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NTDB id 600 KW2 RS01765 WP 011675413.1	MATKKK.....TNFDDITKKYGAERDKALADALALIEKD	FGKGSIMRLGEA	.ANQKVS	VSSGSLALDI	ALGAGGYPKGR	74
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAKKP.....KKLEEISKKKFGAEREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR		73
NTDB id 228 SPD RS09265 WP 001085462.1	.MAKKP.....KKLEEISKKKFGAEREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR		73
NTDB id 194 SPR RS08825 WP 001085462.1	.MAKKP.....KKLEEISKKKFGAEREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR		73
NTDB id 159 SP RS09750 WP 001085462.1	.MAKKP.....KKLEEISKKKFGAEREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR		73
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAKKP.....KKLDEISKKKFGAEREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR		73
NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAKKP.....KKLDEISKKKFGAEREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR		73
NTDB id 453 Spy49 1753c ACI62003.1	.MAKKL.....KKNEEITKKKFGDERRKALDDALKNIEKD	FGKGVMLRGER	.AEQKVQVMSSGSLALDI	ALGAGGYPKGR		73
NTDB id 408 SMU RS09530 WP 002262392.1	.MAKRI.....KKTEEITKKKFGDERRKALDDALKNIEKD	FGKGVMLRGER	.AEQKVQVMSSGSLALDI	ALGAGGYPKGR		73
NTDB id 115 BSU 16940 NP 389576.2	.....MSDRQAALDMALKQIEKQFGKGSIMKLG	IEK.TDTRISTVPSGSLALDI	TALGIGGYPRGR		58
NTDB id 625 LCA RS02525 WP 011374196.1	.....MAKDERQAALDAALKKIEKNFGKGSIMRMGEK	.VDTQVSTVSSGSLALDEALGVGGYPRGR		60	
NTDB id 1313 DR RS12030 WP 010888966.1	.....MSKDATKEISAPTDAKERSKATETAM	QIEKAFGKGSIMKLGAE	.SKLDVQVVSTGSLSLDLALGVGGIPRGR		72
NTDB id 1245 Cj1673c YP 002345041.1	.....MDNKRKSLDAALKS	LDKTFGKGTILRLGDK	.EVEQIDSIGTGSVGLDLALGIGGVPKGR		59
NTDB id 1211 C694 RS00795 WP 000963128.1	.....MAIDEDKQKATISLAIKQIDKVF	FGKGVMLRGER	.QVEKIDSISTGSLGLDLALGIGGVPKGR		61
NTDB id 1214 NCTC11637 00359 SQJ03206.1	.....MAIDEDKQKATISLAIKQIDKVF	FGKGVMLRGER	.QVEKIDSISTGSLGLDLALGIGGVPKGR		61
NTDB id 1334 RAOC RS04870 WP 004918236.1	.....MAK..TETTSPPDDKKKALAAVLEK	LDKTYGKGTVMKLG	DTVDHNIIEVIPSGLGLDLALGVGGYPKGR		68
NTDB id 1130 NGFG RS03960 WP 003688695.1	.....MSDDKSKALAAALAIKIEK	SFGKGAIMKMDGSQ	QEEENLEVISTGSLGLDLALGVGGLPRGR		60
NTDB id 1124 NGFG RS03960 WP 003688695.1	.....MSDDKSKALAAALAIKIEK	SFGKGAIMKMDGSQ	QEEENLEVISTGSLGLDLALGVGGLPRGR		60
NTDB id 1123 OK783 RS03845 WP 003688695.1	.....MSDDKSKALAAALAIKIEK	SFGKGAIMKMDGSQ	QEEENLEVISTGSLGLDLALGVGGLPRGR		60
NTDB id 1427 RS RS02760 WP 011000510.1	.....MEDG..KKAASMSAEKQKALAAALAIKIEK	QFGKGSIMKMGDA	.EVEPVQVVSTGSLGLDV	ALGVGGLPRGR	68
NTDB id 210450 BTV17 RS02820 WP 075293444.1	.....MATPFEKAKALEAALGQIEKQ	FGKGAIMKLGDT	.QKLDIEAISTGSLSLDV	ALGIGGLPMGR	61
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKS	SKNNT.VVKQVEPEKQKQALEAALAIKIEK	QFGKGSIMKLGQT	.EQLDIESVSTGSLGLDLALGIGGLPMGR	76	
NTDB id 1165 A1552VC RS01565 WP 000344154.1	.....MDENKQKALAAALGQIEKQ	FGKGSIMRLGDN	.RAMDVETISTGSLSLDI	ALGAGGLPMGR	59
NTDB id 1142 GTF74 RS11550 WP 000344154.1	.....MDENKQKALAAALGQIEKQ	FGKGSIMRLGDN	.RAMDVETISTGSLSLDI	ALGAGGLPMGR	59
NTDB id 1205 PSJM300 05545 AFN77183.1MDENKQRALAAALGQIEKQ	FGKGVMLRMDH	.DRQAIPSI	STGSLGLDI	ALGIGGLPKGR	59
NTDB id 1022 ACIAD RS06390 WP 004925639.1	.....MDENKSKALQAALSQIEKQ	FGKNTVMRLGDN	.TVQAVEAVSTGSLTLDI	ALGIGGLPKGR	59
NTDB id 1074 ABD1 RS10195 WP 000344167.1MDENKSKALQAALSQIEKQ	FGKNTVMRLGDN	.TVQAVEAVSTGSLTLDI	ALGIGGLPKGR	59	
consensus	*** **	** ***!	*!*****	*	***!!*!!*!!*!!*!!*!!*!!*!!	

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NTDB id 600	KW2 RS01765 WP 011675413.1	387
NTDB id 269	KZH43 RS08665 WP 001085462.1	IEIEE	388
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NTDB id 210450	BTV17 RS02820 WP 075293444.1	355
NTDB id 1389	A4U84 RS07560 WP 021112712.1	372
NTDB id 1165	A1552VC RS01565 WP 000344154.1	354
NTDB id 1142	GTF74 RS11550 WP 000344154.1	354
NTDB id 1205	PSJM300 05545 AFN77183.1	347
NTDB id 1022	ACIAD RS06390 WP 004925639.1	349
NTDB id 1074	ABD1 RS10195 WP 000344167.1	349

consensus

non conserved
 similar
 ≥ 50% conserved