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logo
NTDB id 1122956 EL223 RS12290 WP 109348317.1  .MTENLSLFADEKLFIVGRPVVSIFHNAENLFSIIKLKIQETNTDYKEKEVIVAGYFPKVVEDSIYRFTGRMTKHPKYGA   79
NTDB id 355 BSU 27480 NP 390625.1             MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                     *  **  !  *! *** ! *   !*!!  !!****!*!* !!     *! ! ! !!!! * !*  ! ! !**  !!!*!

logo
NTDB id 1122956 EL223 RS12290 WP 109348317.1  QFKAETFEKEIPATETGVISYLSSDLFPGIGRRTAEIIVKKLGADAIKIIINNPSSLDDIPRLNEEKKETLRLVLQQNLG   159
NTDB id 355 BSU 27480 NP 390625.1             QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG   160
consensus                                     !! !!*! !!!! !  !*! !!!!!!!*!!!**!!! !!!!!!  !!  !*  *! ! !*!!!   ! *!!   !! * !

logo
NTDB id 1122956 EL223 RS12290 WP 109348317.1  MDRIMIKLGEWGFGAQLAIKIYQLYLEDTIQLLQENPYRLIADVDGVGFQRADDLGEILGIGGSHPSRIEAAVIHIVNQA   239
NTDB id 355 BSU 27480 NP 390625.1             LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT   240
consensus                                     ** !!! !  *!!!*!! *!!!! !  *!*  *!!!!! !* !!*!*!! *!!*!!  *!* ! !! !* !!*** *

logo
NTDB id 1122956 EL223 RS12290 WP 109348317.1  SLSDGHTFIEAQQVIPQAKAILEQSQNVVI..SFEEISEAIIRLGEEGLLCGEETRLYIPSLYYSEVGIASKILQLKEKN   317
NTDB id 355 BSU 27480 NP 390625.1             CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT   320
consensus                                     *!!*!!!*!!  !*!*    *! !!     ***  *   !!! !!!   ** !* !*! !!!*! !  *! ** **

logo
NTDB id 1122956 EL223 RS12290 WP 109348317.1  EEQSAFPVSEIRKWIGDAEERFEVTYAKTQIKAIETAINSAVMILTGGPGTGKTTVVRGIVDVFAELHGLSLDPKEYSKK   397
NTDB id 355 BSU 27480 NP 390625.1             EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYK.K   399
consensus                                     !    !! !!    *!* !!! *! !!**!  !!  !* !****!!!!!!!!!!!*!!!!****!!!!*!!!!  ! *!

logo
NTDB id 1122956 EL223 RS12290 WP 109348317.1  DEEFPIILVAPTGRAAKRLSESTGLPAQTIHRLLGFNGQDKEE.ESEREIEGKLLIVDEMSMVDTWLAHQLLRALNDKCQ   476
NTDB id 355 BSU 27480 NP 390625.1             DEAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQ   479
consensus                                     !! !!!*! !!!!!!!!!*!!!!!!!! !!!!!!!*!! *   *  * *!!!!!!!*!! !!*! !!!**! *!**!**!

logo
NTDB id 1122956 EL223 RS12290 WP 109348317.1  IVFVGDQDQLPPVGPGQVLKDLLASKAIPTVELSDVYRQADGSSIIELAHQMKMGQTPTNLTEKTSDRSFIPAYANQVPS   556
NTDB id 355 BSU 27480 NP 390625.1             IIIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKE   559
consensus                                     !* !!! !!!!*!!!!!!!*!!!!!  !!!! !*!*!!!!*!!!!*!!!!!!! !  ! !!! *! !!!!!** * !**
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logo
NTDB id 1122956 EL223 RS12290 WP 109348317.1  VVQQVIGSALNKGFSIHDVQVLAPMYRGDAGIDALNKLIQEFVNPKKNAKTKEIQFGETTYRIGDKVLQLVNQPNSNVFN   636
NTDB id 355 BSU 27480 NP 390625.1             VVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKE.KRRELKFGDVVYRTGDKILQLVNQPENNVFN   638
consensus                                     !!  !** !! !!** *!*!!!!!!!!! !!!  !! **!* *!!*! *! *!* !!*  !! !!!*!!!!!!!  !!!!

logo
NTDB id 1122956 EL223 RS12290 WP 109348317.1  GDMGEIISILKAKETTEKQDVMVISFDGIEVTYERSDLNQITLAYCCSIHKSQGSEFPMVIMPVVSGYSKMLRKNLLYTG   716
NTDB id 355 BSU 27480 NP 390625.1             GDIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTA   718
consensus                                     !!*!!! !!  !!! !!! !* !*!!!! !*!* * ! !! !*!!!!!!!!!!!!!!!*!**!!! !! *!!!*!!!!!*

logo
NTDB id 1122956 EL223 RS12290 WP 109348317.1  LTRAKNFLILCGEPETFLRGIQNDSDILRQTSLSSRLLESSDEIAEKEQPADQEIPEKPATFALTMDNFMQIPPMIGMDR   796
NTDB id 355 BSU 27480 NP 390625.1             ITRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDAELEALQKELP.............FSVHDANIGMEG   786
consensus                                     *!!!!! !!!!!!!*!    !* !    *!!!!!  !!    *!*     *   !*!************!  *** !!!*

logo
NTDB id 1122956 EL223 RS12290 WP 109348317.1  IKPTDFLVDEQQELLDT   813
NTDB id 355 BSU 27480 NP 390625.1             ITPFDFMKEEQQ.....   798
consensus                                     ! ! !!* *!!!*****
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X non conserved

X similar

X ≥ 50% conserved