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NTDB id 617 LCA RS06480 WP 011375001.1
NTDB id 586 KW2 RS10855 WP 011836048.1
NTDB id 584 DLJ51 RS00890 WP 019777327.1
NTDB id 385 SMU RS09035 WP 002263435.1
NTDB id 394 FSA28 RS09405 WP 002291652.1
NTDB id 180662 AGM16 RS00775 WP 024417411.1
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NTDB id 229 SPD RS09895 WP 000249564.1
NTDB id 195 SPR RS09430 WP 000249564.1
NTDB id 160 SP RS10380 WP 000249564.1
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.MSTEEKLTTLLKHC AKQRVQDLYFTPTIGGRWLTERRQSDLVTNQELDKPTGTRYLNRLKYMAGMDISETRR AQTGRSE 79
 .MVQKKAQELIQKAIEM EASDIYL IASGNLYKIYIRQLGRTLTEEVNQEIGLALLTHFKFLAGMNTGERRVQLGACW 80
 MVEVQELGKGLIRQAEEVQAQDIYLLPKPAVYKIYLRFGCEKRLHIQTCPPEQAAGLISHFKFLAGMNVGEKRRR AQLGACD 81
 .MVQKLG RKIIIAEAVQNKAQDIYIIPKKE SYEL YMRIGNERRFIDVYDHHFMANLISHFKFVAGMNVGEKRRS QLGSCD 78
 .MVQKLG RKIIIAEAVQNKAQDIYIIPKKE SYEL YMRIGNERRFIDVYDHHFMANLISHFKFVAGMNVGEKRRS QLGSCD 78
 .MIQEKSRLIEKAVADRVS DIYLVPRGESYQVYHRIMDEREFVQDLAEFEVTAIISHFKFLAGLNVGEKRRS QQGSCD 78
 .MVQKIAQAIIVRKAKECAQDIYFVVPKDDCYEL YMRIGDERRFITQTYDFDQLAAVISHFKFLAGMNVGEKRRS QLGSCD 78
 .MVQEIAQEIIIRSARKKGAQDIYFVVPKLDAYELHMRV GDERCKIGCYDFEKFAAVISHFK FVAGMNVGEKRRS QLGSCD 78
 .MVQEIAQEIIIRSARKKGTQDIYFVVPKLDAYELHMRV GDERCKIGSYDFEKFAAVISHFK FVAGMNVGEKRRS QLGSCD 78
 .MVQEIAQEIIIRSARKKGTQDIYFVVPKLDAYELHMRV GDERCKIGSYDFEKFAAVISHFK FVAGMNVGEKRRS QLGSCD 78
 .MVQEIAQEIIIRSARKKGTQDIYFVVPKLDAYELHMRV GDERCKIGSYDFEKFAAVISHFK FVAGMNVGEKRRS QLGSCD 78
 .MVQEIAQEIIIRSARKKGTQDIYFVVPKLDAYELHMRV GDERCKIGSYDFEKFAAVISHFK FVAGMNVGEKRRS QLGSCD 78

