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logo
NTDB id 75029 St703 RS09950 WP 152080589.1  MEQTTMDLFSDQTNSVKGEPIRIVFQNSDNGYTVMIVRINETTEPINEKEITMVGFFPTIHLYETYQFAGKLKTHPRYGQQYEVE   85
NTDB id 355 BSU 27480 NP 390625.1           MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGLQFQAE   85
consensus                                   ! !**  !  *  * *!! *  ****!  ! !!!* !** !!*!*! *! *** !*!! **  !!! ! !!* !!!**! !*  !

logo
NTDB id 75029 St703 RS09950 WP 152080589.1  TYRKMLPKSKSGVISYLSGDLFPGIGKKTAEMIVGELGEHAISDILNDPSCLERVPKLDKDKRSMIADTLLKNEGLEKILIGLSD   170
NTDB id 355 BSU 27480 NP 390625.1           HFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQGLEQIMISLNQ   170
consensus                                   ***! *! *! !*! !!! !!!*!!!!!!!! !!  !!**!!  !! !*!*!  !!*! ! !   *!  ! ** !!! !*! !

logo
NTDB id 75029 St703 RS09950 WP 152080589.1  YGFGSQLATKIYQVYGNDSLEVIAENPYQLIQDIEGIGFQRADELAASLGISGNHPERIQAAYLYWLNERAMNDGHVFMPEQATI   255
NTDB id 355 BSU 27480 NP 390625.1           FGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETTCLSEGHTYIETEQLI   255
consensus                                   *!!!*!!  !!!! !  **!! ! !!!!!!* !*!!!!! *!!!!*  *!*!!!!!!!* !! !! !   ** *!! ***    !

logo
NTDB id 75029 St703 RS09950 WP 152080589.1  SEVQRLLSSK....ESIDEADLIHEIDVLEEDGKLIREDDQLYLPQLYYAEKGIVTGIQKLVEQ.DAEDEYSESEFLKALGKVED   335
NTDB id 355 BSU 27480 NP 390625.1           IDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQTEYENQFPESEFLLALGELEE   340
consensus                                    * ! !!   ****  ! ! !  * !  ! !   ** !!  *! ! !*!!!  *   * **  !** !  **!!!!! !!! *!*

logo
NTDB id 75029 St703 RS09950 WP 152080589.1  KLSMQYAESQQQAIREAIQSPIMILTGGPGTGKTTVIQGIVEVYAELNSCSLDPKDYDEDHPYPVLLVAPTGRAAKRMKESTGLP   420
NTDB id 355 BSU 27480 NP 390625.1           RMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKDEAFPIVLAAPTGRAAKRMSESTGLP   425
consensus                                   ** *!!!*!!  !!  !* !!***!!!!!!!!!!!!! !!!!*!*!!* *!!!!  !  !***!**! !!!!!!!!!! !!!!!!

logo
NTDB id 75029 St703 RS09950 WP 152080589.1  AVTIHRLLGWNGGSGYAHDENDPIEGKLLIVDEMSMVDLWLANQLLKSLPDEMKMVIVGDEDQLPSVGPGQVLSDLIQSDAVPVI   505
NTDB id 355 BSU 27480 NP 390625.1           AVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQIIIVGDEDQLPSVGPGQVLRDLLASQVIPTV   510
consensus                                   !!!!!!!!!!!!* !* ! !  !!!!!!!!*!! !!*!*!!!!*! ! *!!** **!!!!!!!!!!!!!!!!! !!* !  *! *

logo
NTDB id 75029 St703 RS09950 WP 152080589.1  RLTAIFRQAQGSSIIELAHEIKEGKAV.DVAEPRKDRRFFKCHQNQVIDVICKVAAGAQKKGYPPRDIQVLAPIYRGNAGIEQIN   589
NTDB id 355 BSU 27480 NP 390625.1           RLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEVVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELN   595
consensus                                   !!!  !*!!! !!!!*!!!! *!  !   ** *   ! !!! ! *!*  !* *!**!! ! ! !!!!***!!!!!!!*!!! !!!   *!
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logo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 75029 St703 RS09950 WP 152080589.1  RSLQELFNPKNDQKRELTYGDHIFRVHDKVLQLVNNPDEQVFNGDIGEISAIFRAKETTDKEDTVIVTFDSSVEVKYLKHDLNQL   674
NTDB id 355 BSU 27480 NP 390625.1           VMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNGDIGEITSIFYAKENTEKEDMAVVSFDGN.EMTFTKKDFNQF   679
consensus                                     !!** !!* * *!!! *!!***! *!!*!!!!!*!* *!!!!!!!!!* !! !!! !*!!!  *!*!!  *!* * !*! !!

logo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 75029 St703 RS09950 WP 152080589.1  TLAYCCSIHKAQGSEFPIVILPIVKGYHRMLKRNLIYTAVTRSKDSLVLCGDVEAFNQAVSSNDVDQRNSNLARKIGERLHLIEE   759
NTDB id 355 BSU 27480 NP 390625.1           THAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAITRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDA   764
consensus                                   !*!!!!!!!! !!!!!!!!*!!*!!!!*!!!*!!!*!!!*!! !  !*!!!* !!   *!  !!   !** !  **   ** **

logo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 75029 St703 RS09950 WP 152080589.1  SEPQLHPDEPEFDKPTEAESAPIAKD.............   785
NTDB id 355 BSU 27480 NP 390625.1           ELEALQKEL.....PFSVHDANIGMEGITPFDFMKEEQQ   798
consensus                                     * !*** *****!   * !*!* **************
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X non conserved

X similar

X $\geq$50% conserved