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NTDB id 617 LCA RS06480 WP 011375001.1	.MST	EEKLTTLLKHCAKQRRVQDLYFTPTIGGWRLTERRQSDLVTNQELDKPTGTRYLNRLKYMAGMDISETRRAQTGRSE	79			
NTDB id 586 KW2 RS10855 WP 011836048.1	..	MVQKKKAQELIQKAIEMEASDIYLTASGNLYKIYIRQQLGRTLIEEVNQEIGLALLTHFKFLAGMNTGERRRVQLGACW	78			
NTDB id 584 DLJ51 RS00890 WP 019777327.1	MVEVQELGKELIRQA	AVEEQAQDIYLLPKPAVYKIYLRFGKRLHIQTCPP	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	..	MVQEIAQEIIRSARKKGAQDIYFVPKLDAYELHMRVGD	ERCKIGCYDFEKF	AAVISHFKFVAGMNVGEKRRS	QLGSCD	78
NTDB id 304864 DV130 RS09240 WP 000249571.1	..	MVQEIAQEIIRSARKKGTQDIYFVPKLDAYELHMRVGD	ERCKIGSYDFEKF	AAVISHFKFVAGMNVGEKRRS	QLGSCD	78
NTDB id 270 KZH43 RS09265 WP 000249564.1	..	MVQEIAQEIIRSARKKGTQDIYFVPKLDAYELHMRVGD	ERCKIGSYDFEKF	AAVISHFKFVAGMNVGEKRRS	QLGSCD	78
NTDB id 229 SPD RS09895 WP 000249564.1	..	MVQEIAQEIIRSARKKGTQDIYFVPKLDAYELHMRVGD	ERCKIGSYDFEKF	AAVISHFKFVAGMNVGEKRRS	QLGSCD	78
NTDB id 195 SPR RS09430 WP 000249564.1	..	MVQEIAQEIIRSARKKGTQDIYFVPKLDAYELHMRVGD	ERCKIGSYDFEKF	AAVISHFKFVAGMNVGEKRRS	QLGSCD	78
NTDB id 160 SP RS10380 WP 000249564.1	..	MVQEIAQEIIRSARKKGTQDIYFVPKLDAYELHMRVGD	ERCKIGSYDFEKF	AAVISHFKFVAGMNVGEKRRS	QLGSCD	78
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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	VIRLLHDKQ	ELEFWFD.DK..	LQDFRCKRGLYLFAGPVGSGKT	SLMFLAHRHF	155
NTDB id 584 DLJ51 RS00890 WP 019777327.1	YAFADGETA	ALRLSTVGDYQG	RESL	VIRLLFDRKR	ELKFWFD.GLNALLPKIIGRGLYLF	SGPVGSGKTTLMYELVSRKY	159
NTDB id 385 SMU RS09035 WP 002263435.1	YSYDEGK	VISLRLSVGDYRGYESL	VIRLLFSGRHD	LKFWFN.SMDLILNEIKGRGLYLF	SGPVGSGKT	SLMYQLVKLRF	157
NTDB id 394 FSA28 RS09405 WP 002291652.1	YSYDEGK	VISLRLSVGDYRGYESL	VIRLLFSGRHD	LKFWFN.SMDLILNEIKGRGLYLF	SGPVGSGKT	SLMYQLVKLRF	157
NTDB id 429 SGO RS09420 WP 012130942.1	YRYDD.KETS	IRLSTVGDYRGYESL	VIRLLHDEETEL	KFWFT.HFPELREKFKDRGLYLF	SGPVGSGKTTLMHQLAKLF		156
NTDB id 500 SM12261 RS00945 WP 000249545.1	YEYDQ.KMASL	RLSTVGDYRGHESL	VIRLLHDEEQDLHFWFQ	.DIEELGKQYRQRGLYLFAGPVGSGKTTLMH	ELAKSLF		156
NTDB id 304864 DV130 RS09240 WP 000249571.1	YAYDQ.KMASL	RLSTVGDYRGHESL	VIRLLHDEEQDLHFWFQ	.DIEELGKQYRQRGLYLFAGPVGSGKTTLMH	ELSKSLF		156
NTDB id 270 KZH43 RS09265 WP 000249564.1	YAYDH.KIASL	RLSTVGDYRGHESL	VIRLLHDEEQDLHFWFQ	.DIEELGKQYRQRGLYLFAGPVGSGKTTLMH	ELSKSLF		156
