logo
NTDB id 617 LCA RS06480 WP 011375001.1 .MSTEEKLTTLLKHCAKQRVQDLYFTPTIGGWRLTERRQSDLVTNQELDKPTGTRYLNRLKYMAGMDISETRRAQTGRSE 79
NTDB id 586 KW2 RS10855 WP 011836048.1 ..MVQKKAQELIQKAIEMEASDIYLIASGNLYKIYIRQQLGRTLIEEVNQEIGLALLTHFKFLAGMNTGERRRVQLGACW 78
NTDB id 584 DLJ51 RS00890 WP 019777327.1 MVEVQELGKELIRQAVEEQAQDIYLLPKPAVYKIYLRFGEKRHLIQTCPPEQAAGLISHFKFLAGMNVGEKRRAQLGACD 80
NTDB id 385 SMU RS09035 WP 002263435.1 ..MVQKLGRKIIAEAVQNKAQDIYIIPKKESYELYMRIGNERRFIDVYDHHFMANLISHFKFVAGMNVGEKRRSQLGSCD 78
NTDB id 394 FSA28 RS09405 WP 002291652.1 ..MVQKLGRKIIAEAVQNKAQDIYIIPKKESYELYMRIGNERRFIDVYDHHFMANLISHFKFVAGMNVGEKRRSQLGSCD 78
NTDB id 429 SGO RS09420 WP 012130942.1 ..MVQKIAQAIVRQAKEECAQDIYFVPKDDCYELYMRIGDERRFIQTYDFDQLAAVISHFKFLAGMNVGEKRRSQLGSCD 78
NTDB id 500 SM12261 RS00945 WP 000249545.1 ..MVQEIAQEIIRSARKKGAQDIYFVPKLDAYELHMRVGDERCKIGCYDFEKFAAVISHFKFVAGMNVGEKRRSQLGSCD 78
NTDB id 49274 SPNOXC RS09965 WP 000249552.1 ..MVQEIAQEIIRSARKKGAQDIYFVPKLDAYELHMRVGDERCKIGSYDFEKFAAVISHFKFVAGMNVGEKRRSQLGSCD 78
NTDB id 270 KZH43 RS09265 WP 000249564.1 ..MVQEIAQEIIRSARKKGTQDIYFVPKLDAYELHMRVGDERCKIGSYDFEKFAAVISHFKFVAGMNVGEKRRSQLGSCD 78
NTDB id 229 SPD RS09895 WP 000249564.1 ..MVQEIAQEIIRSARKKGTQDIYFVPKLDAYELHMRVGDERCKIGSYDFEKFAAVISHFKFVAGMNVGEKRRSQLGSCD 78
NTDB id 195 SPR RS09430 WP 000249564.1 ..MVQEIAQEIIRSARKKGTQDIYFVPKLDAYELHMRVGDERCKIGSYDFEKFAAVISHFKFVAGMNVGEKRRSQLGSCD 78
NTDB id 160 SP RS10380 WP 000249564.1 ..MVQEIAQEIIRSARKKGTQDIYFVPKLDAYELHMRVGDERCKIGSYDFEKFAAVISHFKFVAGMNVGEKRRSQLGSCD 78
consensus

