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NTDB id 600 KW2 RS01765 WP 011675413.1	MATKK....KTNFDDITKKYGAERDKALADALALIEKD	FGKGSIMRLGER	.ANQKVS	VSSGSLALDI	TALGAGGYPKGR	74
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAKK....PKKLEEISKKFGE	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	TALGSGGYPKGR	73
NTDB id 228 SPD RS09265 WP 001085462.1	.MAKK....PKKLEEISKKFGE	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	TALGSGGYPKGR	73
NTDB id 194 SPR RS08825 WP 001085462.1	.MAKK....PKKLEEISKKFGE	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	TALGSGGYPKGR	73
NTDB id 159 SP RS09750 WP 001085462.1	.MAKK....PKKLEEISKKFGE	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	TALGSGGYPKGR	73
NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAKK....PKKLEEISKKFGE	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	TALGSGGYPKGR	73
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAKK....PKKLEEISKKFGE	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	TALGSGGYPKGR	73
NTDB id 453 Spy49 1753c ACI62003.1	.MAKK....LKKNEEITKKFGE	DERRKALDDALKN	IEKDFGKGVMLRGER	.AEQKVQVMSSGSLALDI	TALGAGGYPKGR	73
NTDB id 408 SMU RS09530 WP 002262392.1	.MAKR....IKKTEEITKKFGE	DERRKALDDALKN	IEKDFGKGVMLRGER	.AEQKVQVMSSGSLALDI	TALGAGGYPKGR	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	.....MSKDATKEISAPTDAK	ERSKATETAMSI	EKAFGKGSIMKLGAE	.SKLDVQVVSTGSLSLDLALGVGGIPRGR	72
NTDB id 1245 Cj1673c YP 002345041.1	.....MDNKRKSLDAALKS	LDKTFGKGTILRLGDK	.EVEQIDSIGTGSVGLDLALGIGGVPKGR	59	
NTDB id 1214 NCTC11637 00359 SQJ03206.1	.....MAIDEDKQKATISLA	IKQIDKVF	FGKGAALVRLGDK	.QVEKIDISTGSLGLDLALGIGGVPKGR	61
NTDB id 1211 C694 RS00795 WP 000963128.1	.....MAIDEDKQKATISLA	IKQIDKVF	FGKGAALVRLGDK	.QVEKIDISTGSLGLDLALGIGGVPKGR	61
NTDB id 1334 RAOC RS04870 WP 004918236.1	.....MAKT..ETTSPNDDKK	KALAAVLEKLDKTYGKGTVMKLG	GTVDHNI	IEVIPSGLGLDLALGVGGYPKGR	68
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKS	SKNNTV.VKQVEPEQKKQ	ALEAALQIEKQFGKGSIMKLG	QT.EQLDIESVSTGSLGLDLALGIGGLPMGR	76	
NTDB id 1130 NGFG RS03960 WP 003688695.1	.....MSDDKSKALAAALQ	IEKSF	FGKGAIMKMDGSQ	QEEENLEVISTGSLGLDLALGVGGLPRGR	60
NTDB id 1124 NGFG RS03960 WP 003688695.1	.....MSDDKSKALAAALQ	IEKSF	FGKGAIMKMDGSQ	QEEENLEVISTGSLGLDLALGVGGLPRGR	60
NTDB id 1123 OK783 RS03845 WP 003688695.1	.....MSDDKSKALAAALQ	IEKSF	FGKGAIMKMDGSQ	QEEENLEVISTGSLGLDLALGVGGLPRGR	60
NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....K..KAASMSAEKQ	KALAAALQIEKQFGKGSIMKMGDA	.EVEPVQVVSTGSLGLDV	ALGVGGLPRGR	68	
NTDB id 1165 A1552VC RS01565 WP 000344154.1	.....MDENKQKALAAALG	QIEKQFGKGSIMRLGDN	.RAMDVETISTGSLSLDI	TALGAGGLPMGR	59
NTDB id 1142 GTF74 RS11550 WP 000344154.1	.....MDENKQKALAAALG	QIEKQFGKGSIMRLGDN	.RAMDVETISTGSLSLDI	TALGAGGLPMGR	59
NTDB id 1205 PSJM300 05545 AFN77183.1	.....MDENKRRALAAALG	QIEKQFGKGVMLRMDH	.DRQALPSISTGSLGLDI	TALGIGGLPKGR	59
NTDB id 136555 EHS42 RS06440 WP 005401034.1	.....MDDNKSKALNAALS	QIEKQFGKNTVMRLGDN	.TVQAVEAVSTGSLTLDI	TALGIGGLPKGR	59
NTDB id 1022 ACIAD RS06390 WP 004925639.1	.....MDDNKSKALQAALS	QIEKQFGKNTVMRLGDN	.TVQAVEAVSTGSLTLDI	TALGIGGLPKGR	59
NTDB id 1074 ABD1 RS10195 WP 000344167.1MDENKSKALQAALS	QIEKQFGKNTVMRLGDN	.TVQAVEAVSTGSLTLDI	TALGIGGLPKGR	59	
consensus	*** ** *	***! *!*****	*	***!****!!	!! *!*	

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NTDB id 269 KZH43 RS08665 WP 001085462.1	IEE	388
NTDB id 228 SPD RS09265 WP 001085462.1	IEE	388
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NTDB id 1427 RS RS02760 WP 011000510.1	...	352
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NTDB id 1205 PSJM300 05545 AFN77183.1	...	347
NTDB id 136555 EHS42 RS06440 WP 005401034.1	...	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