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logo
NTDB id 192259 BC359 RS04655 WP 078989252.1  MSEEVLNPLQPDEEKTYIKGTAIVTVFHNEENLYNVTRIRIKETNVSMDDKEAIVTGYFPRLNEDELYTFIGNFKEHPKF   80
NTDB id 355 BSU 27480 NP 390625.1            MQ..QHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKF   78
consensus                                    ! ** ***  * !! *!*!!!    **!!* !!! ! **** !!   **!!   !!!!!! !*!*! !!! !    !!!!

logo
NTDB id 192259 BC359 RS04655 WP 078989252.1  GLQFQVEQFKKELPQSKQGVIQYLSSDLFNGIGKKTAENIVEALGERAIYRMLQDPAVLKKVSRLSADKAEKLIVQLREH  160
NTDB id 355 BSU 27480 NP 390625.1            GLQFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRH  158
consensus                                    !!!!! !*!!!!*! *! !*!!!!!!!!! !!!!!!!! !!  !!* !! **! !* !!  !*!!!  !!* !   !  !

logo
NTDB id 192259 BC359 RS04655 WP 078989252.1  QGLEEVMVKLTDLGFGPQLSMKIFQAYKQEALEVIQTNPYQLVEDVQGIGFNRADELCRKLGLATNHPNRLRAGILYVIE  240
NTDB id 355 BSU 27480 NP 390625.1            QGLEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELCSRMGLSGNHPERVKAAILYTLE  238
consensus                                    !!!! *!* !   !!!!!!!!!!*!!!  ! !! !! !!!!!! !! !!!! *!!!!! **!!  !!! !**!*!!! *!

logo
NTDB id 192259 BC359 RS04655 WP 078989252.1  HECNQMGHVYVKAEQLYQKTGELLQKSRQ..EPLSEMDIIREIDALKEEKKIIIDDDKMYFPPLFYAEKGVVKAIGKLMA  318
NTDB id 355 BSU 27480 NP 390625.1            TTCLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIAS  318
consensus                                    * !   !! !*  !!!   !  !!* !  ** ***!!!   ! !! ! ! !*!*! **!!!*!!!!!  ! ! * **

logo
NTDB id 192259 BC359 RS04655 WP 078989252.1  QTEYEEQFPESEFLLALGELEERLGVQYAPSQREGIQKALLSPMLLLTGGPGTGKTTVIKGIVELYAELHGCSLNPGDYK  398
NTDB id 355 BSU 27480 NP 390625.1            QTEYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYK  398
consensus                                    !!!!! !!!!!!!!!!!!!!!!* !!!!!!!*!*!!!!! !!!!!!!!!!!!!!!!!!*!!!!!!*!!!!*!! !  !!

logo
NTDB id 192259 BC359 RS04655 WP 078989252.1  KDEGFPVLLVAPTGRAAKRMSEATGLPAVTIHRLLKWNGQEGFDHNEENPINGKLLIVDEVSMVDLWLAHQLFKSLPASI  478
NTDB id 355 BSU 27480 NP 390625.1            KDEAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHI  478
consensus                                    !!!*!!**! !!!!!!!!!!!!! !!!!!!!!!!!! !!! !!! ! !**!! !!!!!*!! !!*!*!!!**!!! *!  *!

logo
NTDB id 192259 BC359 RS04655 WP 078989252.1  QVVLVGDEDQLPSVGPGQVLKDLLHSEAVPTVRLTDVYRQEEGSSIIDFAHEIKKGRLPSDLTNQQGDRSFIRCYGAQIT  558
NTDB id 355 BSU 27480 NP 390625.1            QIIIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIK  558
consensus                                    !***!!!!!!!!!!!!!!!!!*!!!*!  *!!!!!!!*!!! !!!!!** !! *! ! !!  !! *  !!!!!!! ! !!
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logo
NTDB id 192259 BC359 RS04655 WP 078989252.1  DVVKQVCGNAVKKGYTAKDIQVLAPMYKGPAGIDKMNEVLQELFNPASQQRRELKHGDVTYRVGDKVLQLVNQPDSNVFN  638
NTDB id 355 BSU 27480 NP 390625.1            EVVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFN  638
consensus                                    *!!  !**!!*!!!!!!!!!!!!!!!!*!*!!!  *! *!!** !!*   !!!!!*!!! !! !!!*!!!!!!!* !!!!

logo
NTDB id 192259 BC359 RS04655 WP 078989252.1  GDMGEIVSVFFAKENTEKQDMLVISFEGNEVTYTKQDFNQITHAYCCSIHKSQGSEFPIVVLPIVKSYYRMLRRNLLYTA  718
NTDB id 355 BSU 27480 NP 390625.1            GDIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTA  718
consensus                                    !!*!!! !*!*!!!!!!! !! !*!!*!!!*!*!! !!!! !!!!!!!!!!!!!!!!!!!!!!!!*!! !!!!!!!!!!!!!

logo
NTDB id 192259 BC359 RS04655 WP 078989252.1  VTRSKQFLILCGEEEAFQIGVNRNEDSIRQTNLQALLKEQLVD...EL..EDPEVPF.MKDANIGMENLTPYDFM.....  787
NTDB id 355 BSU 27480 NP 390625.1            ITRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDAELEALQKELPFSVHDANIGMEGITPFDFMKEEQQ  798
consensus                                    *!! ! !!!!!!!!!!   !!  !* **!!! !   !  !* ****!!**  *!*!!***!!!!!!! *!!*!!!*****
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X non conserved

X similar

X $\geq$ 50% conserved