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NTDB id 600 KW2 RS01765 WP 011675413.1	MATK.....KKTNFDDITKKYGA	ERDKALADALALIEKD	FGKGSIMRLGEA	.ANQKVS	VSSGSLALDI	ALGAGGYPKGR	74		
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAK.....KPKKLEEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73			
NTDB id 228 SPD RS09265 WP 001085462.1	.MAK.....KPKKLEEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73			
NTDB id 194 SPR RS08825 WP 001085462.1	.MAK.....KPKKLEEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73			
NTDB id 159 SP RS09750 WP 001085462.1	.MAK.....KPKKLEEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73			
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAK.....KPKKLEEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73			
NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAK.....KPKKLEEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73			
NTDB id 408 SMU RS09530 WP 002262392.1	.MAK.....RIKKTTEEITKKFGD	ERRKALDDALKN	IEKDFGKGVAMRLGER	.AEQKVQVMSSGSLALDI	ALGAGGYPKGR	73			
NTDB id 453 Spy49 1753c ACI62003.1	.MAK.....KLKKNEEITKKFGD	ERRKALDDALKN	IEKDFGKGVAMRLGER	.AEQKVQVMSSGSLALDI	ALGAGGYPKGR	73			
NTDB id 625 LCA RS02525 WP 011374196.1MAKD	ERQAALDAALKK	IEKNFGKGSIMRMGEK	.VDTQVSTVSSGSLALDEALGVGGYP	RGR	60			
NTDB id 280892 C7J89 RS09365 WP 061854807.1MDN	DRQKALDVTIK	NMEKSF	FGKGSVMKLGDN	.KGRRVSSVSSGSLALD	ALGVGGYPKGR	59		
NTDB id 115 BSU 16940 NP 389576.2MS	DRQAALDMALK	QIEKQFGKGSIMKLG	TDTRI	ISTVPSGSLALD	ALGIGGYP	58		
NTDB id 1313 DR RS12030 WP 010888966.1MSKDATKEISAPTD	AKERSKAT	ETAMSQIEKA	FGKGSIMKLGAE	.SKLDVQVVSTGSLSLDL	ALGVGGIP	72		
NTDB id 1245 Cj1673c YP 002345041.1MDDN	KRKSLSLDAALKS	LDKTFGKGTILRLGDK	.EVEQIDS	IGTGSVGLDL	ALGIGGVPKGR	59		
NTDB id 1211 C694 RS00795 WP 000963128.1MAIDE	DKQKATISLAI	KQIDKVF	FGKGA	LVRLGDK	.QVEKIDS	ISTGSLGLDL	ALGIGGVPKGR	61
NTDB id 1214 NCTC11637 00359 SQJ03206.1MAIDE	DKQKATISLAI	KQIDKVF	FGKGA	LVRLGDK	.QVEKIDA	ISTGSLGLDL	ALGIGGVPKGR	61
NTDB id 1334 RAOC RS04870 WP 004918236.1MAKT	.ETTSPND	DKKKALAAVLEK	LDKTYGKGTVMKLG	DGTVDHNI	IEVIPSGSLGLDL	ALGVGGYPKGR	68	
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKS	SKNNTV	.VKQVEPEK	KKQALEAALA	QIEKQFGKGSIMKLG	QT.EQLD	IESVSTGSLGLDL	ALGIGGLPMGR	76
NTDB id 1130 NGFG RS03960 WP 003688695.1MSD	DKSKALAAALA	QIEKSF	FGKGA	IMKMDGSQ	QEE	ENLEVISTGSLGLDL	ALGVGGLP	60
NTDB id 1124 NGFG RS03960 WP 003688695.1MSD	DKSKALAAALA	QIEKSF	FGKGA	IMKMDGSQ	QEE	ENLEVISTGSLGLDL	ALGVGGLP	60
NTDB id 1123 OK783 RS03845 WP 003688695.1MSD	DKSKALAAALA	QIEKSF	FGKGA	IMKMDGSQ	QEE	ENLEVISTGSLGLDL	ALGVGGLP	60
NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....K	.KAASMSA	EKQKALAAALA	QIEKQFGKGSIMKMG	DA.EVEPVQVVSTGSLGLD	VALGVGGLP	RGR	68	
NTDB id 1165 A1552VC RS01565 WP 000344154.1MDEN	KQKALAAALG	QIEKQFGKGSIMRLG	DN.RAMDVET	ISTGSLSLDI	ALGAGGLP	MGR	59	
NTDB id 1142 GTF74 RS11550 WP 000344154.1MDEN	KQKALAAALG	QIEKQFGKGSIMRLG	DN.RAMDVET	ISTGSLSLDI	ALGAGGLP	MGR	59	
NTDB id 1022 ACIAD RS06390 WP 004925639.1MDDN	KSKALQAALS	QIEKQFGKNTVMRLG	DN.TVQAVEAVSTGSLTLDI	ALGIGGLP	PKGR	59		
NTDB id 1074 ABD1 RS10195 WP 000344167.1MDEN	KSKALQAALS	QIEKQFGKNTVMRLG	DN.TVQAVEAVSTGSLTLDI	ALGIGGLP	PKGR	59		
NTDB id 1205 PSJM300 05545 AFN77183.1MDEN	KKRALAAALG	QIEKQFGKGVAMRMGDH	.DRQAIPS	ISTGSLGLDI	ALGIGGLP	PKGR	59	
consensus		*** **	***! *!*	*****	*	*****!*	!!!*!!!		

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NTDB id 1205 PSJM300 05545 AFN77183.1	...	347

consensus

 non conserved
 similar
 ≥ 50% conserved