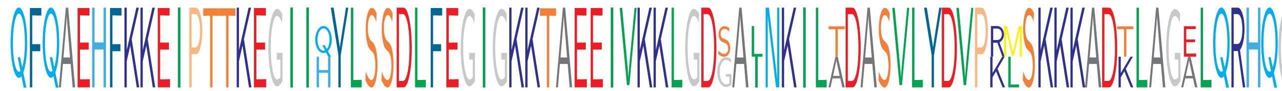
logo

```
NTDB id 205995 BMJ37 RS13135 WP 029973377.1  ....MDQLNIEEQPYVKGVIHTVIYHNDTNLYTVLKVKVAETSEAIEDKVVSVTGYFPLLQEDETYTFYGKTATHPKFGL   76
NTDB id 355 BSU 27480 NP 390625.1            MQQHPDQLKLEEEPYLKGTVNTVIYHNDTNLYTVLKVKVTETSEAIEDKAVSVTGYFPALQEEETYTFYGKIVTHPKFGL   80
consensus                                    *****!!! *!! !!*!! **!!!!!!!!!!!!!!!!!! !!!!!!!!! !!!!!!!! !!!*!!!!!!!!  !!!!!!!
```

logo



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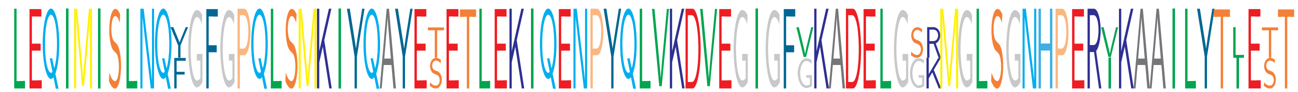
NTDB id 205995 BMJ37 RS13135 WP 029973377.1  QFQAEHFKKEIPTTKEGIIHYLSSDLFEGIGKKTAEEIVKKLGDGALNKILTDASVLYDVPKMSKKKADKLAGELQRHQG  156
NTDB id 355 BSU 27480 NP 390625.1            QFQAEHFKKEIPTTKEGIIQYLSSDLFEGIGKKTAEEIVKKLGDSAINKILADASVLYDVPRLSKKKADTLAGALQRHQG  160
consensus                                    !!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!! !*!!!! !!!!!!!!!**!!!!!! !!! !!!!!!
```

logo



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NTDB id 205995 BMJ37 RS13135 WP 029973377.1  LEQIMISLNQYGFGPQLSMKIYQAYETETLEKIQENPYQLVKDVEGIGFVKADELGGKMGLSGNHPERIKAAILYTIEST  236
NTDB id 355 BSU 27480 NP 390625.1            LEQIMISLNQFGFGPQLSMKIYQAYESETLEKIQENPYQLVKDVEGIGFGKADELGSRMGLSGNHPERVKAAILYTLETT  240
consensus                                    !!!!!!!!!!*!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!! !!!!!! *!!!!!!!!!!*!!!!!!!*!*!
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logo

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NTDB id 205995 BMJ37 RS13135 WP 029973377.1  CLSEGHTYIETKQLIINTQTLLNQSA.EGGRVTEMDAADGIIALGESKDIVIEGERCYFPSLFYAEQNVAKRVLDIAAQT  315
NTDB id 355 BSU 27480 NP 390625.1            CLSEGHTYIETEQLIIDTQSLLNQSAREGQRITEMDAANAIIALGENKDIVIEDGRCYFPSLFYAEQNVAKRVKHIASQT  320
consensus                                    !!!!!!!!!!! !!!! !!*!!!!!!*!! !*!!!!!! *!!!!!! !!!!!!  !!!!!!!!!!!!!!!!!! *!! !!
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logo

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NTDB id 205995 BMJ37 RS13135 WP 029973377.1  EYADQFPESEFLLALGELEERMNVQYAPSQKDAIQKALSSPMLLLTGGPGTGKTTVIKGIVELYSELHGVSLDPGDYKKD  395
NTDB id 355 BSU 27480 NP 390625.1            EYENQFPESEFLLALGELEERMDVQYAPSQKEAIQKALSSPMLLLTGGPGTGKTTVIRGIVELYGELHGVSLDPSAYKKD  400
consensus                                    !!  !!!!!!!!!!!!!!!!!! !!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!! !!!!!!!!!  !!!!
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logo

```
NTDB id 205995 BMJ37 RS13135 WP 029973377.1  ETFPVLLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTYNEDQPIEGKLIIIDEASMLDIWLASHLFKALPKHIQL  475
NTDB id 355 BSU 27480 NP 390625.1            EAFPIVLAAPTGRAAKRMSESTGLPAVTIHRLLGWNGAEGFTHTEDQPIEGKLLIIDEASMLDIWLANHLFKAIPDHIQI  480
consensus                                    ! !!**!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!* !!!!!!!!!*!!!!!!!!!!!!! !!!!!*! !!!*
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logo

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NTDB id 205995 BMJ37 RS13135 WP 029973377.1  IVVGDEDQLPSVGPGQVLRDLLASEVLPTVRLTDIYRQAEGSSIVELAHDMKKGLLPKGLTAPTKDRSFIRCNSSQIKEV  555
NTDB id 355 BSU 27480 NP 390625.1            IIVGDEDQLPSVGPGQVLRDLLASQVIPTVRLTDIYRQAEGSSIVELAHQMKNGLLPNNLTAPTKDRSFIRCGGSQIKEV  560
consensus                                    !*!!!!!!!!!!!!!!!!!!!!!! !*!!!!!!!!!!!!!!!!!!!!!! !! !!!!  !!!!!!!!!!!!!  !!!!!!
```

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logo
NTDB id 205995 BMJ37 RS13135 WP 029973377.1  VDQVVSNALKKGYTSRDIQALAPMYRGKAGINELNMLLQDIMNPPKENRRELKFGDVVYRTGDKILQLVNQPENNVFNGD  635
NTDB id 355 BSU 27480 NP 390625.1            VEKVVANALKKGYTAKDIQVLAPMYRGKAGINELNVMLQDILNPPKEKRRELKFGDVVYRTGDKILQLVNQPENNVFNGD  640
consensus                                    !* !! !!!!!!!! *!!! !!!!!!!!!!!!!!!**!!!!*!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 205995 BMJ37 RS13135 WP 029973377.1  IGEIVSIFYAKENTEKEDMVVVSFDGNEITFTKKDFSQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAIT  715
NTDB id 355 BSU 27480 NP 390625.1            IGEITSIFYAKENTEKEDMAVVSFDGNEMTFTKKDFNQFTHAYCCSIHKSQGSEFPIVVLPVVKGYYRMLRRNLLYTAIT  720
consensus                                    !!!! !!!!!!!!!!!!!! !!!!!!!!!*!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 205995 BMJ37 RS13135 WP 029973377.1  RAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLTEQTEEMDAELAALQKELPFSVYDANIGMEGITPFDFMEEKA.  792
NTDB id 355 BSU 27480 NP 390625.1            RAKKFLILCGEEEALEWGVKNNDATVRQTSLKNRLSVQVEEMDAELEALQKELPFSVHDANIGMEGITPFDFMKEEQQ  798
consensus                                    !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!* ! !!!!!!! !!!!!!!!!!!*!!!!!!!!!!!!!!!! !  *
```

X non conserved

X similar

X $\geq$ 50% conserved