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logo
NTDB id 1044269 ACEPXG RS10955 WP 391202067.1  ....MTNEMNNEKQFITGRPIVSIFHNPQNLFSIIKLKIKSTNTTYIEKEIIVTGYFPQLVLEESYKFTGLVKNHPKYGV   76
NTDB id 355 BSU 27480 NP 390625.1              MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                      ***** *     ! *** ! *   !*!!* !!****!*!*  !      *! * !!!!!! !  !!*! ! ! *  !!!*!*

logo

NTDB id 1044269 ACEPXG RS10955 WP 391202067.1  QFQVETFQKEVPATEQGIVHYLSSDMFPGIGRKTAEQIVKKLGQNAINRILDDPAVLDIIPRLAEDKKQTLRAVLEQNLG  156
NTDB id 355 BSU 27480 NP 390625.1              QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG  160
consensus                                      !!! !*! !!*! !  !!**!!!!!*!*!!!*!!!! !!!!!!  !!!*!! !* !!  *!!!   !  !! * !  * !

logo

NTDB id 1044269 ACEPXG RS10955 WP 391202067.1  LEKVMIQLNEWGFGPQIAMKIYQAYREETIDVLTKNPYRLIEEVEGVGFIRADELGYKLGIQGNHPDRIKAAIFHLLQSA  236
NTDB id 355 BSU 27480 NP 390625.1              LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT  240
consensus                                      !! *!! !! *!!!!!* !!!!!!!  !!** *  !!! !* *!!!*!! *!!!!! **!* !!!!*!*!!!! * ! *

logo

NTDB id 1044269 ACEPXG RS10955 WP 391202067.1  SLSEGHVFLYAEQLLESVKRLLESAQREEITFEA..ITKCCFELAEESRIIGEVNRFYIPSLYFSEVGISSKIETLLNEN  314
NTDB id 355 BSU 27480 NP 390625.1              CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT  320
consensus                                      *!!!!! **  !!!*     !!    !!      **   **  !*!   !* !  !*! !!!** !  *  ** **

logo

NTDB id 1044269 ACEPXG RS10955 WP 391202067.1  DTHHKFPLAEMKKHLGGIEERLGVQYATTQVKAIETAINASMTLLTGGPGTGKTTVVRGIVELYAELHGLSLEPKEWAKD  394
NTDB id 355 BSU 27480 NP 390625.1              EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKD  400
consensus                                      * ** !!   !    *!! *!!!* !!!!**!  !!   !*  *! !!!!!!!!!!!!!*!!!!!!!*!!!!*!!*!   * !!

logo

NTDB id 1044269 ACEPXG RS10955 WP 391202067.1  KKPFPVVLAAPTGRAAKRLSESTGLPAMTIHRLLGFNGQEDA.DSEGKEIEGKLIIIDETSMLDTWLGHQLLKAIPKDAQ  473
NTDB id 355 BSU 27480 NP 390625.1              .EAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQ  479
consensus                                      * *!!*!!!!!!!!!!!!!*!!!!!!!!*!!!!!!!*!!  !   ***!  *!!!!!*!!!!  !!!!  !!***! !!!!  * !

logo

NTDB id 1044269 ACEPXG RS10955 WP 391202067.1  VIFVGDQDQLPPVGPGQVLKDLLASKRIPTVELIDIYRQSEGSSIIELAHEMKKGTVPQTLLDKTKDRSFIKASTEQIPK  553
NTDB id 355 BSU 27480 NP 390625.1              IIIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKE  559
consensus                                      *! !!! !!!!*!!!!!!!*!!!!!  !!!! ! !!!!! !!!!!*!!!! !! ! *!* !  *!!!!!!!**   !!*
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logo

NTDB id 1044269 ACEPXG RS10955 WP 391202067.1  VVEQVLKSALAKGHSIRDIQVLAPMYRGPAGIDALNKMMQEMVNPNTDGKRKEMIFGETIYRIGDKVLQLVNQPESNVFN   633
NTDB id 355 BSU 27480 NP 390625.1              VVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKE.KRRELKFGDVVYRTGDKILQLVNQPENNVFN   638
consensus                                      !!! !*  !! !!** *!!!!!!!!!!!*!!!  !! !*!***!!* **!!*!* !!* *!! !!!*!!!!!!!! !!!!

logo

NTDB id 1044269 ACEPXG RS10955 WP 391202067.1  GDMGEVVSIFKAAETVEKKEMLVISFDGNEVTYEKNDLNQITLAYCCSVHKSQGSEFQTVIMPVTRSYMKMLRRNLLYTG   713
NTDB id 355 BSU 27480 NP 390625.1              GDIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTA   718
consensus                                      !!*!!* !!! ! !  !! *! !*!!!!!!*!* ! ! !! !*!!!!!*!!!!!!!!* !**!! * ! *!!!!!!!!!*

logo

NTDB id 1044269 ACEPXG RS10955 WP 391202067.1  ITRAKNFLILCGDPEVFKFGVERTDDLQRLTTLKDRLTVSEENKEKIDEQREKVMDEITTETTFLSAENCHLIDPLTGMN   793
NTDB id 355 BSU 27480 NP 390625.1              ITRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDAEL...E....ALQKE......LPFSVHDANIGME   785
consensus                                      !!!!! !!!!!!**!   *!!   !   ! !*!! !!*!  !  *   ***!**** *  !****** *****!*  !!

logo

NTDB id 1044269 ACEPXG RS10955 WP 391202067.1  GISPYDFLEMDN.   805
NTDB id 355 BSU 27480 NP 390625.1              GITPFDFMKEEQQ   798
consensus                                      !!*!*!!*  ***
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X non conserved

X similar

X ≥ 50% conserved