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logo

NTDB id 1027070 AB3N04 RS07385 WP 368505457.1  .MMTDEQLTLAEENGIERGYIKGEVLHLVFRNEENAYTVALVRVDETNEELKDKKIAVVGILPQLDVAETFLFFGTVTEH   79
NTDB id 355 BSU 27480 NP 390625.1              MQQHPDQL.....KLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTH   75
consensus                                      *  ***!!*****   ! *!*!! ! *****!* ! !!!  !*! !! ! * !! * ! ! ! !!* !*! * !

logo

NTDB id 1027070 AB3N04 RS07385 WP 368505457.1  PRFGKQYQIDQFRRDLPQTKSGIILYLASDRFPGIGKKTAEAIVDTLGERAITRIVEDRAVLKVVPKLSKEKADQLYQQL   159
NTDB id 355 BSU 27480 NP 390625.1              PKFGLQFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGAL   155
consensus                                      !*!! !*! **!****! !! !!! !! !! !*!!!!!!!! !!  !!* !! *!* !  !!  !!*!!! !!! !   !

logo

NTDB id 1027070 AB3N04 RS07385 WP 368505457.1  VDQQGVEQVLMTLSKHGFGLELSMKVYQAYGFQALDIIQTNPYQLIADVEGIGFRKADLLGAAIGLTGSHPERIRAGLLF   239
NTDB id 355 BSU 27480 NP 390625.1              QRHQGLEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILY   235
consensus                                        *!!*!!****!  *!!!* !!!!*!!!!    !* !! !!!!!* !!!!!!! !!! !!  *!!*! !!!!**!**!*

logo

NTDB id 1027070 AB3N04 RS07385 WP 368505457.1  VVQELCLQDGHVFLDKDSLIPHVRSLLSS...PGDVITAEEIEHELLSMEEDDALVIEDNRVYVKSLYFAEKGIVSSVRR   316
NTDB id 355 BSU 27480 NP 390625.1              TLETTCLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKH   315
consensus                                       *   !! *!! *** * !!**  !!!  ****!  !!  *  * ** * !   *!!!! !*! *!!**!!  *   !**

logo

NTDB id 1027070 AB3N04 RS07385 WP 368505457.1  LA.ATEVKDEFPESEFLKTLGQLEEELKIEYAPQQKEAIQTALSSPFMLLTGGPGTGKTTVIKGIVETYARLNGLSLDPR   395
NTDB id 355 BSU 27480 NP 390625.1              IASQTEYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPS   395
consensus                                      *!* !!    !!!!!!!  !! !!! * * !!! !!!!!! !!!!! *!!!!!!!!!!!!!!*!!!! !* !*!*!!!!

logo

NTDB id 1027070 AB3N04 RS07385 WP 368505457.1  AYSKSNPFPILLVAPTGRAAKRMSESTGLPAVTIHRLLGWKGGNGGFEKGEHEQLEGELIIVDEVSMVDIWLANQLLKAI   475
NTDB id 355 BSU 27480 NP 390625.1              AYKKDEAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAE.GFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAI   474
consensus                                      !! !  *!!!*! !!!!!!!!!!!! ! !!!!!!!!!!!! !* *!! * !* **!! !*!*!! !!*!!!!!!*! !!!

logo

NTDB id 1027070 AB3N04 RS07385 WP 368505457.1  PKGMQIVFVGDQDQLPSVGPGQVLKDFLDSEVVPTVPLTAIYRQKEGSSIIELAHDMKQGKMPNDLPEAKADRRFFPCTN   555
NTDB id 355 BSU 27480 NP 390625.1              PDHIQIIIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGG   554
consensus                                      ! **!!* !!! !!!!!!!!!!!!!*! ! ! !*!!!*!! !!!! !!!!!*!!!! !!*! *!! !* *  !! ! *!
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logo
NTDB id 1027070 AB3N04 RS07385 WP 368505457.1  DHVQHVVTQICENAMKKGYLARDIQVLAPMYKGQAGITELNRILQELFNPKTEQKRELLYGDLAYRTGDVVLQLVNNPDE   635
NTDB id 355 BSU 27480 NP 390625.1              SQIKEVVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPEN   634
consensus                                       ** *!!  ** !!*!!!! !*!!!!!!!!!*! !!! !!! *!!** !!* ! *!!! *!!* !!!!! *!!!!!*!*

logo
NTDB id 1027070 AB3N04 RS07385 WP 368505457.1  NVYNGDRGEIVAIFYAKENTEKQDQVVISFDGTEVVYNKKDLNQITHAYCCSIHKSQGSEFPIVVMPVVRNYSRMLRRNL   715
NTDB id 355 BSU 27480 NP 390625.1              NVFNGDIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNL   714
consensus                                      !!*!!! !!!  !!!!!!!!!! !  !*!!!! !* * !!! !! !!!!!!!!!!!!!!!!!!!!*!!!* ! !!!!!!!

logo
NTDB id 1027070 AB3N04 RS07385 WP 368505457.1  LYTGITRAKKFLLLCGELKSFHTAVTREDELIRHSMLKDKLVALKET.QSDFQNGNGRLT....................   774
NTDB id 355 BSU 27480 NP 390625.1              LYTAITRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDAELEALQKELPFSVHDANIGMEGITPFDFMK   794
consensus                                      !!!*!!!!!!!!*!!!!    * *!   !  *!** !! *!    ! *  *    *  !********************

logo
NTDB id 1027070 AB3N04 RS07385 WP 368505457.1  ....   774
NTDB id 355 BSU 27480 NP 390625.1              EEQQ   798
consensus                                      ****
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X non conserved

X similar

X ≥ 50% conserved