
logo
NTDB id 982569 NST62 RS07775 WP 342462797.1 ....MEEQYHSEKTFVLGRPIASIFHNASNMYSIVKVKIKETNLKYQEKEITVVGYFPALDEELHYRFVGNLSNHPKYGL 76
NTDB id 355 BSU 27480 NP 390625.1 MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL 80
consensus


logo
NTDB id 982569 NST62 RS07775 WP 342462797.1 QFQAEAFEREVPATEQGVIHYLSSDMFPGIGPKTAEQIVKTLGPDALKKIMENPFVLDEVPRLSEDKKMTIRTALEKNLG 156
NTDB id 355 BSU 27480 NP 390625.1 QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG 160
consensus


logo
NTDB id 982569 NST62 RS07775 WP 342462797.1 LDRVMIQLNEWGFGPQLGMKIYQTYREETIELLTQNPYRLIEEVEGVGFARADELGRKLGITGNHPDRIKAAVLHKLNQA 236
NTDB id 355 BSU 27480 NP 390625.1 LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT 240
consensus


logo
NTDB id 982569 NST62 RS07775 WP 342462797.1 ALSEGHVYLEAEQLLPEVKELLEQSQPVE..IPYESISNAVIELEEEGKICGEETRIYLPSLYFSEVGIATKVLQLVKKN 314
NTDB id 355 BSU 27480 NP 390625.1 CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT 320
consensus


logo
NTDB id 982569 NST62 RS07775 WP 342462797.1 EESRNFSNDEIRKAIGEVEEDLGVTYAETQAKAIEQALNSSIMILTGGPGTGKTTVIRGIVEVYARLHGLSLEPKEYAKK 394
NTDB id 355 BSU 27480 NP 390625.1 EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYK.K 399
consensus


logo
NTDB id 982569 NST62 RS07775 WP 342462797.1 EEPFPIVLAAPTGRAAKRLSESTGLPAMTIHRLLGFNGQEKEE.ETDREIQGRLIIIDEMSMVDTWLSHQLFKSIPAEAQ 473
NTDB id 355 BSU 27480 NP 390625.1 DEAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQ 479
consensus


logo
NTDB id 982569 NST62 RS07775 WP 342462797.1 VVLVGDQDQLPPVGPGQVLKDLLAAKIVPTVELTEVYRQADGSTIIEMAHQIKKGQVPDNFTEKTGDRSFIKASAEQIAS 553
NTDB id 355 BSU 27480 NP 390625.1 IIIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKE 559
consensus





```
logo
NTDB id 982569 NST62 RS07775 WP 342462797.1  VVTQVVKSAMSKGQSIRDIQVLAPMYKGPAGIDRLNKEIQDLVNPNEDGTRKEIKYGDTIFRIGDKVLQLVNQPECNVFN   633
NTDB id 355 BSU 27480 NP 390625.1            VVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKE.KRRELKFGDVVYRTGDKILQLVNQPENNVFN   638
consensus                                    !!  !!  !* !! * *!!!!!!!!!*!*!!!  !!  *!!**!!* ** !*!*!*!! **! !!!*!!!!!!!!*!!!!

logo
NTDB id 982569 NST62 RS07775 WP 342462797.1  GDIGEIVAIIKAKETVDKQDQVVVSFDGNEVTYDRGDLNQITLAYCCSIHKAQGSEFQTVIMPIVRSYAKMLRRNLIYTG   713
NTDB id 355 BSU 27480 NP 390625.1            GDIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTA   718
consensus                                    !!!!!!  !  !!!  *! !  !!!!!!!!*!* * ! !! !*!!!!!!!! !!!!!* !**!*!* ! *!!!!!!*!!*

logo
NTDB id 982569 NST62 RS07775 WP 342462797.1  ITRAKNYLILCGEPEEFWKGIQRTDDLKRFTTLRARLNPFIEDEAEVDRTGQTEQTFRADAPENILEHEEPKEMPELPPM   793
NTDB id 355 BSU 27480 NP 390625.1            ITRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDAE.............................LEAL   769
consensus                                    !!!!! *!!!!!!*!    !*   !   ! !*!* !! * *!*    ******************************!***

logo
NTDB id 982569 NST62 RS07775 WP 342462797.1  LTAETAPKIHPMIGMDGITPYDFLDE...   819
NTDB id 355 BSU 27480 NP 390625.1            QKELPFSVHDANIGMEGITPFDFMKEEQQ   798
consensus                                        * * *** !!!*!!!!*!!* !***
```





X non conserved
X similar
X $\geq$ 50% conserved