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NTDB id 617 LCA RS06480 WP 011375001.1	.MST	EEKLTTLLKHCAKQRRVQDLYFTPTIGGWRLTERRQSDLVTNQELDKPTGTRYLNRLKYMAGMDISETRRAQTGRSE	79				
NTDB id 586 KW2 RS10855 WP 011836048.1	..	MVQKKAQELIQKAIEMEASDIYLTASGNLYKIYIRQQLGRTLIEEVNQEIGLALLTHFKFLAGMNTGERRRVQLGACW	78				
NTDB id 584 DLJ51 RS00890 WP 019777327.1	MVEVQELGKELIRQAVEEQAQDIYLLPKPAVYKIYLRFGCKRHLIQTCPP	EQAAGLISHFKFLAGMNVGEKRR	AQLGACD	80			
NTDB id 385 SMU RS09035 WP 002263435.1	..	MVQKLGRKIIAEAVQNKAQDIYIIPKKESYELMRIGNERRFIDVYDHHFMANLISHFKFVAGMNVGEKRRS	QLGSCD	78			
NTDB id 394 FSA28 RS09405 WP 002291652.1	..	MVQKLGRKIIAEAVQNKAQDIYIIPKKESYELMRIGNERRFIDVYDHHFMANLISHFKFVAGMNVGEKRRS	QLGSCD	78			
NTDB id 429 SGO RS09420 WP 012130942.1	..	MVQKIAQAIIVRQAKEECAQDIYFVPKDDCYELMYRIGDERRFIQTYDFDQLAAVISHFKFLAGMNVGEKRRS	QLGSCD	78			
NTDB id 500 SM12261 RS00945 WP 000249545.1	..	MVQEIAQEIIIRSARKKGAQDIYFVPKLDAYELHMRVGD	ERCKIGCYDFEKF	AAVISHFKFVAGMNVGEKRRS	QLGSCD	78	
NTDB id 337787 EQH29 RS09560 WP 000249556.1	..	MVQEIAQEIIIRSARKKGAQDIYFVPKLDAYELHMRVGD	ERCKIGSYDFEKF	AAVISHFKFVAGMNVGEKRRS	QLGSCD	78	
NTDB id 270 KZH43 RS09265 WP 000249564.1	..	MVQEIAQEIIIRSARKKGTQDIYFVPKLDAYELHMRVGD	ERCKIGSYDFEKF	AAVISHFKFVAGMNVGEKRRS	QLGSCD	78	
NTDB id 229 SPD RS09895 WP 000249564.1	..	MVQEIAQEIIIRSARKKGTQDIYFVPKLDAYELHMRVGD	ERCKIGSYDFEKF	AAVISHFKFVAGMNVGEKRRS	QLGSCD	78	
NTDB id 195 SPR RS09430 WP 000249564.1	..	MVQEIAQEIIIRSARKKGTQDIYFVPKLDAYELHMRVGD	ERCKIGSYDFEKF	AAVISHFKFVAGMNVGEKRRS	QLGSCD	78	
NTDB id 160 SP RS10380 WP 000249564.1	..	MVQEIAQEIIIRSARKKGTQDIYFVPKLDAYELHMRVGD	ERCKIGSYDFEKF	AAVISHFKFVAGMNVGEKRRS	QLGSCD	78	
consensus		***** **	***!!*****	!!*****	*	*****	*****!!*!!*!!*!!*!!*!!*!!*

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NTDB id 617 LCA RS06480 WP 011375001.1	LQLAD.QTIYLR	LATVGDFLNRESL	VIRFTYPIGAIYH	CDDQQLAQLTQMSRQSGLI	ILFAGPTGSGKTTSLYHL	LAQQSM	158	
NTDB id 586 KW2 RS10855 WP 011836048.1	YEL	EGSSAKRLRLSTVGDFEGNESL	VIRLLHDKQKELEFWFD.DK..	LQDFRCKRGLYLFAGPVGSGKT	SLMFLDLA	HRHF	155	
NTDB id 584 DLJ51 RS00890 WP 019777327.1	YAFADGETA	ALRLSTVGDYQGRESL	VIRLLFDRKRHLKFWFD.GLNALLPKIIGRGLYLF	SGPVGSGKTTLMYEL	VSRKY		159	
NTDB id 385 SMU RS09035 WP 002263435.1	YSYDEG	KVISLR	LSVSGDYRGYESL	VIRLLFSGRHD	LKFWFN.SMDLILNEIKGRGLYLF	SGPVGSGKTSLMYQLV	KLRF	157
NTDB id 394 FSA28 RS09405 WP 002291652.1	YSYDEG	KVISLR	LSVSGDYRGYESL	VIRLLFSGRHD	LKFWFN.SMDLILNEIKGRGLYLF	SGPVGSGKTSLMYQLV	KLRF	157
NTDB id 429 SGO RS09420 WP 012130942.1	YRYDD.KETS	IRLSTVGDYRGYESL	VIRLLHDEETELKFWFT.HFPELREKFKDRGLYLF	SGPVGSGKTTLMHQLAQLKF			156	
NTDB id 500 SM12261 RS00945 WP 000249545.1	YEYDQ.KMAS	LRLSTVGDYRGHESL	VIRLLHDEEQDLHFWFQ.DIEELGKQYRQRGLYLF	AGPVGSGKTTLMHELAKSLF			156	
NTDB id 337787 EQH29 RS09560 WP 000249556.1	YAYDQ.KMAS	LRLSTVGDYRGHESL	VIRLLHDEEQDLHFWFQ.DIEELGKQYRQRGLYLF	AGPVGSGKTTLMHELAKSLF			156	
NTDB id 270 KZH43 RS09265 WP 000249564.1	YAYDH.KI	ASLRLSTVGDYRGHESL	VIRLLHDEEQDLHFWFQ.DIEELGKQYRQRGLYLF	AGPVGSGKTTLMHELAKSLF			156	
NTDB id 229 SPD RS09895 WP 000249564.1	YAYDH.KI	ASLRLSTVGDYRGHESL	VIRLLHDEEQDLHFWFQ.DIEELGKQYRQRGLYLF	AGPVGSGKTTLMHELAKSLF			156	
NTDB id 195 SPR RS09430 WP 000249564.1	YAYDH.KI	ASLRLSTVGDYRGHESL	VIRLLHDEEQDLHFWFQ.DIEELGKQYRQRGLYLF	AGPVGSGKTTLMHELAKSLF			156	
NTDB id 160 SP RS10380 WP 000249564.1	YAYDH.KI	ASLRLSTVGDYRGHESL	VIRLLHDEEQDLHFWFQ.DIEELGKQYRQRGLYLF	AGPVGSGKTTLMHELAKSLF			156	
consensus	*	*	*	*****!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*	*****	*****!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*	*	*

