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NTDB id 617 LCA RS06480 WP 011375001.1	.MST	EEKLTTLLKHCAKQQRVQDLYFTPTIGGWRLTERRQSDLVTNQELDKPTGTRYLNRLKYMAGMDISETRRAQTGRSE	79				
NTDB id 586 KW2 RS10855 WP 011836048.1	..	MVQKKAKELIQKAIEMEASDIYLTASGNLYKIYIRQQLGRTLIEEVNQEIGLALLTHFKFLAGMNTGERRRVQLGACW	78				
NTDB id 584 DLJ51 RS00890 WP 019777327.1	MVEVQELGKELIRQA	VEEQAQDIYLLPKPAVYKIYLRFGCKRHLIQTCPP	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	..	MVQKIAQAIIVRQAKEECAQDIYFVPKDDCYELMRIGDERRFIQTYDFDQLAAVISHFKFLAGMNVGEKRRS	QLGSCD	78			
NTDB id 500 SM12261 RS00945 WP 000249545.1	..	MVQEIAQEIIIRSARKKGAQDIYFVPKLDAYELHMRVGD	ERCKIGCYDFEKF	AAVISHFKFVAGMNVGEKRRS	QLGSCD	78	
NTDB id 214726 BWQ98 RS09930 WP 000249571.1	..	MVQEIAQEIIIRSARKKGTQDIYFVPKLDAYELHMRVGD	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	
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NTDB id 617 LCA RS06480 WP 011375001.1	LQLAD.QTIYLR	LATVGDFLNRESLVIRFI	TYPIGAIYH	CDDQQLAQLTQMSRQSGLI	ILFAGPTGSGKTTSLYHL	LAQQSM	158
NTDB id 586 KW2 RS10855 WP 011836048.1	YEL	EGSSAKRLRLSTVGDFEGNESLVIRLLHD	QKQELEFWFD	.DK..	LQDFRCKRGLYLFAGPVGSGKT	SLMFDLAHRHF	155
NTDB id 584 DLJ51 RS00890 WP 019777327.1	YAFADGETA	AALRLSTVGDYQGRESLVIRLLFDRKR	ELKFWFD	.GLNALLPKIIGRGLYLFSGPVGSGKT	TLMYELVSRKY		159
NTDB id 385 SMU RS09035 WP 002263435.1	YSYDEG	KVISLR	LSVSGDYRGYESLVIRLLFSGRHD	LKFWFN	.SMDLILNEIKGRGLYLFSGPVGSGKT	SLMYQLVKLRF	157
NTDB id 394 FSA28 RS09405 WP 002291652.1	YSYDEG	KVISLR	LSVSGDYRGYESLVIRLLFSGRHD	LKFWFN	.SMDLILNEIKGRGLYLFSGPVGSGKT	SLMYQLVKLRF	157
NTDB id 429 SGO RS09420 WP 012130942.1	YRYDD	.KETSI	RLSTVGDYRGYESLVIRLLHDEETEL	KFWFT	.HFPELREKFKDRGLYLFSGPVGSGKT	TLMHQLAQLKF	156
NTDB id 500 SM12261 RS00945 WP 000249545.1	YEYDQ	.KMASLRLSTVG	DYRGHESLVIRLLHDEEQDLHFWFQ	.DIEELGKQYRQRGLYLFAGPVGSGKT	TLMHELAKSLF		156
NTDB id 214726 BWQ98 RS09930 WP 000249571.1	YAYDQ	.KMASLRLSTVG	DYRGHESLVIRLLHDEEQDLHFWFQ	.DIEELGKQYRQRGLYLFAGPVGSGKT	TLMHELSKSLF		156
NTDB id 270 KZH43 RS09265 WP 000249564.1	YAYDH	.KIASLRLSTVG	DYRGHESLVIRLLHDEEQDLHFWFQ	.DIEELGKQYRQRGLYLFAGPVGSGKT	TLMHELSKSLF		156
