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NTDB id 600 KW2 RS01765 WP 011675413.1	MATKKK.....TNFDDITKKYGA	ERDKALADALALIEKD	FGKGSIMRLGEA	.ANQKVS	VSSGSLALDI	ALGAGGYPKGR	74	
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAKKP.....KKLEEISKKFGA	EREKALNDALKLI	FKGGSIMRLGER	.AEQKVQVMSS	GSLALDI	ALGSGGYPKGR	73	
NTDB id 228 SPD RS09265 WP 001085462.1	.MAKKP.....KKLEEISKKFGA	EREKALNDALKLI	FKGGSIMRLGER	.AEQKVQVMSS	GSLALDI	ALGSGGYPKGR	73	
NTDB id 194 SPR RS08825 WP 001085462.1	.MAKKP.....KKLEEISKKFGA	EREKALNDALKLI	FKGGSIMRLGER	.AEQKVQVMSS	GSLALDI	ALGSGGYPKGR	73	
NTDB id 159 SP RS09750 WP 001085462.1	.MAKKP.....KKLEEISKKFGA	EREKALNDALKLI	FKGGSIMRLGER	.AEQKVQVMSS	GSLALDI	ALGSGGYPKGR	73	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAKKP.....KKLDEISKKFGA	EREKALNDALKLI	FKGGSIMRLGER	.AEQKVQVMSS	GSLALDI	ALGSGGYPKGR	73	
NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAKKP.....KKLDEISKKFGA	EREKALNDALKLI	FKGGSIMRLGER	.AEQKVQVMSS	GSLALDI	ALGSGGYPKGR	73	
NTDB id 453 Spy49 1753c ACI62003.1	.MAKKL.....KKNEEITKKFG	DERKALDDALKN	IEKDFGKGAVMRLGER	.AEQKVQVMSS	GSLALDI	ALGAGGYPKGR	73	
NTDB id 408 SMU RS09530 WP 002262392.1	.MAKRI.....KKTEEITKKFG	DERKALDDALKN	IEKDFGKGAVMRLGER	.AEQKVQVMSS	GSLALDI	ALGAGGYPKGR	73	
NTDB id 115 BSU 16940 NP 389576.2	.....MSDRQAALDMALKQ	IEKQFGKGSIMKLG	EK.TDTRISTVPS	GSLALDI	TALGIGGYPRGR	58	
NTDB id 625 LCA RS02525 WP 011374196.1	.....MAKDERQAALDAALKK	IEKNFGKGSIMRM	GK.VDTQVSTVSS	GSLALDE	ALGVGGYPRGR	60	
NTDB id 1313 DR RS12030 WP 010888966.1	.....MSKDATKEISAPTD	AKERSKATETAM	QIEKAFGKGSIMKLG	AE.SKLDVQV	VSTGSLSLDL	ALGVGGIPRGR	72
NTDB id 1245 Cj1673c YP 002345041.1	.....MDNKRKSLDAALKS	LDKTFGKGTILRL	GDK.EVEQIDS	IGTGSVGLDL	ALGIGGVPKGR	59	
NTDB id 1214 NCTC11637 00359 SQJ03206.1	.....MAIDEDKQKATISLA	IKQIDKVF	FGKALVRLGDK.QVEKIDA	ISTGSLGLDL	ALGIGGVPKGR	61	
NTDB id 1211 C694 RS00795 WP 000963128.1	.....MAIDEDKQKATISLA	IKQIDKVF	FGKALVRLGDK.QVEKIDS	ISTGSLGLDL	ALGIGGVPKGR	61	
NTDB id 1334 RAOC RS04870 WP 004918236.1	.....MAKT..ETTS	PNDDKKKALAAVLE	KLDKTYGKGTVMK	LGDGTVDHNI	IEVIPSGSLGLDL	ALGVGGYPKGR	68
NTDB id 1130 NGFG RS03960 WP 003688695.1	.....MSDDKSKALAAAL	QIEKSF	GKGAIMKMDGSQ	QEEENLEVIST	GSLGLDL	ALGVGGLPRGR	60
NTDB id 1124 NGFG RS03960 WP 003688695.1	.....MSDDKSKALAAAL	QIEKSF	GKGAIMKMDGSQ	QEEENLEVIST	GSLGLDL	ALGVGGLPRGR	60
NTDB id 1123 OK783 RS03845 WP 003688695.1	.....MSDDKSKALAAAL	QIEKSF	GKGAIMKMDGSQ	QEEENLEVIST	GSLGLDL	ALGVGGLPRGR	60
NTDB id 1427 RS RS02760 WP 011000510.1	.....MEDGK..KAASMS	AIEKQKALAAAL	QIEKQFGKGSIMKMG	DA.EVEPVQV	VSTGSLGLDV	ALGVGGLPRGR	68
NTDB id 1022 ACIAD RS06390 WP 004925639.1	.....MDNKS	KALQAALSQIEKQ	FGKNTVMRLGDN	.TVQAVEAV	STGSLTLDI	ALGIGGLPKGR	59
NTDB id 1074 ABD1 RS10195 WP 000344167.1	.....MDENK	SKALQAALSQIEKQ	FGKNTVMRLGDN	.TVQAVEAV	STGSLTLDI	ALGIGGLPKGR	59
NTDB id 1205 PSJM300 05545 AFN77183.1	.....MDENK	KRALAAALGQIEKQ	FGKGAVMRMGD	H.DRQATPS	ISTGSLGLDI	ALGIGGLPKGR	59
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENK	KSSKNNTV.VKQVEPE	QKKQALEAAL	QIEKQFGKGSIMK	LQGT.EQLDIES	VSTGSLGLDL	ALGIGGLPMGR	76
NTDB id 356157 E5136 RS06305 WP 005724816.1	.....MATK	EENKALAAALGQIEKQ	FGKGSIMKLG	DT.QALDVEA	VSTGSLSLDV	ALGIGGLPMGR	61
NTDB id 1165 A1552VC RS01565 WP 000344154.1	.....MDENK	QKALAAALGQIEKQ	FGKGSIMRLGDN	.RAMDVET	ISTGSLSLDI	ALGAGGLPMGR	59
NTDB id 1142 GTF74 RS11550 WP 000344154.1MDENK	QKALAAALGQIEKQ	FGKGSIMRLGDN	.RAMDVET	ISTGSLSLDI	ALGAGGLPMGR	59	
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NTDB id 1165 A1552VC RS01565 WP 000344154.1	...	354
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consensus

 non conserved
 similar
 ≥ 50% conserved