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NTDB id 600 KW2 RS01765 WP 011675413.1	MATK.....KKTNFDDITKKYGA	ERDKALADALALIEKD	FGKGSIMRLGER	.ANQKVS	VSSGSLALDI	ALGAGGYPKGR	74			
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAK.....KPKKLEEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73				
NTDB id 228 SPD RS09265 WP 001085462.1	.MAK.....KPKKLEEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73				
NTDB id 194 SPR RS08825 WP 001085462.1	.MAK.....KPKKLEEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73				
NTDB id 159 SP RS09750 WP 001085462.1	.MAK.....KPKKLEEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73				
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAK.....KPKKLEEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73				
NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAK.....KPKKLEEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73				
NTDB id 453 Spy49 1753c ACI62003.1	.MAK.....KLKKNEEITKKFGD	ERRKALDDALKNIEKD	FGKGVMLRGER	.AEQKVQVMSSGSLALDI	ALGAGGYPKGR	73				
NTDB id 408 SMU RS09530 WP 002262392.1	.MAK.....RIKKTEEITKKFGD	ERRKALDDALKNIEKD	FGKGVMLRGER	.AEQKVQVMSSGSLALDI	ALGAGGYPKGR	73				
NTDB id 115 BSU 16940 NP 389576.2	.....MSDRQAALDMALKQ	IEKQFGKGSIMKLG	EK.TDTRISTVPSGSLALDI	TALGIGGYPRGR	58					
NTDB id 625 LCA RS02525 WP 011374196.1	.....MAKDERQAALDAALKK	IEKNFGKGSIMRMGEK	.VDTQVSTVSSGSLALDEALGVGGYPRGR	60						
NTDB id 1313 DR RS12030 WP 010888966.1	.....MSKDATKEISAPTD	AKERSKATETAM	SQIEKAFGKGSIMKLGAE	.SKLDVQVSTGSLSLDLALGVGGIPRGR	72					
NTDB id 42345 FLA RS28030 WP 076376585.1	.....MSNA	DKLKALKLTI	DKDFGKGSVMMNER	.TDKQLEVSTGSLGLDI	ALGVGGLPKGR	60				
NTDB id 1334 RAOC RS04870 WP 004918236.1	.....MAK	.TETTPND	DKKKALAAVLEK	LDKTYGKGTVMKLG	DGTVDHNI	IEVIPSGSLGLDLALGVGGYPRGR	68			
NTDB id 1245 Cj1673c YP 002345041.1	.....MDDN	KRKS	SLDAALKS	LDKTFGKGTILRLGDK	.EVEQIDSIGTGSVGLDLALGIGGVPKGR	59				
NTDB id 1214 NCTC11637 00359 SQJ03206.1	.....MAIDE	DKQKAI	ISLAIKQ	IDKVF	FGKALVRLGDK	.QVEKIDAISTGSLGLDLALGIGGVPKGR	61			
NTDB id 1211 C694 RS00795 WP 000963128.1	.....MAIDE	DKQKAI	ISLAIKQ	IDKVF	FGKALVRLGDK	.QVEKIDSISTGSLGLDLALGIGGVPKGR	61			
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKSSKNNT..VVKQVEPEQ	KKQALEAAL	LAQIEKQFGKGSIMKLGQT	.EQLDIESVSTGSLGLDLALGIGGLPMGR	76					
NTDB id 1130 NGFG RS03960 WP 003688695.1	.....MSD	DKSKALAAAL	LAQIEKSFGKGAIMKMDGSQ	QEEENLEVISTGSLGLDLALGVGGLPRGR	60					
NTDB id 1124 NGFG RS03960 WP 003688695.1	.....MSD	DKSKALAAAL	LAQIEKSFGKGAIMKMDGSQ	QEEENLEVISTGSLGLDLALGVGGLPRGR	60					
NTDB id 1123 OK783 RS03845 WP 003688695.1	.....MSD	DKSKALAAAL	LAQIEKSFGKGAIMKMDGSQ	QEEENLEVISTGSLGLDLALGVGGLPRGR	60					
NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....KKAASMSA	EKQKALAAAL	LAQIEKQFGKGSIMKMGDA	.EVEPVQVSTGSLGLDVALGVGGLPRGR	68					
NTDB id 1165 A1552VC RS01565 WP 000344154.1	.....MDEN	KQKALAAAL	LGQIEKQFGKGSIMRLGDN	.RAMDVETISTGSLSLDI	ALGAGGLPMGR	59				
NTDB id 1142 GTF74 RS11550 WP 000344154.1	.....MDEN	KQKALAAAL	LGQIEKQFGKGSIMRLGDN	.RAMDVETISTGSLSLDI	ALGAGGLPMGR	59				
NTDB id 1022 ACIAD RS06390 WP 004925639.1	.....MDDN	KSKALQAALS	QIEKQFGKNTVMRLGDN	.TVQAVEAVSTGSLTLDI	ALGIGGLPKGR	59				
NTDB id 1074 ABD1 RS10195 WP 000344167.1	.....MDEN	KSKALQAALS	QIEKQFGKNTVMRLGDN	.TVQAVEAVSTGSLTLDI	ALGIGGLPKGR	59				
NTDB id 1205 PSJM300 05545 AFN77183.1	.....MDEN	KKRALAAAL	LGQIEKQFGKGVMRMGDH	.DRQAIPSISTGSLGLDI	ALGIGGLPKGR	59				
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consensus

 non conserved  
 similar  
 ≥ 50% conserved