logo
NTDB id 280886 C7J89 RS07810 WP 103294718.1  QLKAETFEKELPQTKEAIVSYLSSDLFKGIGKKTAQNIVNALGENTISDILNDATVLEKVPGLPKKKQQQIAEQIASNQE  155
NTDB id 355 BSU 27480 NP 390625.1            QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG  160
consensus                                    !  !!*! !!*! !!!*!* !!!!!!! !!!!!!!  !!  !!*  !  !! !!*!!  !! !*!!!   *!  *  *!

logo
NTDB id 280886 C7J89 RS07810 WP 103294718.1  TERIIIRLHDLGFGPKLAMNIYQTYLGETLNVIEKSPYQLVYDVKGIGFNKADVLAKNIGIQYNDPERIKAGILYLLEEE  235
NTDB id 355 BSU 27480 NP 390625.1            LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT  240
consensus                                     ! !*! !*  !!!! ! ! !!! !  !!!  !   !!!!! !! !!!! !!! !*  *!*  !*!!!*!!*!!! !!

logo
NTDB id 280886 C7J89 RS07810 WP 103294718.1  CIKQGHTYLPSQFLIDNVQDMLSNPPAEEIERKQIE..AQIDQLVNDSKLIQQEDQFAIPSLYYSEIKSVQNLYRNFTYT  313
NTDB id 355 BSU 27480 NP 390625.1            CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT  320
consensus                                    !*  !!!!***  !!   ! *! *** !      ****  !  !     **  *  *  !!!*! !      * *  * !

logo
NTDB id 280886 C7J89 RS07810 WP 103294718.1  KKLKDIETSELLLEIGDIEDKNNVSYAESQREALQTAINSKVMLLTGGPGTGKTTVIKGIVELYAEIHGLSLDYDDYKE.  392
NTDB id 355 BSU 27480 NP 390625.1            EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKD  400
consensus                                          * !! !! *!**!**  ! !!*!!*!!*! !* !***!!!!!!!!!!!!!!*!!!!!!*!*!!*!!!*  !! *

logo
NTDB id 280886 C7J89 RS07810 WP 103294718.1  DDYPIVLGAPTGRASKRLSESTELEAMTIHRLIGWNQDTQPEDILDNEINAKLIIIDEMSMVDTWLFHQFMSAVPIDAQI  472
NTDB id 355 BSU 27480 NP 390625.1            EAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQI  480
consensus                                    * *!!!!*!!!!!! !!*!!!! !*!*!!!!!*!!!    * *  !**! *!!*!!!! !!*! !! **   !*! * !!

logo
NTDB id 280886 C7J89 RS07810 WP 103294718.1  VLVGDEDQLPSVGPGQVFKDLIDSKVIPRVNLTEVYRQQEGSSIIELAHRIKLNQH.VDITQRFHDRNFINCSTEQIPEV  551
NTDB id 355 BSU 27480 NP 390625.1            IIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEV  560
consensus                                    **!!!!!!!!!!!!!!! *!!* ! !!!  ! !!**!!! !!!!!*!!!! *!   **  *! * *!! !! !   !!*!!
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logo

NTDB id 280886 C7J89 RS07810 WP 103294718.1  VDKVVNSAVSKGYDMSDIQVLAPMYKGSAGIKKLNSVLQGILNPKDKDTREIEFGEVLFRKGDKVLQLVNRPNDNIFNGD   631
NTDB id 355 BSU 27480 NP 390625.1            VEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNGD   640
consensus                                    !*!!!  !* !!!   !!!!!!!!!*! !!!  !! *!! !!!!*   !!* !!*!**! !!!*!!!!! !  !*!!!!

logo

NTDB id 280886 C7J89 RS07810 WP 103294718.1  IGVIVGIFWAKENALDKDVVVVDFEGNEITFTRQDLMELTHAYCTSIHKSQGSEFPIVIMPMVKQYYRMLQKPILYTGLT   711
NTDB id 355 BSU 27480 NP 390625.1            IGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAIT   720
consensus                                    !! !  !!*!!!!   !* !! !*!!!*!!!* !   !!!!!*!!!!!!!!!!!!!**!*!! !!!!! ***!!!**!

logo

NTDB id 280886 C7J89 RS07810 WP 103294718.1  RAKQSLVFLGDPQAFDLGLKTNGQV.RMTQLCSLLQAYFNNDEDEAQADAKEVNNSFDASIELSETTIYKIDPMINMGQM   790
NTDB id 355 BSU 27480 NP 390625.1            RAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEE....MDAELEALQ.........KELPFSVHDANIGMEGI   787
consensus                                    !!!  !* *!** ! * !*! !   *! ! !*  !      ****  !*   *********** ! *   *!* ! !  *

logo

NTDB id 280886 C7J89 RS07810 WP 103294718.1  SPYDFVND...   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