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NTDB id 160 SP RS10380 WP 000249564.1
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Y Y D K A S L R L S T V G D Y R G E S L V I R L L H D E E Q D L H F W F Q D I E E L G K Q Y R Q R G L Y L F A G P V G S G K T T L M H E L A K S L F		
LQLADQ.TIYLRRLATVGDFLNR	ESLVIRFITYPIGAIYHCDDQI LAQLTQMSRQSGLIIFAGPTGSGKTTSLYHLAQQSM	158
YEL EGSSAKRLRLSTVGDFEGN	ESLVIRLLHDKQKLELFWFD.DK.LQDFRCKRGLYLFAGPVGSGKTSLMFDLAHRHF	155
YAFADGETAALRLSTVG DYQGR	ESLVIRLLFDRKRLKFWFD.GNALPKPIGRGLYLFSGPVSGKTTLMYELVSRKY	159
YSYDEGKVISLRLSVSGDYRGY	ESLVIRLLFSGRHDLKFWFN.SMDLILNEIKRGLYLFSGPVSGKTTSLMYQLVKLRF	157
YSYDEGKVISLRLSVSGDYRGY	ESLVIRLLFSGRHDLKFWFN.SMDLILNEIKRGLYLFSGPVSGKTTSLMYQLVKLRF	157
YDYGSG.EISLRSLSTVG DYRGK	ESLVIRLLYDNKELKFWFE.AAERLAEI IKRGLYLFSGPVSGKTTLMYHLARLKF	156
YRYDDK.ETSLRLSTVG DYRGY	ESLVIRLLHDEETELKFWFT.HFPELREKFDRLGLYLFSGPVSGKTTLMHQLAQLKF	156
YEYDQK.MASLRSLSTVG DYRGH	ESLVIRLLHDEEQDLHFWFQ.DIEELGKQYRQRLGLYLFAGPVGSGKTTLMH ELAKSLF	156
YAYDHK.IASLRSLSTVG DYRGH	ESLVIRLLHDEEQDLHFWFQ.DIEELGKQYRQRLGLYLFAGPVGSGKTTLMH EL SKSLF	156
YAYDHK.IASLRSLSTVG DYRGH	ESLVIRLLHDEEQDLHFWFQ.DIEELGKQYRQRLGLYLFAGPVGSGKTTLMH EL SKSLF	156
YAYDHK.IASLRSLSTVG DYRGH	ESLVIRLLHDEEQDLHFWFQ.DIEELGKQYRQRLGLYLFAGPVGSGKTTLMH EL SKSLF	156
YAYDHK.IASLRSLSTVG DYRGH	ESLVIRLLHDEEQDLHFWFQ.DIEELGKQYRQRLGLYLFAGPVGSGKTTLMH EL SKSLF	156

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NTDB id 229 SPD RS09895 WP 000249564.1
NTDB id 195 SPR RS09430 WP 000249564.1
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[illegible]

logo

NTDB id 617 LCA RS06480 WP 011375001.1	QGVVARLLDLGISELQLRACLTGTAYQSLVTKDDVVQAH...YELLTGSDYFSKKE.....GGCDV.....	296
NTDB id 586 KW2 RS10855 WP 011836048.1	KGVVQRLLELGLSDWELKNGLEAVVYQRLIAGKGVLDIAKSKFDTWSPKKWNEKTIENLYANGHLTAIEAEREKISINQAS	315
NTDB id 584 DLJ51 RS00890 WP 019777327.1	PGVYARILELGVSDDELNCLAGIAYQRLIGGGGLIDFAQDHFQNHQAECWNEKIDQLLAAGHLTEEEAAAEEKIKD....	315
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NTDB id 180662 A6M16 RS00775 WP 024417411.1	SGVYARMLELGVSPPEELNNALQGIAYQRLIGGGGVVDFAKGNYQNHSAQWNAQIDRLFAAGHISLRQAETEKIALGSPA	316
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NTDB id 500 SM12261 RS00945 WP 000249545.1	RGVYERLLELGVSEEEELAVVLQGCYQRLIGGGGIVDFANKDYQEHQSTSWNAQIDQLLLKDGHITSLQAETEKISYS...	313
NTDB id 270 KZH43 RS09265 WP 000249564.1	RGVYERLLELGVSEEEELAVVLQGCYQRLIGGGGIVDFASRDYQEHQAQWNEQIDQLLLKDGHITSLQAETEKISYS...	313
NTDB id 229 SPD RS09895 WP 000249564.1	RGVYERLLELGVSEEEELAVVLQGCYQRLIGGGGIVDFASRDYQEHQAQWNEQIDQLLLKDGHITSLQAETEKISYS...	313
NTDB id 195 SPR RS09430 WP 000249564.1	RGVYERLLELGVSEEEELAVVLQGCYQRLIGGGGIVDFASRDYQEHQAQWNEQIDQLLLKDGHITSLQAETEKISYS...	313
NTDB id 160 SP RS10380 WP 000249564.1	RGVYERLLELGVSEEEELAVVLQGCYQRLIGGGGIVDFASRDYQEHQAQWNEQIDQLLLKDGHITSLQAETEKISYS...	313
consensus	!!*!*!!!!*!***!!***!!*!************* ** * * **** ***** **** **	

logo

NTDB id 617 LCA RS06480 WP 011375001.1	TSYTTDGESEFE	296
NTDB id 586 KW2 RS10855 WP 011836048.1	KIDTTDGESEFE	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 180662 A6M16 RS00775 WP 024417411.1		316
NTDB id 429 SGO RS09420 WP 012130942.1	TSY.....	319
NTDB id 500 SM12261 RS00945 WP 000249545.1		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