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NTDB id 600 KW2 RS01765 WP 011675413.1	MATKK....KTNFDDITKKYGA	ERDKALADALALIEKD	FGKGSIMRLG	EA	.ANQKVS	VSSGSLALD	I	ALGAGGY	PKGR	74	
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAKK....PKKLEEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALD	I	ALGSGGY	PKGR	73		73	
NTDB id 228 SPD RS09265 WP 001085462.1	.MAKK....PKKLEEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALD	I	ALGSGGY	PKGR	73		73	
NTDB id 194 SPR RS08825 WP 001085462.1	.MAKK....PKKLEEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALD	I	ALGSGGY	PKGR	73		73	
NTDB id 159 SP RS09750 WP 001085462.1	.MAKK....PKKLEEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALD	I	ALGSGGY	PKGR	73		73	
NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAKK....PKKLDEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALD	I	ALGSGGY	PKGR	73		73	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAKK....PKKLDEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALD	I	ALGSGGY	PKGR	73		73	
NTDB id 453 Spy49 1753c ACI62003.1	.MAKK....LKKNEEITKKKFG	DERKALDDALKN	IEKDFGKGAVMRLGER	.AEQKVQVMSSGSLALD	I	ALGAGGY	PKGR	73		73	
NTDB id 408 SMU RS09530 WP 002262392.1	.MAKR....IKKTEEITKKKFG	DERKALDDALKN	IEKDFGKGAVMRLGER	.AEQKVQVMSSGSLALD	I	ALGAGGY	PKGR	73		73	
NTDB id 115 BSU 16940 NP 389576.2	.....MSDRQAALDMALKQ	IEKQFGKGSIMKLG	EK	.TDTRISTVPSGSLALD	I	ALGIGGY	PRGR	58		58
NTDB id 625 LCA RS02525 WP 011374196.1	.....MAKDERQAALDAALKK	IEKNFGKGSIMRMG	EK	.VDTQVSTVSSGSLALD	E	ALGVGGY	PRGR	60		60
NTDB id 1313 DR RS12030 WP 010888966.1	.....MSKDATKEISAPTDAK	ERSKATETAM	QIEKAFGKGSIMKLG	AE	.SKLDVQVVSTGSLSLD	I	ALGVGGI	PRGR	72	
NTDB id 1245 Cj1673c YP 002345041.1	.....MDNKRKSLDAALKS	LDKTFGKGTILRLG	DK	.EVEQIDSIGTGSVGLD	I	ALGIGGV	PKGR	59		59
NTDB id 421670 G3M69 RS03945 WP 039091763.1	.....MAIDEDKQKAIISLAIK	QIDKVF	FGKGA	LVR	LDK	.QVEKIDAISTGSLGLD	I	ALGIGGV	PKGR	61
NTDB id 1214 NCTC11637 00359 SQJ03206.1	.....MAIDEDKQKAIISLAIK	QIDKVF	FGKGA	LVR	LDK	.QVEKIDSISTGSLGLD	I	ALGIGGV	PKGR	61
NTDB id 1211 C694 RS00795 WP 000963128.1	.....MAIDEDKQKAIISLAIK	QIDKVF	FGKGA	LVR	LDK	.QVEKIDSISTGSLGLD	I	ALGIGGV	PKGR	61
NTDB id 1334 RAOC RS04870 WP 004918236.1MAKT..ETTSPN	DDKKKALAAVLEK	LDKTYGKGTVMKLG	D	GTVDHNI	IEV	IPSGSLGLD	I	ALGVGGY	PKGR	68
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKSSKNNTV..VKQVEP	EQQKQALEAALA	QIEKQFGKGSIMKLG	QT	.EQLDIESVSTGSLGLD	I	ALGIGGL	PMGR	76		
NTDB id 1130 NGFG RS03960 WP 003688695.1MSDDKSKALAAALA	QIEKSF	FGKGA	IMKMDGSQ	Q	EEENLE	VISTGSLGLD	I	ALGVGGL	PRGR	60
NTDB id 1124 NGFG RS03960 WP 003688695.1MSDDKSKALAAALA	QIEKSF	FGKGA	IMKMDGSQ	Q	EEENLE	VISTGSLGLD	I	ALGVGGL	PRGR	60
NTDB id 1123 OK783 RS03845 WP 003688695.1MSDDKSKALAAALA	QIEKSF	FGKGA	IMKMDGSQ	Q	EEENLE	VISTGSLGLD	I	ALGVGGL	PRGR	60
NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....K..KAASMSA	EKQKALAAALA	QIEKQFGKGSIMKMG	DA	.EVEPVQVVSTGSLGLD	V	ALGVGGL	PRGR	68		
NTDB id 1165 A1552VC RS01565 WP 000344154.1	.....MDENKQKALAAALG	QIEKQFGKGSIMRLG	DN	.RAMDVETISTGSLSLD	I	ALGAGGL	PMGR	59		59
NTDB id 1142 GTF74 RS11550 WP 000344154.1	.....MDENKQKALAAALG	QIEKQFGKGSIMRLG	DN	.RAMDVETISTGSLSLD	I	ALGAGGL	PMGR	59		59
NTDB id 1074 ABD1 RS10195 WP 000344167.1	.....MDENKSKALQAALS	QIEKQFGKNTVMRLG	DN	.TVQAVEAVSTGSLTLD	I	ALGIGGL	PKGR	59		59
NTDB id 1022 ACIAD RS06390 WP 004925639.1	.....MDDNKSKALQAALS	QIEKQFGKNTVMRLG	DN	.TVQAVEAVSTGSLTLD	I	ALGIGGL	PKGR	59		59
NTDB id 1205 PSJM300 05545 AFN77183.1MDENKRRALAAALG	QIEKQFGKGAVMRMG	DH	.DRQAIPSISTGSLGLD	I	ALGIGGL	PKGR	59		59	
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consensus

 non conserved
 similar
 ≥ 50% conserved