logo
NTDB id 617 LCA RS06480 WP 011375001.1 LQLAD.QTIYLRLATVGDFLNRESLVIRFIYPIGAIYHCDDQQILAQLTQMSRQSGLILFAGPTGSGKTTSLYHLAQQSM 158
NTDB id 586 KW2 RS10855 WP 011836048.1 YELEGSSAKRLRLSTVGDFEGNESLVIRLLHDQKQELEFWFD.DK..LQDFRCKRGLYLFAGPVGSGKTSLMFDLAHRHF 155
NTDB id 584 DLJ51 RS00890 WP 019777327.1 YAFADGETAALRLSTVGDYQGRESLVIRLLFDRKRELKFWFD.GLNALLPKIIGRGLYLFSGPVGSGKTTLMYELVSRKY 159
NTDB id 385 SMU RS09035 WP 002263435.1 YSYDEGKVISLRLSSVGDYRGYESLVIRLLFSGRHDLKFWFN.SMDLILNEIKGRGLYLFSGPVGSGKTSLMYQLVKLRF 157
NTDB id 394 FSA28 RS09405 WP 002291652.1 YSYDEGKVISLRLSSVGDYRGYESLVIRLLFSGRHDLKFWFN.SMDLILNEIKGRGLYLFSGPVGSGKTSLMYQLVKLRF 157
NTDB id 429 SGO RS09420 WP 012130942.1 YRYDD.KETSIRLSTVGDYRGYESLVIRLLHDEETELKFWFT.HFPELREKFKDRGLYLFSGPVGSGKTTLMHQLAQLKF 156
NTDB id 500 SM12261 RS00945 WP 000249545.1 YEYDQ.KMASLRLSTVGDYRGHESLVIRLLHDEEQDLHFWFQ.DIEELGKQYRQRGLYLFAGPVGSGKTTLMHELAKSLF 156
NTDB id 49274 SPNOXC RS09965 WP 000249552.1 YAYDQ.KMASLRLSTVGDYRGHESLVIRLLHDEEQDLHFWFQ.DIEELGKQYRQRGLYLFAGPVGSGKTTLMHELSKSLF 156
NTDB id 270 KZH43 RS09265 WP 000249564.1 YAYDH.KIASLRLSTVGDYRGHESLVIRLLHDEEQDLHFWFQ.DIEELGKQYRQRGLYLFAGPVGSGKTTLMHELSKSLF 156
NTDB id 229 SPD RS09895 WP 000249564.1 YAYDH.KIASLRLSTVGDYRGHESLVIRLLHDEEQDLHFWFQ.DIEELGKQYRQRGLYLFAGPVGSGKTTLMHELSKSLF 156
NTDB id 195 SPR RS09430 WP 000249564.1 YAYDH.KIASLRLSTVGDYRGHESLVIRLLHDEEQDLHFWFQ.DIEELGKQYRQRGLYLFAGPVGSGKTTLMHELSKSLF 156
NTDB id 160 SP RS10380 WP 000249564.1 YAYDH.KIASLRLSTVGDYRGHESLVIRLLHDEEQDLHFWFQ.DIEELGKQYRQRGLYLFAGPVGSGKTTLMHELSKSLF 156
consensus

logo
NTDB id 617 LCA RS06480 WP 011375001.1 SAKMVVAIEDPIEIVAPEFLQLQVNDNAGLSYAELLKISLRLRPDTLIIGEIRDLETAQYVVSAALSGHLVLSTIHARST 238
NTDB id 586 KW2 RS10855 WP 011836048.1 SNAQVITIEEPVELIDSDFIQLQVNDVIGNSYDELIKLSLRHRPDLLIVGEIRDQQTARAVLRASLTGYTVFSTIHAASV 235
NTDB id 584 DLJ51 RS00890 WP 019777327.1 PDSQIITIEDPVEIKQDNMLQLQLNPSIGMTYDHLIKLSLRHRPDVLIIGEIRDRETAQAVIRASLTGIRVFSTVHAKSI 239
NTDB id 385 SMU RS09035 WP 002263435.1 ETKQVITIEDPVEIKQDNMLQLQLNESIDMTYDNLIKLSLRHRPDILIIGEIRDKETARAVIRASLTGAMVFSTIHAKSI 237
NTDB id 394 FSA28 RS09405 WP 002291652.1 ETKQVITIEDPVEIKQDNMLQLQLNESIDMTYDNLIKLSLRHRPDILIIGEIRDKETARAVIRASLTGAMVFSTIHAKSI 237
NTDB id 429 SGO RS09420 WP 012130942.1 KGQQVMSIEDPVEIKQEDMLQLQLNETIGLTYESLIKLSLRHRPDLLIIGEIRDSETARAVVRASLTGATVFSTIHAKSI 236
NTDB id 500 SM12261 RS00945 WP 000249545.1 KGQQVMSIEDPVEIKQDNMLQLQLNEAIGLTYENLIKLSLRHRPDLLIIGEIRDSETARAVVRASLTGATVFSTIHAKSI 236
NTDB id 49274 SPNOXC RS09965 WP 000249552.1 KGQQVMSIEDPVEIKQDDMLQLQLNEAIGLTYENLIKLSLRHRPDLLIIGEIRDIETARAVVRASLTGATVFSTIHAKSI 236
NTDB id 270 KZH43 RS09265 WP 000249564.1 KGQQVMSIEDPVEIKQDDMLQLQLNEAIGLTYENLIKLSLRHRPDLLIIGEIRDSETARAVVRASLTGATVFSTIHAKSI 236
NTDB id 229 SPD RS09895 WP 000249564.1 KGQQVMSIEDPVEIKQDDMLQLQLNEAIGLTYENLIKLSLRHRPDLLIIGEIRDSETARAVVRASLTGATVFSTIHAKSI 236
NTDB id 195 SPR RS09430 WP 000249564.1 KGQQVMSIEDPVEIKQDDMLQLQLNEAIGLTYENLIKLSLRHRPDLLIIGEIRDSETARAVVRASLTGATVFSTIHAKSI 236
NTDB id 160 SP RS10380 WP 000249564.1 KGQQVMSIEDPVEIKQDDMLQLQLNEAIGLTYENLIKLSLRHRPDLLIIGEIRDSETARAVVRASLTGATVFSTIHAKSI 236
consensus