NTDB id 229 SPD RS09895 WP 000249564.1	YAYDH.KIASL	RLSTVGDYRGHESL	VIRLLHDEEQDLHFWFQ	.DIEELGKQYRQRGLYLFAGPVGSGKTTLMH	ELSKSLF		156
NTDB id 195 SPR RS09430 WP 000249564.1	YAYDH.KIASL	RLSTVGDYRGHESL	VIRLLHDEEQDLHFWFQ	.DIEELGKQYRQRGLYLFAGPVGSGKTTLMH	ELSKSLF		156
NTDB id 160 SP RS10380 WP 000249564.1	YAYDH.KIASL	RLSTVGDYRGHESL	VIRLLHDEEQDLHFWFQ	.DIEELGKQYRQRGLYLFAGPVGSGKTTLMH	ELSKSLF		156
consensus	* **	*****!*****!*****	!!!!!!*****	*****	*****!*****!*****!*****!*****!*****	*	*

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NTDB id 617 LCA RS06480 WP 011375001.1	SAKMVV	AIEDPIEIVAPEFLQLQVNDNAGLSYAEL	LKISLRLRPDTLIIGEIRDLETAQYVVSA	ALS	GHVLVLSTIHAR	ST	238
NTDB id 586 KW2 RS10855 WP 011836048.1	SNAQVI	TIEPVELIDSDFIQLQVNDVIGNSY	DELIKLSLRHRPDLLIVGEIRDQQTARAV	LRASLTGYTVFSTIHA	ASV		235
NTDB id 584 DLJ51 RS00890 WP 019777327.1	PDSQII	TIEDPVEIKQDNMLQLQLNPSIGMTYD	HLIKLSLRHRPDVLIIGEIRDRETAQAVIRASLT	GIRVFSTV	HAKSI		239
NTDB id 385 SMU RS09035 WP 002263435.1	ETKQVI	TIEDPVEIKQDNMLQLQLNESIDMTYD	NLIKLSLRHRPDLLIIGEIRDRETAQAVIRASLT	GAMVFSTI	HAKSI		237
NTDB id 394 FSA28 RS09405 WP 002291652.1	ETKQVI	TIEDPVEIKQDNMLQLQLNESIDMTYD	NLIKLSLRHRPDLLIIGEIRDRETAQAVIRASLT	GAMVFSTI	HAKSI		237
NTDB id 429 SGO RS09420 WP 012130942.1	KGQQVMS	IEDPVEIKQEDMLQLQLNETIGLTYE	SLIKLSLRHRPDLLIIGEIRDSETARAV	VIRASLTGATVFSTI	HAKSI		236
NTDB id 500 SM12261 RS00945 WP 000249545.1	KGQQVMS	IEDPVEIKQDNMLQLQLNEAIGLTYEN	LKLSLRHRPDLLIIGEIRDSETARAV	VIRASLTGATVFSTI	HAKSI		236
NTDB id 304864 DV130 RS09240 WP 000249571.1	KGQQVMS	IEDPVEIKQDDMLQLQLNEAIGLTYEN	LKLSLRHRPDLLIIGEIRDSETARAV	VIRASLTGATVFSTI	HAKSI		236
NTDB id 270 KZH43 RS09265 WP 000249564.1	KGQQVMS	IEDPVEIKQDDMLQLQLNEAIGLTYEN	LKLSLRHRPDLLIIGEIRDSETARAV	VIRASLTGATVFSTI	HAKSI		236
NTDB id 229 SPD RS09895 WP 000249564.1	KGQQVMS	IEDPVEIKQDDMLQLQLNEAIGLTYEN	LKLSLRHRPDLLIIGEIRDSETARAV	VIRASLTGATVFSTI	HAKSI		236
NTDB id 195 SPR RS09430 WP 000249564.1	KGQQVMS	IEDPVEIKQDDMLQLQLNEAIGLTYEN	LKLSLRHRPDLLIIGEIRDSETARAV	VIRASLTGATVFSTI	HAKSI		236
NTDB id 160 SP RS10380 WP 000249564.1	KGQQVMS	IEDPVEIKQDDMLQLQLNEAIGLTYEN	LKLSLRHRPDLLIIGEIRDSETARAV	VIRASLTGATVFSTI	HAKSI		236
consensus	*****	*****!*****!*****!*****	*****!*****!*****!*****!*****!*****	*****!*****!*****!*****!*****!*****	*****!*****!*****!*****!*****!*****	*****	

