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NTDB id 45948 CPSOB RS05025 WP 006343655.1MNVP	DRKKALEAATAYIEKQFGSGSIMSLGKHSASHEISTIKTGALS	LDLALGIGGV	PKGR	61					
NTDB id 600 KW2 RS01765 WP 011675413.1	MATKK....KTNFDDITKKYGA	ERDKALADALALIEKD	FGKGSIMRLGEA	.ANQKVS	VVSSGSLALDIALGAGGY	PKGR	74			
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAKK....PKKLEEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALDIALGSGGY	PKGR	73				
NTDB id 228 SPD RS09265 WP 001085462.1	.MAKK....PKKLEEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALDIALGSGGY	PKGR	73				
NTDB id 194 SPR RS08825 WP 001085462.1	.MAKK....PKKLEEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALDIALGSGGY	PKGR	73				
NTDB id 159 SP RS09750 WP 001085462.1	.MAKK....PKKLEEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALDIALGSGGY	PKGR	73				
NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAKK....PKKLDEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALDIALGSGGY	PKGR	73				
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAKK....PKKLDEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALDIALGSGGY	PKGR	73				
NTDB id 453 Spy49 1753c ACI62003.1	.MAKK....LKKNEEITKKFGD	ERRKALDDALKNIEKD	FGKGAVMRLGER	.AEQKVQVMSSGSLALDIALGAGGY	PKGR	73				
NTDB id 408 SMU RS09530 WP 002262392.1	.MAKR....IKKTEEITKKFGD	ERKKALDDALKNIEKD	FGKGAVMRLGER	.AEQKVQVMSSGSLALDIALGAGGY	PKGR	73				
NTDB id 115 BSU 16940 NP 389576.2	.....MS	DRQAALDMALKQIEKQ	FGKGSIMKLGK	.TDTRISTVPSGSLALDIALGIGGY	PKGR	58			
NTDB id 625 LCA RS02525 WP 011374196.1	.....MAKD	ERQAALDAALKKIEKN	FGKGSIMRMGEK	.VDTQVSTVSSGSLALDEALGVGGY	PKGR	60			
NTDB id 1313 DR RS12030 WP 010888966.1	.....MSKDATKEISAPTD	AKERSKATETAM	SQIEKAFGKGSIMKLGAE	.SKLDVQVSTGSLSLDIALGVGGI	PKGR	72			
NTDB id 1245 Cj1673c YP 002345041.1	.....MDDN	KRKSLSLDAALKS	LDKTFGKGTILRLGDK	.EVEQIDSIGTGSVGLDIALGIGGV	PKGR	59			
NTDB id 1214 NCTC11637 00359 SQJ03206.1MAIDE	DKQKATISLAIKQ	IDKVF	FGKGA	LVRLGDK.QVEKID	ISTGSLGLDIALGIGGV	PKGR	61		
NTDB id 1211 C694 RS00795 WP 000963128.1MAIDE	DKQKATISLAIKQ	IDKVF	FGKGA	LVRLGDK.QVEKID	ISTGSLGLDIALGIGGV	PKGR	61		
NTDB id 1334 RAOC RS04870 WP 004918236.1MAKT..ETTSPND	DKKKALAAVLEK	LDKT	YGKGTVMKLG	DGTVDHNI	IEVIPS	GSGLGLDIALGVGGY	PKGR	68	
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKS	SKNNTV.VKQVEPE	QKKQALEAAL	LAQIEKQ	FGKGSIMKLG	QT.EQLD	IESVSTGSLGLDIALGIGGL	PKGR	76	
NTDB id 1130 NGFG RS03960 WP 003688695.1MSD	DKSKALAAAL	LAQIEKS	FGKGA	IMKMDGSQ	QEE	NLEVISTGSLGLDIALGVGGL	PKGR	60	
NTDB id 1124 NGFG RS03960 WP 003688695.1MSD	DKSKALAAAL	LAQIEKS	FGKGA	IMKMDGSQ	QEE	NLEVISTGSLGLDIALGVGGL	PKGR	60	
NTDB id 1123 OK783 RS03845 WP 003688695.1MSD	DKSKALAAAL	LAQIEKS	FGKGA	IMKMDGSQ	QEE	NLEVISTGSLGLDIALGVGGL	PKGR	60	
NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....K..KAASMSA	EKQKALAAAL	LAQIEKQ	FGKGSIMK	MGDA.EVEPVQV	VSTGSLGLDIALGVGGL	PKGR	68		
NTDB id 1165 A1552VC RS01565 WP 000344154.1MDEN	KQKALAAAL	GQIEKQ	FGKGSIMRL	GDN.RAMDVET	ISTGSLSLDIALGAGGL	PKGR	59		
NTDB id 1142 GTF74 RS11550 WP 000344154.1MDEN	KQKALAAAL	GQIEKQ	FGKGSIMRL	GDN.RAMDVET	ISTGSLSLDIALGAGGL	PKGR	59		
NTDB id 1022 ACIAD RS06390 WP 004925639.1MDDN	KSKALQAALS	QIEKQ	FGKNTVM	RLGDN.TVQAVE	AVSTGSLTLDIALGIGGL	PKGR	59		
NTDB id 1074 ABD1 RS10195 WP 000344167.1MDEN	KSKALQAALS	QIEKQ	FGKNTVM	RLGDN.TVQAVE	AVSTGSLTLDIALGIGGL	PKGR	59		
NTDB id 1205 PSJM300 05545 AFN77183.1MDEN	KKRALAAAL	GQIEKQ	FGKGA	VMRMDH.DRQAIPS	ISTGSLGLDIALGIGGL	PKGR	59		
consensus		**	**	**	**!	*****	*	*****!!!!!!!	!!!	!!!

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NTDB id 1074 ABD1 RS10195 WP 000344167.1	...	349
NTDB id 1205 PSJM300 05545 AFN77183.1	...	347

consensus

 non conserved
 similar
 ≥ 50% conserved