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logo
NTDB id 1129895 G6Q10 RS03630 WP 163652968.1  MEEQGSFQLFEQKNEELYMKGTVLSTIFHNAENLFSVVRIAVTDTNTDWQEKDIIVTGFFPKLLEQEVYQFFGIMQEHAK   80
NTDB id 355 BSU 27480 NP 390625.1             MQQH...PDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPK   77
consensus                                     !  *****      !!*!*!!!! * !*!!  !!**!*** !!*!     *! * !!!*!! ! ! ! ! !*! *  !*!

logo
NTDB id 1129895 G6Q10 RS03630 WP 163652968.1  FGQQFKAEKFHKEMPKSKQAMINYLSGELFKGIGKKTAEAIVETIGEDAISRVLENPSLLSQVPKLPKKAAETLVETLRE  160
NTDB id 355 BSU 27480 NP 390625.1             FGLQFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQR  157
consensus                                     !! !! !!*!*!!*! *! **!*!!! *!! !!!!!!!! !!  *!* !! **!  *!*!  !!*!*!! !*!!   !

logo
NTDB id 1129895 G6Q10 RS03630 WP 163652968.1  NQGLEHVMVGLNEYGFGPQLSMKIFQVYKQDALDILEKNPYRLIEDVKGVGFQRADELGRKLGIEGDHPMRLRAAIIYCL  240
NTDB id 355 BSU 27480 NP 390625.1             HQGLEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTL  237
consensus                                     *!!!!**!* !! *!!!!!!!!!!*! !  * !* *  !!! !* !! !*!! *!!!!! **!* ! !! !**!!!*!*!

logo
NTDB id 1129895 G6Q10 RS03630 WP 163652968.1  DVESLKQGDVYLEKDELLNYAKQLLEQSAPIQ..IENESIKRELAALQEEEKLIIENTRVYMPSLYFAENGLTHHLKRIM  318
NTDB id 355 BSU 27480 NP 390625.1             ETTCLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIA  317
consensus                                     *  *!  !* !*! * !*     !! !!!*  **!        * !! !   **!!  !*! !!!**!!* * ***!*!

logo
NTDB id 1129895 G6Q10 RS03630 WP 163652968.1  KQTEYAEEFPESEFLLALGELEERLGVTYGSSQKDALKDALMSPMLVLTGGPGTGKTTVIRGIVELYSELNGVSLDPHSY  398
NTDB id 355 BSU 27480 NP 390625.1             SQTEYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAY  397
consensus                                      !!!!   !!!!!!!!!!!!!!!!* ! !**!!!*!*  !! !!!!*!!!!!!!!!!!!!!!!!!!! !!*!!!!!!* !

logo
NTDB id 1129895 G6Q10 RS03630 WP 163652968.1  KGEEKMPILLAAPTGRAAKRMSESTGLPATTIHRLLGMNGQEALDDDAERTVDGRMLIVDEMSMVDTWLANQLFRALPNH  478
NTDB id 355 BSU 27480 NP 390625.1             KKDEAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDH  477
consensus                                     ! *!   !!*!!!!!!!!!!!!!!!!!!!! !!!!!!! !! !*  *  * ***!**!!*!! !!*! !!!!*!!*!*! !

logo
NTDB id 1129895 G6Q10 RS03630 WP 163652968.1  MQVILVGDQDQLPSVGPGQVLKDILKAKIIPTVELTDIYRQKDGSSIIEMAHHIKGGFLPNNFAENSADRSFFHCHANQI  558
NTDB id 355 BSU 27480 NP 390625.1             IQIIIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQI  557
consensus                                     *!*!*!!! !!!!!!!!!!!!*!*!    *!!!! !!!!!!! *!!!!*!*!!**! ! !!!!   ** !!!! *!** !!
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logo
NTDB id 1129895 G6Q10 RS03630 WP 163652968.1  ADVVEQVVKNAREKGFRARDIQVLAPMYRGPAGINVLNRNLQEIFNPNESGKRKEIVFGDIKYRVHDKVLQLINQPEKNV   638
NTDB id 355 BSU 27480 NP 390625.1             KEVVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKE.KRRELKFGDVVYRTGDKILQLVNQPENNV   636
consensus                                      *!!! !! !!  !!* !*!!!!!!!!!!*!!!! !!  !!*! !!*  *!!*!* !!!* !! *!!*!!!*!!!! !!

logo
NTDB id 1129895 G6Q10 RS03630 WP 163652968.1  FNGDIGEIVSLMYARENTEKQDMIVVKFDQTEVTYYRQEFNQLTHAYCCSIHKAQGSEFPIVIMPIVRSYYRMLRRDLLY   718
NTDB id 355 BSU 27480 NP 390625.1             FNGDIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLY   716
consensus                                     !!!!!!!! !* !!*!!!!! !! !! !!  !*!* * *!!! !!!!!!!!!! !!!!!!!!**!*!* !!!!!!! !!!

logo
NTDB id 1129895 G6Q10 RS03630 WP 163652968.1  TGVTRSKRFLILCGEEDAFRMGVERTAETSRKTTLYERLLSEEELEQMSNKKTLTEENISSIDPMIGMDGISPYQFME..   796
NTDB id 355 BSU 27480 NP 390625.1             TAITRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDAELEALQKELPFSVHDANIGMEGITPFDFMKEE   796
consensus                                     !**!! !*!!!!!!!!*!   !!     ! ! !*!  !!    !           ! * ! *!* !!!*!!*!* !! **

logo
NTDB id 1129895 G6Q10 RS03630 WP 163652968.1  ..   796
NTDB id 355 BSU 27480 NP 390625.1             QQ   798
consensus                                     **
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X non conserved

X similar

X ≥ 50% conserved