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logo
NTDB id 329189 EG886 RS09690 WP 124727953.1  MTVSQTQLELFGDCFVKGTFSQEIFYNEENGYGVFLMRVNESSEEAD.PEIITVVGNMLRPHEEEMYVCYGEWREHPRFGR   79
NTDB id 355 BSU 27480 NP 390625.1            MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                    !  ** !! !  * **!!!    !**!* ! ! !  **! !*!!  *** **! !  * **!!! ! *!!    !!*!!

logo
NTDB id 329189 EG886 RS09690 WP 124727953.1  QFHAHRVERETPKTREAIIRYLSGGLFEGVGKKTAEKIVDHLGTDALVMISRNPDVLTRIKGISKAKAEKIADRLRENHA   159
NTDB id 355 BSU 27480 NP 390625.1            QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG   160
consensus                                    !!*!**  *! ! !*!*!! !!!  !!!!*!!!!!! !! *!!  !*  !   * !!  ** *!! !!* *!  !  ***

logo
NTDB id 329189 EG886 RS09690 WP 124727953.1  LEEAMVFLYGFGIGPALAMRIIQLYKHETIDLVKENPYRLIDEVEGIGFRRADEIARAQGMAENAPERYRAAVMYVLKES   239
NTDB id 355 BSU 27480 NP 390625.1            LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT   240
consensus                                    !!  !* !  !! !! ! !*! ! ! *!!** * !!!! !* *!!!!!! *!!!**   !*  !*!!! *!!**! !  *

logo
NTDB id 329189 EG886 RS09690 WP 124727953.1  AMSEGHVFLRRDELNTRVNELLGGNAEEW...FDEDVRSDCLQLLIDEDRVVEEEDCYYLRSLYFAEYGLAKRTKELL.E   315
NTDB id 355 BSU 27480 NP 390625.1            CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYF.PSLFYAEQNVAKRVKHIASQ   319
consensus                                    **!!!! **  * !    * !!   ! ! *** * !    ** !    ! !*!*  !!***!!**!!  *!!! !** *

logo
NTDB id 329189 EG886 RS09690 WP 124727953.1  SDMEVPFSVGELYGVIGEIEEELGVSYADRQREAMITALSSPLMILTGGPGTGKTTVIKGICRMYSKLFEVSIDPKDYEG   395
NTDB id 355 BSU 27480 NP 390625.1            TEYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKK   399
consensus                                    ** ! *!*  !    *!!*!! * ! !!* !*!!*  !!!!!***!!!!!!!!!!!!!*!!* *!  !* !!*!!  !

logo
NTDB id 329189 EG886 RS09690 WP 124727953.1  SDRPYPIRLAAPTGRAAKRMSEATGLPAMTIHRLLGWKG.EGFEHHSQNPFSGELLIVDEASMLDVWLANQLFRAVPAGM   474
NTDB id 355 BSU 27480 NP 390625.1            .DEAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHI   478
consensus                                    *! **!! !!!!!!!!!!!!!! !!!!!*!!!!!!!! !*!!! !*  *!  ! !!!*!!!!!!!*!!!!*!!*!*! **

logo
NTDB id 329189 EG886 RS09690 WP 124727953.1  RVILVGDRDQLPSVGPGQVLHHLLAVEAIPRVELNEIFRQAEGSSIIRLAHELKRGKLPEDLTDPQPDRRFFECHRDQAV   554
NTDB id 355 BSU 27480 NP 390625.1            QIIIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIK   558
consensus                                     *!*!!! !!!!!!!!!!!!**!!!   !! ! ! *!*!!!!!!!* !!! *! ! !!  !! ! *!! !  !*  !
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logo
NTDB id 329189 EG886 RS09690 WP 124727953.1  SVILQTVTGAIRRGYTLFDVQVLAPIYKGPAGVDRFNRELQQALNPPDPQKKEITWGESVFRLGDKVLQLVNHTEHPVYN  634
NTDB id 355 BSU 27480 NP 390625.1            EVVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFN  638
consensus                                     !*   !  !***!!!  !*!!!!!*!*!*!!*   !  !!  !!!! * **!* *!* !*! !!!*!!!!!**!**!*!

logo
NTDB id 329189 EG886 RS09690 WP 124727953.1  GDMGVIISVD..DEATGDRPVLWVRFDRLEVPYKRSQLGQISLAYACSVHKSQGSEFPIVVFPVLHAYRRMLARNLIYTA  712
NTDB id 355 BSU 27480 NP 390625.1            GDIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTA  718
consensus                                    !!*! ! !* ** ! !   **  ! !!  !*** *    ! **!!*!!*!!!!!!!!!!!! !!***! !!! !!!*!!!

logo
NTDB id 329189 EG886 RS09690 WP 124727953.1  VTRSKSYLILCGEKEALAEGIRVVQGETRNSRLKLLIEEEW.....................................  753
NTDB id 355 BSU 27480 NP 390625.1            ITRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDAELEALQKELPFSVHDANIGMEGITPFDFMKEEQQ  798
consensus                                    *!! ! *!!!!!! !!!  !**   *  !** !!  *    ************************************
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X non conserved

X similar

X $\geq$ 50% conserved