NTDB id 229 SPD RS09895 WP 000249564.1	YAYDH	.KIASLRLSTVG	DYRGHESLVIRLLHDEEQDLHFWFQ	.DIEELGKQYRQRGLYLFAGPVGSGKT	TLMHELSKSLF		156
NTDB id 195 SPR RS09430 WP 000249564.1	YAYDH	.KIASLRLSTVG	DYRGHESLVIRLLHDEEQDLHFWFQ	.DIEELGKQYRQRGLYLFAGPVGSGKT	TLMHELSKSLF		156
NTDB id 160 SP RS10380 WP 000249564.1	YAYDH	.KIASLRLSTVG	DYRGHESLVIRLLHDEEQDLHFWFQ	.DIEELGKQYRQRGLYLFAGPVGSGKT	TLMHELSKSLF		156
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NTDB id 617 LCA RS06480 WP 011375001.1	SAKMVV	AIEDPIEIVAPEFLQLQVNDNAGLSYAEL	LKISLR	LRPD	LIIGEIRD	LETAQYVV	SAALS	GHVL	VLSTI	HAR	ST	238
NTDB id 586 KW2 RS10855 WP 011836048.1	SNAQVI	TIEEPVELIDSDFIQLQVNDVIGNSY	DELIKLSLR	HRPD	LLIIGEIRD	QQTARAV	LRASLT	GYTVF	STI	HA	ASV	235
NTDB id 584 DLJ51 RS00890 WP 019777327.1	PDSQI	TIEDPVEIKQDNMLQLQLNPSIGMTYD	HLIKLSLR	HRPD	VLIIGEIRD	RETAQAV	IRASLT	GIRVF	STI	VHAK	SI	239
NTDB id 385 SMU RS09035 WP 002263435.1	ETKQVI	TIEDPVEIKQDNMLQLQLNESIDMTYD	NLIKLSLR	HRPD	LIIGEIRD	KETARAV	IRASLT	GAMVF	STI	HA	KSI	237
NTDB id 394 FSA28 RS09405 WP 002291652.1	ETKQVI	TIEDPVEIKQDNMLQLQLNESIDMTYD	NLIKLSLR	HRPD	LIIGEIRD	KETARAV	IRASLT	GAMVF	STI	HA	KSI	237
NTDB id 429 SGO RS09420 WP 012130942.1	KGQQVMS	IEDPVEIKQEDMLQLQLNETIGLTYE	SLIKLSLR	HRPD	LLIIGEIRD	SETARAV	VVRASLT	GATVF	STI	HA	KSI	236
NTDB id 500 SM12261 RS00945 WP 000249545.1	KGQQVMS	IEDPVEIKQDNMLQLQLNEAIGLTYEN	LKLSLR	HRPD	LLIIGEIRD	SETARAV	VVRASLT	GATVF	STI	HA	KSI	236
NTDB id 214726 BWQ98 RS09930 WP 000249571.1	KGQQVMS	IEDPVEIKQDDMLQLQLNEAIGLTYEN	LKLSLR	HRPD	LLIIGEIRD	SETARAV	VVRASLT	GATVF	STI	HA	KSI	236
NTDB id 270 KZH43 RS09265 WP 000249564.1	KGQQVMS	IEDPVEIKQDDMLQLQLNEAIGLTYEN	LKLSLR	HRPD	LLIIGEIRD	SETARAV	VVRASLT	GATVF	STI	HA	KSI	236
NTDB id 229 SPD RS09895 WP 000249564.1	KGQQVMS	IEDPVEIKQDDMLQLQLNEAIGLTYEN	LKLSLR	HRPD	LLIIGEIRD	SETARAV	VVRASLT	GATVF	STI	HA	KSI	236
NTDB id 195 SPR RS09430 WP 000249564.1	KGQQVMS	IEDPVEIKQDDMLQLQLNEAIGLTYEN	LKLSLR	HRPD	LLIIGEIRD	SETARAV	VVRASLT	GATVF	STI	HA	KSI	236
NTDB id 160 SP RS10380 WP 000249564.1	KGQQVMS	IEDPVEIKQDDMLQLQLNEAIGLTYEN	LKLSLR	HRPD	LLIIGEIRD	SETARAV	VVRASLT	GATVF	STI	HA	KSI	236
consensus	*****	*****!*****!*****!*****!*****	*****!*****!*****!*****!*****!*****!*****!*****!*****!*****									