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NTDB id 617	LCA RS06480 WP 011375001.1	SAKMVV	AIEDPIEIVAPEFLQLQVNDNAGLSYAEL	LKISLR	LRPD	LIIGEIRD	LETAQYVV	SAALS	GHVL	V	STIHAR	ST	238
NTDB id 586	KW2 RS10855 WP 011836048.1	SNAQVI	TIEPVELIDSDFIQLQVNDVIGNSY	DELIKLSLR	HRPD	LIIGEIRD	QQTARAV	LRASLT	GYTV	FSTIHAA	SV		235
NTDB id 584	DLJ51 RS00890 WP 019777327.1	PDSQII	TIEDPVEIKQDNMLQLQNLNPSIGMTY	DHLIKLSLR	HRPD	LIIGEIRD	RETAQAV	IRASLT	GIRV	FSTIHAA	SV		239
NTDB id 385	SMU RS09035 WP 002263435.1	ETKQVI	TIEDPVEIKQDNMLQLQNLNESIDMTY	DNLIKLSLR	HRPD	LIIGEIRD	KETARAV	IRASLT	GAMV	FSTIHAKSI			237
NTDB id 394	FSA28 RS09405 WP 002291652.1	ETKQVI	TIEDPVEIKQDNMLQLQNLNESIDMTY	DNLIKLSLR	HRPD	LIIGEIRD	KETARAV	IRASLT	GAMV	FSTIHAKSI			237
NTDB id 429	SGO RS09420 WP 012130942.1	KGQQVMS	IEDPVEIKQEDMLQLQLNETIGLTYE	SLIKLSLR	HRPD	LIIGEIRD	SETARAV	VVRASLT	GATV	FSTIHAKSI			236
NTDB id 500	SM12261 RS00945 WP 000249545.1	KGQQVMS	IEDPVEIKQDNMLQLQLNEAIGLTYEN	LKLSLR	HRPD	LIIGEIRD	SETARAV	VVRASLT	GATV	FSTIHAKSI			236
NTDB id 337787	EQH29 RS09560 WP 000249556.1	KGQQVMS	IEDPVEIKQDDMLQLQLNEAIGLTYEN	LKLSLR	HRPD	LIIGEIRD	SETARAV	VVRASLT	GATV	FSTIHAKSI			236
NTDB id 270	KZH43 RS09265 WP 000249564.1	KGQQVMS	IEDPVEIKQDDMLQLQLNEAIGLTYEN	LKLSLR	HRPD	LIIGEIRD	SETARAV	VVRASLT	GATV	FSTIHAKSI			236
NTDB id 229	SPD RS09895 WP 000249564.1	KGQQVMS	IEDPVEIKQDDMLQLQLNEAIGLTYEN	LKLSLR	HRPD	LIIGEIRD	SETARAV	VVRASLT	GATV	FSTIHAKSI			236
NTDB id 195	SPR RS09430 WP 000249564.1	KGQQVMS	IEDPVEIKQDDMLQLQLNEAIGLTYEN	LKLSLR	HRPD	LIIGEIRD	SETARAV	VVRASLT	GATV	FSTIHAKSI			236
NTDB id 160	SP RS10380 WP 000249564.1	KGQQVMS	IEDPVEIKQDDMLQLQLNEAIGLTYEN	LKLSLR	HRPD	LIIGEIRD	SETARAV	VVRASLT	GATV	FSTIHAKSI			236
consensus		*****!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*****											

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NTDB id 429 SGO RS09420 WP 012130942.1
NTDB id 500 SM12261 RS00945 WP 000249545.1
NTDB id 337787 EQH29 RS09560 WP 000249556.1
NTDB id 270 KZH43 RS09265 WP 000249564.1
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NTDB id 195 SPR RS09430 WP 000249564.1
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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
consensus
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KIDTTD	GESFE	
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.	.	326
.	.	315
.	.	313
.	.	313
TSY	.	319
.	.	313
.	.	313
.	.	313
.	.	313
.	.	313
.	.	313
.	.	313
.	.	313
X		non conserved
M		similar
L		≥ 50% conserved

- X non conserved
- X similar
- X $\geq 50\%$ conserved