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logo
NTDB id 996807 NSS89 RS12390 WP 346206404.1  ........MQQEERYIKGRPIVTIFHNEQNLYTVLRIRVDESNEAGVNKDAVVTGYFPRLYEEETYIFYGKFTDHPKYGP   72
NTDB id 355 BSU 27480 NP 390625.1            MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                    ********   !!*!*!! *   !*!!* !!!!!!***! !* !!   !   !!!!!! ! !!!!! !!!!   !!!*!*

logo
NTDB id 996807 NSS89 RS12390 WP 346206404.1  QFQVDHFRKDLPKTKQGVVQYLSSELFKGIGKKTAENIVDVLGENAIERIMKQPSLLDTVPKLAADKAKLLHEKLIEYQG  152
NTDB id 355 BSU 27480 NP 390625.1            QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG  160
consensus                                    !!! *!!*!**! !! !**!!!!!*!! !!!!!!!! !!  !!* !! *!*  *!*!  !!*!   !!  !*  !  *!!

logo
NTDB id 996807 NSS89 RS12390 WP 346206404.1  LENIMVGLNQYGFGPQLSMRIYQTYKEHTLEIVENNPYKLVEDIEGIGFGRADELGFKLGMKGNHPDRVKAGCLYTLETD  232
NTDB id 355 BSU 27480 NP 390625.1            LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT  240
consensus                                    !!*!!* !!!*!!!!!!!!*!!! !  *!!! *  !!! !! !*!!!!!!*!!!!! **!* !!!!*!!!!**!!!!!!

logo
NTDB id 996807 NSS89 RS12390 WP 346206404.1  CIQQGHCYLEKKTFIPTVKKLLESNQP..VEIFPEEIEHELLKLEEEGKIVIDEERVFLPSIFYSEKGLVTNIKRILAQK  310
NTDB id 355 BSU 27480 NP 390625.1            CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT  320
consensus                                    !*  !!*!*!   !*   !!   ***  ! * *  * ** ! !  !!!** !** !!*!! !  *   *!*!  !

logo
NTDB id 996807 NSS89 RS12390 WP 346206404.1  EFEDGFPESEFLLALGSLEERLGIQYAPSQREAIQTALSSPMLILTGGPGTGKTTVIKGIVELYGELHGCSLDPKDYKKD  390
NTDB id 355 BSU 27480 NP 390625.1            EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKD  400
consensus                                    !*!  !!!!!!!!!!! !!!!* *!!!!!!*!!!! !!!!!!!*!!!!!!!!!!!!!*!!!!!!!!!!!*!!!!  !!!!

logo
NTDB id 996807 NSS89 RS12390 WP 346206404.1  EVFPFVLAAPTGRAAKRMAESTGLPAVTIHRLLGWNGTETFDYNEDNPIEGKIVIIDEMSMVDIWLAHHLFKALPAHVQV  470
NTDB id 355 BSU 27480 NP 390625.1            EAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQI  480
consensus                                    ! !! !!!!!!!!!!!!! !!!!!!!!!!!!!!!!!! ! ! * !!*!!!!!**!!!! !!*!!!!!*!!!!!*! !*!*

logo
NTDB id 996807 NSS89 RS12390 WP 346206404.1  ILVGDEDQLPSVGPGQVLKDLLASERIPTVRLTDIYRQESGSSIIQLAHAIKNGTIPEDLRNQQKDRSFISCRTTQVADV  550
NTDB id 355 BSU 27480 NP 390625.1            IIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEV  560
consensus                                    !*!!!!!!!!!!!!!!!!!*!!!!!  !!!!!!!!!!!!  !!!!* !!! *!!! *!  !  * !!!!!! !  *!* *!
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logo
NTDB id 996807 NSS89 RS12390 WP 346206404.1  VKQVVGHAINKGYTPKDIQVLAPMYRGPAGIDELNILLQEILNGTNKEKRRELNFGDHTYRVGDKVLQLINQPDKNIFNG  630
NTDB id 355 BSU 27480 NP 390625.1            VEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNP.PKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNG  639
consensus                                    !  !!**!* !!!!*!!!!!!!!!!!!*!!!  !!!**!!*!!!***!!!!!!! !!!* !! !!!*!!!*!!!* !*!!!

logo
NTDB id 996807 NSS89 RS12390 WP 346206404.1  DIGEIVAIFYAKETEEKVDQLVVSFDGNEVTYPRQDLHQITLAYCCSIHKSQGSEFPIVILPIVRGYHRMLRRNLIYTAI  710
NTDB id 355 BSU 27480 NP 390625.1            DIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAI  719
consensus                                    !!!!!  !!!!!!  !! !  !!!!!!!!*!*** ! *! !*!!!!!!!!!!!!!!!!!*!!*!*!!*!!!!!!!*!!!!

logo
NTDB id 996807 NSS89 RS12390 WP 346206404.1  TRSKEKLILCGEEDAFRTAVYRTDDNMRNTTLKKRLLQEINGNHTPDIGVVKEDMSYEERLMNTDPMVGMENISPYDFMI  790
NTDB id 355 BSU 27480 NP 390625.1            TRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDA.....ELEALQKELPFSVHDANIGMEGITPFDFMK  794
consensus                                    !! !  !!!!!!!*!   *!   !  *!*!*!! !!   *   * *****  ! *  ! *   *!* *!!! !*!*!!!

logo
NTDB id 996807 NSS89 RS12390 WP 346206404.1  EDRAEYLS   798
NTDB id 355 BSU 27480 NP 390625.1            EEQQ....   798
consensus                                    !*  ****
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X non conserved

X similar

X ≥ 50% conserved