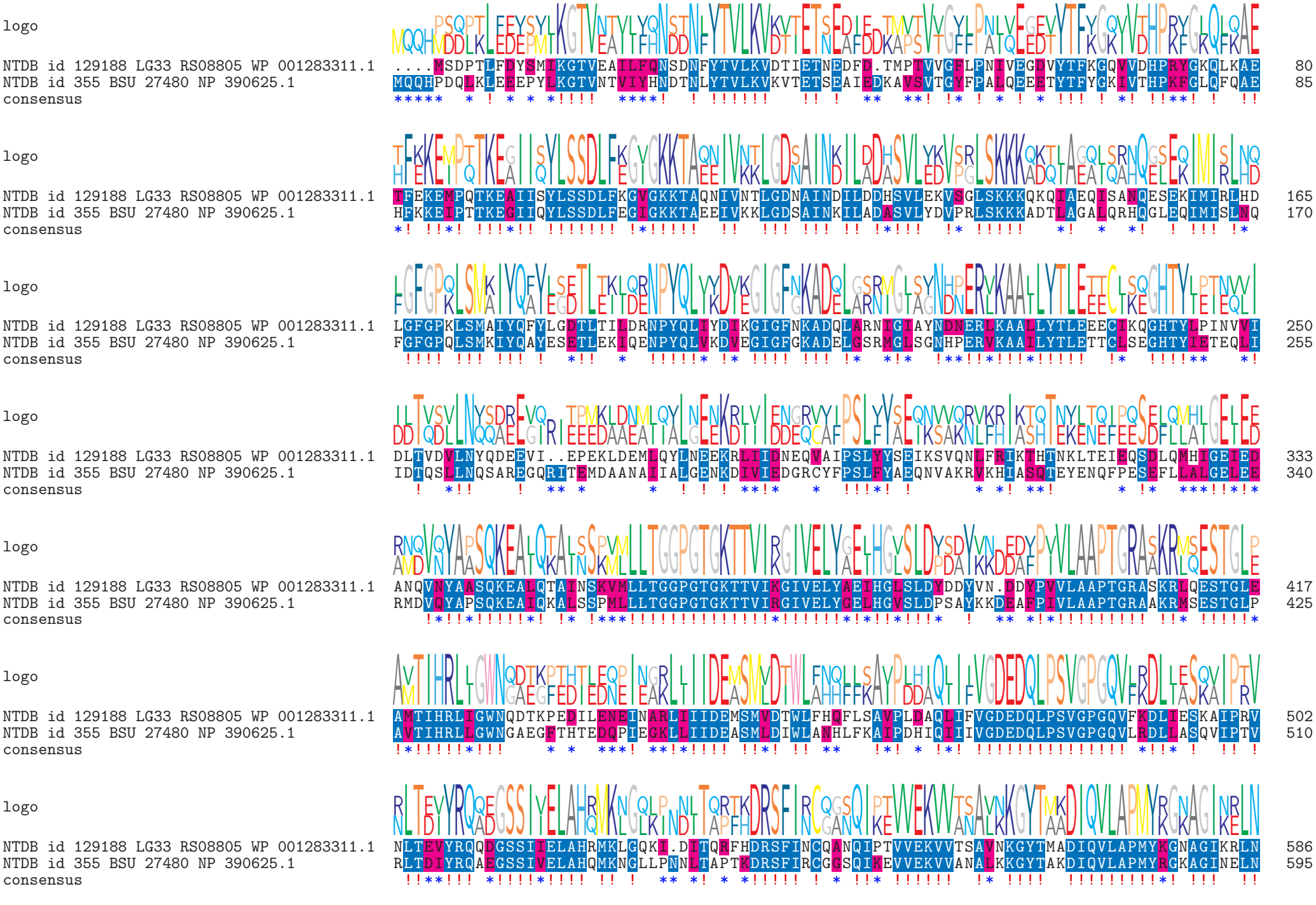

logo
NTDB id 129188 LG33 RS08805 WP 001283311.1 ....MSDPTLFDYSMIKGTVEAILFQNSDNFYTVLKVDTIETNEDFD.TMPTVVGFLPNIVEGDVYTFKGQVVDHPRYGKQLKAE 80
NTDB id 355 BSU 27480 NP 390625.1 MQQHPDQLKLEFEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGLQFQAE 85
consensus
logo
NTDB id 129188 LG33 RS08805 WP 001283311.1 TFEKEMPQTKEAIISYLSSDLFKGVGKKTAQNIVNTLGDNAINDILDDHSVLEKVSGLSKKKQKQIAEQISANQESEKIMIRLHD 165
NTDB id 355 BSU 27480 NP 390625.1 HFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQGLEQIMISLNQ 170
consensus
logo
NTDB id 129188 LG33 RS08805 WP 001283311.1 LGFGPKLSMAIYQFYLGDTLTILDRNPYQLIYDIKGIGFNKADQLARNIGIAYNDNERLKAALLYTLEEECIKQGHTYLPINVVI 250
NTDB id 355 BSU 27480 NP 390625.1 FGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETTCLSEGHTYIETEQLI 255
consensus
logo
NTDB id 129188 LG33 RS08805 WP 001283311.1 DLTVDVLNYQDEEVI..EPEKLDEMLQYLNEEKRLIIDNEQVAIPSLYYSEIKSVQNLFRIKTHTNKLTEIEQSDLQMHIGEIED 333
NTDB id 355 BSU 27480 NP 390625.1 IDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQTEYENQFPESEFLLALGELEE 340
consensus
logo
NTDB id 129188 LG33 RS08805 WP 001283311.1 ANQVNYAASQKEALQTAINSKVMLLTGGPGTGKTTVIKGIVELYAEIHGLSLDYDDYVN.DDYPVVLAAPTGRASKRLQESTGLE 417
NTDB id 355 BSU 27480 NP 390625.1 RMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKDEAFPIVLAAPTGRAAKRMSESTGLP 425
consensus
logo
NTDB id 129188 LG33 RS08805 WP 001283311.1 AMTIHRLIGWNQDTKPEDILENEINARLIIIDEMSMVDTWLFHQFLSAVPLDAQLIFVGDEDQLPSVGPGQVFKDLIESKAIPRV 502
NTDB id 355 BSU 27480 NP 390625.1 AVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQIIIVGDEDQLPSVGPGQVLRDLLASQVIPTV 510
