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NTDB id 600 KW2 RS01765 WP 011675413.1	MATKK....KTNFDDITKKYGA	ERDKALADALALIEKD	FGKGSIMRLGER	.ANQKVS	VSSGSLALDI	I	ALGAGGYP	KGR	74		
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAKK....PKKLEEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVM	S	SSGSLALDI	I	ALGSGGYP	KGR		
NTDB id 228 SPD RS09265 WP 001085462.1	.MAKK....PKKLEEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVM	S	SSGSLALDI	I	ALGSGGYP	KGR		
NTDB id 194 SPR RS08825 WP 001085462.1	.MAKK....PKKLEEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVM	S	SSGSLALDI	I	ALGSGGYP	KGR		
NTDB id 159 SP RS09750 WP 001085462.1	.MAKK....PKKLEEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVM	S	SSGSLALDI	I	ALGSGGYP	KGR		
NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAKK....PKKLEEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVM	S	SSGSLALDI	I	ALGSGGYP	KGR		
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAKK....PKKLEEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVM	S	SSGSLALDI	I	ALGSGGYP	KGR		
NTDB id 453 Spy49 1753c ACI62003.1	.MAKK....LKKNEEITKKFGD	ERRKALDDALKN	IEKDFGKGV	AVMRLGER	.AEQKVQVM	S	SSGSLALDI	I	ALGAGGYP	KGR	
NTDB id 408 SMU RS09530 WP 002262392.1	.MAKR....IKKTEEITKKFGD	ERRKALDDALKN	IEKDFGKGV	AVMRLGER	.AEQKVQVM	S	SSGSLALDI	I	ALGAGGYP	KGR	
NTDB id 115 BSU 16940 NP 389576.2	.....MS	DRQAALDMALKQ	IEKQFGKGSIMKLG	EK.TDTRI	ISTVPSGSLALDI	I	ALGIGGYP	PRGR	58	
NTDB id 625 LCA RS02525 WP 011374196.1	.....MAKD	ERQAALDAALKK	IEKNFGKGSIMRM	GEEK.VDTQV	STVSSGSLALDE	I	ALGVGGYP	PRGR	60	
NTDB id 1313 DR RS12030 WP 010888966.1	.....MSKDATKEISAP	TDAKERSKATETAM	SQIEKAFGKGSIMKLG	AE.SKLDV	QVVSTGSLSLDI	I	ALGVGGIP	PRGR	72	
NTDB id 1245 Cj1673c YP 002345041.1	.....MDDN	KRKSALDAALKS	LDKTFGKGTILRL	GDK.EVEQ	IDSIGTGSVGLDI	I	ALGIGGVP	KGR	59	
NTDB id 1214 NCTC11637 00359 SQJ03206.1	.....MAIDE	DKQKATISLAIKQ	IDKVF	FGKALVRLGDK.QVEK	IDAISTGSLGLDI	I	ALGIGGVP	KGR	61	
NTDB id 1211 C694 RS00795 WP 000963128.1	.....MAIDE	DKQKATISLAIKQ	IDKVF	FGKALVRLGDK.QVEK	IDAISTGSLGLDI	I	ALGIGGVP	KGR	61	
NTDB id 1334 RAOC RS04870 WP 004918236.1	.....MAKT..ETTSPND	DKKALAAVLEK	LDKTYGKGTVMKLG	DGTVDHNI	IEVIPSGSLGLDI	I	ALGVGGYP	KGR	68	
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKS	SKNNTV.VKQVEPE	QKKQALEAALA	QIEKQFGKGSIMKLG	QT.EQLDI	ESVSTGSLGLDI	I	ALGIGGLP	MGR	76	
NTDB id 1130 NGFG RS03960 WP 003688695.1MSD	DKSKALAAALA	QIEKSFGKGAIMKMD	GSQ	QEE	NE	LEVISTGSLGLDI	I	ALGVGGLP	PRGR	60
NTDB id 1124 NGFG RS03960 WP 003688695.1MSD	DKSKALAAALA	QIEKSFGKGAIMKMD	GSQ	QEE	NE	LEVISTGSLGLDI	I	ALGVGGLP	PRGR	60
NTDB id 1123 OK783 RS03845 WP 003688695.1MSD	DKSKALAAALA	QIEKSFGKGAIMKMD	GSQ	QEE	NE	LEVISTGSLGLDI	I	ALGVGGLP	PRGR	60
NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....K..KAASMSA	EKQKALAAALA	QIEKQFGKGSIMKMD	A.EVEPV	QVVSTGSLGLD	I	ALGVGGLP	PRGR	68		
NTDB id 1165 A1552VC RS01565 WP 000344154.1	.....MDEN	KQKALAAALGQ	IEKQFGKGSIMRL	GDN.RAMD	VETISTGSLSLDI	I	ALGAGGLP	MGR	59	
NTDB id 1142 GTF74 RS11550 WP 000344154.1	.....MDEN	KQKALAAALGQ	IEKQFGKGSIMRL	GDN.RAMD	VETISTGSLSLDI	I	ALGAGGLP	MGR	59	
NTDB id 1022 ACIAD RS06390 WP 004925639.1	.....MDDN	KSALQAALSQ	IEKQFGKNTVMRL	GDN.TVQAVE	AVSTGSLTLDI	I	ALGIGGLP	KGR	59	
NTDB id 1074 ABD1 RS10195 WP 000344167.1	.....MDEN	KSALQAALSQ	IEKQFGKNTVMRL	GDN.TVQAVE	AVSTGSLTLDI	I	ALGIGGLP	KGR	59	
NTDB id 1205 PSJM300 05545 AFN77183.1MDEN	KRALAAALGQ	IEKQFGKGV	MRMGD	H.DRQA	IPSISTGSLGLDI	I	ALGIGGLP	KGR	59	
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consensus

 non conserved
 similar
 ≥ 50% conserved