logo

```
NTDB id 617 LCA RS06480 WP 011375001.1      QGVVARLLDLGISELQLRACLTGIAYQSLVTKDDVVQAH...YELLTGSDYFSKKE.............GGCDV.......   296
NTDB id 586 KW2 RS10855 WP 011836048.1      KGVVQRLLELGLSDWELKNGLEAVVYQRLIAGKGVLDIAKSKFDTWSPKKWNEKIENLYANGHLTAIEAERFKISINQAS   315
NTDB id 584 DLJ51 RS00890 WP 019777327.1    PGVYARILELGVSQDELDNCLAGIAYQRLIGGGGLIDFAQDHFQNHQAECWNEKIDQLLAAGHLTEEEAAAEKIKD....   315
NTDB id 385 SMU RS09035 WP 002263435.1      PGVYARMLELGTSSEELQNALRGIVYQRLIGGGGIIDFAKGDYQNHSAKKWNKQIYDLFTAGYITEGEAQAEEIED....   313
NTDB id 394 FSA28 RS09405 WP 002291652.1    PGVYARMLELGTSSEELQNALCGIVYQRLIGGGGIIDFAKGDYQNHSAKKWNKQIYDLFTAGYITEGEAQAEEIED....   313
NTDB id 429 SGO RS09420 WP 012130942.1      PGVYERLLELGVSEEELKIVLQGICYQRLIGGGGVIDFASDNYQEHEPTVWNQQIDQLLAAGHIHPEQAEAEKIRNQQAK   316
NTDB id 500 SM12261 RS00945 WP 000249545.1  RGVYERLLELGVSEEELAVVLQGVCYQRLIGGGGIVDFANKDYQEHQSTSWNAQIDQLLKDGHITSLQAETEKISYS...   313
NTDB id 49274 SPNOXC RS09965 WP 000249552.1 RGVYERLLELGVSEEELAVVLQGVCYQRLIGGGGIVDFANRDYQEHQAAKWNEQIDQLLKDGHITSLQAETEKISYS...   313
NTDB id 270 KZH43 RS09265 WP 000249564.1    RGVYERLLELGVSEEELAVVLQGVCYQRLIGGGGIVDFASRDYQEHQAAKWNEQIDQLLKDGHITSLQAETEKISYS...   313
NTDB id 229 SPD RS09895 WP 000249564.1      RGVYERLLELGVSEEELAVVLQGVCYQRLIGGGGIVDFASRDYQEHQAAKWNEQIDQLLKDGHITSLQAETEKISYS...   313
NTDB id 195 SPR RS09430 WP 000249564.1      RGVYERLLELGVSEEELAVVLQGVCYQRLIGGGGIVDFASRDYQEHQAAKWNEQIDQLLKDGHITSLQAETEKISYS...   313
NTDB id 160 SP RS10380 WP 000249564.1       RGVYERLLELGVSEEELAVVLQGVCYQRLIGGGGIVDFASRDYQEHQAAKWNEQIDQLLKDGHITSLQAETEKISYS...   313
consensus                                   *!!**!*!*!!*!***! **!****!!*!********** ******* ********** **** **** ****
```

logo

```
NTDB id 617 LCA RS06480 WP 011375001.1      ...........   296
NTDB id 586 KW2 RS10855 WP 011836048.1      KIDTTDGESFE   326
NTDB id 584 DLJ51 RS00890 WP 019777327.1    ...........   315
NTDB id 385 SMU RS09035 WP 002263435.1      ...........   313
NTDB id 394 FSA28 RS09405 WP 002291652.1    ...........   313
NTDB id 429 SGO RS09420 WP 012130942.1      TSY........   319
NTDB id 500 SM12261 RS00945 WP 000249545.1  ...........   313
NTDB id 49274 SPNOXC RS09965 WP 000249552.1 ...........   313
NTDB id 270 KZH43 RS09265 WP 000249564.1    ...........   313
NTDB id 229 SPD RS09895 WP 000249564.1      ...........   313
NTDB id 195 SPR RS09430 WP 000249564.1      ...........   313
NTDB id 160 SP RS10380 WP 000249564.1       ...........   313
consensus
```

X non conserved
X similar
X ≥ 50% conserved