logo
NTDB id 419782 GXN75 RS13415 WP 009709667.1 MEQQPGLDLFAGEGYLKGSLAQEIFYNEENQYGVFTLRVTESSEPLDQEEVVVVGNMMLPHPDETVVVYGEWKEHPKYGR 80
NTDB id 355 BSU 27480 NP 390625.1 MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL 80
consensus

logo
NTDB id 419782 GXN75 RS13415 WP 009709667.1 QYRIRHMKKELPQTREAVAKYLSSGLFPGVGKKTAEKIVDFLGPGVLAQAAVDPGILRRVPGITESRANTIAEGLKEHQA 160
NTDB id 355 BSU 27480 NP 390625.1 QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG 160
consensus

logo
NTDB id 419782 GXN75 RS13415 WP 009709667.1 LEQALVQLYQFGLGPAIAALRVVQTYKEATLEIIRQNPYRLVEEVEGIGFRRADEIARKSGLAPDSPERFQAAALFAIREA 240
NTDB id 355 BSU 27480 NP 390625.1 LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT 240
consensus

logo
NTDB id 419782 GXN75 RS13415 WP 009709667.1 SLSRGHVYVTEEQLARELNVLLTPQGEELF..PAAERKKYLESMVHEERIVDDHGKYYLPSLFYAEHGAAIRVRDWLERK 318
NTDB id 355 BSU 27480 NP 390625.1 CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT 320
consensus

logo
NTDB id 419782 GXN75 RS13415 WP 009709667.1 ..LEPTPVRELFEAVGEVEEELKVSYAERQREAMTTAIDSPVMILTGGPGTGKTTVIRGICHLFAKLNECSLDPAHYETS 396
NTDB id 355 BSU 27480 NP 390625.1 EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKK. 399
consensus

logo
NTDB id 419782 GXN75 RS13415 WP 009709667.1 GKPYPIRLAAPTGRAAKRMSESTGLPAMTIHRLLGWKGDFFERDADHPIEGSLLIVDEVSMLDIWLANQLFRAVPRGMQ 475
NTDB id 355 BSU 27480 NP 390625.1 DEAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQ 479
consensus

logo
NTDB id 419782 GXN75 RS13415 WP 009709667.1 VILVGDDDQLPSVGPGRVLRDLLQVEAIPRVELTEIYRQEEGSSIIGLAHALKKGEVPDNLTKPMPDRRFFSCNRDQAVD 555
NTDB id 355 BSU 27480 NP 390625.1 IIIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKE 559
consensus

logo

```
NTDB id 419782 GXN75 RS13415 WP 009709667.1  VILQTYQQALHKGYTLFDVQVLAPMYKGPAGVNRINEEIRQAVNPAKPGRKEIRWGESVFRHGDKVLQLMNHPEHPVYNG  635
NTDB id 355 BSU 27480 NP 390625.1            VVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNG  639
consensus                                    !*      *!!*!!!!  !*!!!!!!!*!*!!*! *!  *   *!!*!* !*!***!* !*!*!!!*!!!*!*!!**!*!!
```

logo

```
NTDB id 419782 GXN75 RS13415 WP 009709667.1  DMGLITAMDE..EAGKDDPVLWVQFDRQEVPYKRSQLNQLSLAYACSVHKAQGSEFAIVIFPLLKAYRRMLKRNLIYTGI  713
NTDB id 355 BSU 27480 NP 390625.1            DIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAI  719
consensus                                    !*! !! *  **!    ***  ! !! *!*** *   !! **!!*!!*!! !!!!!*!!* !**!*! !!!*!!!*!!*!
```

logo

```
NTDB id 419782 GXN75 RS13415 WP 009709667.1  TRSKSYLILCGEKEALDEGVRQGEREERNSQLADLLQREW.....................................  753
NTDB id 355 BSU 27480 NP 390625.1            TRAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDAELEALQKELPFSVHDANIGMEGITPFDFMKEEQQ  798
consensus                                    !! ! *!!!!!! !!!* !!** *   !** !   !    **************************************
```

X non conserved

X similar

X ≥ 50% conserved