consensus
logo
NTDB id 129188 LG33 RS08805 WP 001283311.1 NLTEVYRQQDGSSIIELAHRMKLGQKI.DITQRFHDRSFINCQANQIPTVVEKVVTSAVNKGYTMADIQVLAPMYKGNAGIKRLN 586
NTDB id 355 BSU 27480 NP 390625.1 RLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEVVEKVVANALKKGYTAKDIQVLAPMYRGKAGINELN 595
consensus

logo



```
NTDB id 129188 LG33 RS08805 WP 001283311.1  QVLQDILNPKKKDTREIEFGDVVFRKGDKVLQLVNRPNDNIFNGDIGVIVGIFWAKENALNKDVLVVDFEGNEITFTKQDMMELT  671
NTDB id 355 BSU 27480 NP 390625.1           VMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNGDIGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFT  680
consensus                                    *!!!!!!!*!   !!* !!!!!*! !!!*!!!!! !  !*!!!!!! !  !!*!!!!    !* !! !*!!!*!!!! !    !
```

logo



```
NTDB id 129188 LG33 RS08805 WP 001283311.1  HAYCTSIHKSQGSEFPIVIMPIVKQYFRMLQRPILYTGLTRAKTSLVLLGDPEAFDIGLKTNGQARLTQLCTLLKNYFNSEDEEM  756
NTDB id 355 BSU 27480 NP 390625.1           HAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAITRAKKFLILCGEEEALEWGVKNNDATVRQ...TSLKNRLSVQVEEM  762
consensus                                   !!!!*!!!!!!!!!!!!!**!*!! !*!!! !**!!!**!!!!  !*!*!**!! * !*! !      ***! !!!      !!!
```

logo



```
NTDB id 129188 LG33 RS08805 WP 001283311.1  LENTATNDTGASQTTIDDQVEAPMSSNDSEEVMSDSTKTDTNVLTEATMFKIDPMINMGEITPYDFIER...  825
NTDB id 355 BSU 27480 NP 390625.1           DA................ELE....................ALQKELPFSVHDANIGMEGITPFDFMKEEQQ  798
consensus                                     **************** *!******************** *  ! *   *!* ! !  !!!*!!*  ***
```

X non conserved
X similar
X ≥ 50% conserved