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NTDB id 600 KW2 RS01765 WP 011675413.1	MATKK...KTNFDDITKKYGAERDKALADALALIEKD FGKGSIMRLGER.ANQKVS	VSSGSLALDI	ALGAGGYPKGRIV	76	
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAKK...PKKLEEISKKKFGAEREKALNDALKLI	IEKDFGKGSIMRLGER.AEQKVQVMSSGSLALDI	ALGSGGYPKGRIT	75	
NTDB id 228 SPD RS09265 WP 001085462.1	.MAKK...PKKLEEISKKKFGAEREKALNDALKLI	IEKDFGKGSIMRLGER.AEQKVQVMSSGSLALDI	ALGSGGYPKGRIT	75	
NTDB id 194 SPR RS08825 WP 001085462.1	.MAKK...PKKLEEISKKKFGAEREKALNDALKLI	IEKDFGKGSIMRLGER.AEQKVQVMSSGSLALDI	ALGSGGYPKGRIT	75	
NTDB id 159 SP RS09750 WP 001085462.1	.MAKK...PKKLEEISKKKFGAEREKALNDALKLI	IEKDFGKGSIMRLGER.AEQKVQVMSSGSLALDI	ALGSGGYPKGRIT	75	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAKK...PKKLEEISKKKFGAEREKALNDALKLI	IEKDFGKGSIMRLGER.AEQKVQVMSSGSLALDI	ALGSGGYPKGRIT	75	
NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAKK...PKKLEEISKKKFGAEREKALNDALKLI	IEKDFGKGSIMRLGER.AEQKVQVMSSGSLALDI	ALGSGGYPKGRIT	75	
NTDB id 408 SMU RS09530 WP 002262392.1	.MAKR...IKKTEEITKKKFGDERRKALDDALKN	IEKDFGKGAVMRLGER.AEQKVQVMSSGSLALDI	ALGAGGYPKGRIV	75	
NTDB id 453 Spy49 1753c ACI62003.1	.MAKK...LKKNEEITKKKFGDERRKALDDALKN	IEKDFGKGAVMRLGER.AEQKVQVMSSGSLALDI	ALGAGGYPKGRIT	75	
NTDB id 115 BSU 16940 NP 389576.2	.....MSDRQAALDMALKQIEKQFGKGSIMKLG	EK.TDTRISTVPSGSLALDTALGIGGYPRGRIT	60		
NTDB id 625 LCA RS02525 WP 011374196.1	.....MAKDERQAALDAALKKIEKNFGKGSIMRM	GEEK.VDTQVSTVSSGSLALDEALGVGGYPRGRIV	62		
NTDB id 1313 DR RS12030 WP 010888966.1	.MSKD..A..TKEISAPTDAKERSKATETAMSQIE	KAFGKGSIMKLGAE.SKLDVQVVSTGSLSLDLAL	GVGGIPRGRIT	74	
NTDB id 1245 Cj1673c YP 002345041.1	.....MDDNKRKSLDAALKSLDKTFGKGTILRL	GDK.EVEQIDSIGTGSVGLDLALGIGGVPKGRIT	61		
NTDB id 1214 NCTC11637 00359 SQJ03206.1	.....MAIDEDKQKATISLAIKQIDKVF	FGKGAIVRLGDK.QVEKIDAISTGSLGLDLAL	GIGVVKGRIT	63	
NTDB id 1211 C694 RS00795 WP 000963128.1	.....MAIDEDKQKATISLAIKQIDKVF	FGKGAIVRLGDK.QVEKIDSISTGSLGLDLAL	GIGVVKGRIT	63	
NTDB id 1334 RAOC RS04870 WP 004918236.1	.MA.....KTETTSPNDKKKALAAVLEKLDKT	YGGKTVMKLGDGTVDHNIIEVIPS	GSGLGLDLALGVGGYPKGRIV	70	
NTDB id 333257 EQJ32 RS11430 WP 045999067.1	.MAQA....SIFDMTDKRAADKQKALDSALAQIE	RQFGKGSIMKLGKDSVPAEIEATSTGSLGLDI	ALGIGGLPKGRIT	74	
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKSSKNNTVVKQVEPEQKQKALEAALAQIE	KQFGKGSIMKLGQT.EQLDIESVSTGSLGLDL	ALGIGGLPMGRIV	78	
NTDB id 1130 NGFG RS03960 WP 003688695.1	.....MSDDKSKALAAALAQIEKSF	GKGAIMKMDGSQREENLEVISTGSLGLDLAL	GVGGLPGRIV	62	
NTDB id 1124 NGFG RS03960 WP 003688695.1	.....MSDDKSKALAAALAQIEKSF	GKGAIMKMDGSQREENLEVISTGSLGLDLAL	GVGGLPGRIV	62	
NTDB id 1123 OK783 RS03845 WP 003688695.1	.....MSDDKSKALAAALAQIEKSF	GKGAIMKMDGSQREENLEVISTGSLGLDLAL	GVGGLPGRIV	62	
NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....KKAASMSAEKQKALAAALAQIE	KQFGKGSIMKMGDA.EVEPVQVVSTGSLGLD	VALGVGGLPRGRVV	70	
NTDB id 1165 A1552VC RS01565 WP 000344154.1	.....MDENKQKALAAALGQIEKQFGKGS	IMRLGDN.RAMDVETISTGSLSLDI	ALGAGGLPMGRIV	61	
NTDB id 1142 GTF74 RS11550 WP 000344154.1	.....MDENKQKALAAALGQIEKQFGKGS	IMRLGDN.RAMDVETISTGSLSLDI	ALGAGGLPMGRIV	61	
NTDB id 1205 PSJM300 05545 AFN77183.1	.....MDENKRALAAALGQIEKQFGKGA	VMRMGDH.DRQAIPSI	STGSLGLDI	ALGIGGLPKGRIV	61
NTDB id 1022 ACIAD RS06390 WP 004925639.1	.....MDDNKS	KALQAALSQIEKQFGKNTVMRLGDN.TVQAVE	AVSTGSLTLDI	ALGIGGLPKGRIV	61
NTDB id 1074 ABD1 RS10195 WP 000344167.1	.....MDENKS	KALQAALSQIEKQFGKNTVMRLGDN.TVQAVE	AVSTGSLTLDI	ALGIGGLPKGRIT	61
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consensus

non conserved  
 similar  
 ≥ 50% conserved