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logo
NTDB id 965628 NSU19 RS13700 WP 339196909.1  MGGQQESLFHEESTPFVRGVIKHIVFQNEQNFYTVIKVKIEETNEQFEQDQVTVTGFFPLLQLHDSYTFFGAKKYHPKFG   80
NTDB id 355 BSU 27480 NP 390625.1            .MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFG   79
consensus                                    *  !**   * !  !***! * *****!* ! !!!*!!!* !! !  !   !*!!!*!! !! ***!!!*!    !!!!!

logo
NTDB id 965628 NSU19 RS13700 WP 339196909.1  VQFQAERFQKELPTTKEGVIQYLSSGLFKGIGKKTAEAIVNELGEHAISIILEDPDSLKRVKKLSKEKAKILAETLKEHQ  160
NTDB id 355 BSU 27480 NP 390625.1            LQFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQ  159
consensus                                    *!!!!!*! !!*!!!!!!*!!!!!! !! !!!!!!!! !!  !!**!!  !! !*  !  !**!!! !!  !!  !  !!

logo
NTDB id 965628 NSU19 RS13700 WP 339196909.1  GLEGVLIGLNQLGIGPALGMKIYQLYREDTLKIIQKNPYQLVEDIEGIGFIRADEIGRELGISGNHPDRLKAACLFTIEQ  240
NTDB id 355 BSU 27480 NP 390625.1            GLEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLET  239
consensus                                    !!! **! !!! ! !! ! !!!!! !  *!!  !! !!!!!! !*!!!!! *!!!*!  *!*!!!!!*!*!!!*!*!*!

logo
NTDB id 965628 NSU19 RS13700 WP 339196909.1  DAVKEGHVYVTKVQLMEKAKKLLTQ...NGEDISDQDIERIILELEEDRKIIVEEDRIYLPSLYYAEVGLANNIEEILTQ  317
NTDB id 355 BSU 27480 NP 390625.1            TCLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQ  319
consensus                                     ** !!! !*   !!*     !! !*** !  !** !    !* ! ! * !**!* !*! !!!*!!!  *!  * *! *!

logo
NTDB id 965628 NSU19 RS13700 WP 339196909.1  NQFQDMFPESEFLLELGKLEEKMNVQYAPSQKEAIQRAIHSPILLLTGGPGTGKTTVIKGIVEIYANLHGLSLNPKEYQK  397
NTDB id 355 BSU 27480 NP 390625.1            TEYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKK  399
consensus                                      *   !!!!!!!! !! !!!*! !!!!!!!!!!!!*!**!!*!!!!!!!!!!!!!!!!*!!!!*!* !!!*!! !  ! !

logo
NTDB id 965628 NSU19 RS13700 WP 339196909.1  KEEPFPIVLVAPTGRAAKRMAEATGLPAVTIHRLLGWNGSEGFEHNEDHPISGKLLIVDEVSMVDIWLMHQLFKSLPSDI  477
NTDB id 355 BSU 27480 NP 390625.1            .DEAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHI  478
consensus                                    **!*!!!!! !!!!!!!!!! ! !!!!!!!!!!!!!!! !!! ! !!*!! !!!!!*!! !!*!!!! **!!! *! *!

logo
NTDB id 965628 NSU19 RS13700 WP 339196909.1  QIVLVGDEHQLPSVGPGQVLRDLIQSGRIPVVTLTDIYRQAEGSTIIDLAHSIRQGTLPTNLLQTTQDRSFIPCTTSQIK  557
NTDB id 355 BSU 27480 NP 390625.1            QIIIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIK  558
consensus                                    !!**!!!!*!!!!!!!!!!!!!!* !  !! ! !!!!!!!!!!!!*!**!!! ***! !! !!   *! !!!!!*!  !!!!
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logo
NTDB id 965628 NSU19 RS13700 WP 339196909.1  EVITRVIENALKKGYSAKDIQVLAPMYRGIAGIDQLNEMLQEMLNPPSKEKKREIKHGNVIYRIGDKVLQLVNQPDQNVFN  637
NTDB id 355 BSU 27480 NP 390625.1            EVVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFN  638
consensus                                    !!* *!* !!!!!!!*!!!!!!!!!!!!! !!!  !! !!!**!!!!   *!!*!*! !*!! !!!*!!!!!!!**!!!!

logo
NTDB id 965628 NSU19 RS13700 WP 339196909.1  GDIGEIVSIFYAKENVEKEDMVVISYDGIEVTYTKQDFNQFTHAYCCSIHKAQGSEFPIVILPVVKGYFRMLRRNLIYTA  717
NTDB id 355 BSU 27480 NP 390625.1            GDIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTA  718
consensus                                    !!!!!! !!!!!!!!! !!!!! !*!*!! !*!*!! !!!!!!!!!!!!!!! !!!!!!!!*!!!!!!!!*!!!!!!!!*!!!

logo
NTDB id 965628 NSU19 RS13700 WP 339196909.1  VTRSKQFLIMCGEWEALKMGVYNNQESMRQTTLKERLKT......SELAELKEELPFPLEDANIGMENITPYDFMEEGEG  791
NTDB id 355 BSU 27480 NP 390625.1            ITRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDAELEALQKELPFSVHDANIGMEGITPFDFMKEEQQ  798
consensus                                    *!! ! !!!*!!! !!!  !! !!  **!!!*!! !!  ****** !!  !  !!!!***!!!!!!! !!!*!!! !
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X non conserved

X similar

X $\geq$ 50% conserved