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NTDB id 600 KW2 RS01765 WP 011675413.1	MATKK.....KTNFDDITKKYGAERDKALADALALIEKD FGKGSIMRLGERAE.AAN.QKVS	VSSGSLALDIALGAGGYPKGR	74
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAKK.....PKKLEEISKKFGAEREKALNDALKLEKD FGKGSIMRLGERAE.QKVQVMSSGSLALDIALGSGGYPKGR		73
NTDB id 228 SPD RS09265 WP 001085462.1	.MAKK.....PKKLEEISKKFGAEREKALNDALKLEKD FGKGSIMRLGERAE.QKVQVMSSGSLALDIALGSGGYPKGR		73
NTDB id 194 SPR RS08825 WP 001085462.1	.MAKK.....PKKLEEISKKFGAEREKALNDALKLEKD FGKGSIMRLGERAE.QKVQVMSSGSLALDIALGSGGYPKGR		73
NTDB id 159 SP RS09750 WP 001085462.1	.MAKK.....PKKLEEISKKFGAEREKALNDALKLEKD FGKGSIMRLGERAE.QKVQVMSSGSLALDIALGSGGYPKGR		73
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAKK.....PKKLEEISKKFGAEREKALNDALKLEKD FGKGSIMRLGERAE.QKVQVMSSGSLALDIALGSGGYPKGR		73
NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAKK.....PKKLEEISKKFGAEREKALNDALKLEKD FGKGSIMRLGERAE.QKVQVMSSGSLALDIALGSGGYPKGR		73
NTDB id 453 Spy49 1753c ACI62003.1	.MAKK.....LKKNEEITKKFGDERRKALDDALKNIEKD FGKGVMLRGERAE.QKVQVMSSGSLALDIALGAGGYPKGR		73
NTDB id 408 SMU RS09530 WP 002262392.1	.MAKR.....IKKTEEITKKFGDERRKALDDALKNIEKD FGKGVMLRGERAE.QKVQVMSSGSLALDIALGAGGYPKGR		73
NTDB id 115 BSU 16940 NP 389576.2	.....MSDRQAALDMALKQIEKQFGKGSIMKLGKTD.TRISTVPSGSLALDIALGIGGYPKGR		58
NTDB id 625 LCA RS02525 WP 011374196.1	.....MAKDERQAALDAALKKIEKNFGKGSIMRMGEKVD.TQVSTVSSGSLALDEALGVGGYPKGR		60
NTDB id 1313 DR RS12030 WP 010888966.1	.....MSKDATKEISAPTDAKERSKATETAMSIKQIEKAFGKGSIMKLGAEK.LDVQVSTGSLSLDLALGVGGIPKGR		72
NTDB id 1245 Cj1673c YP 002345041.1	.....MDNKRKSLDAALKS LDKT FGKGTILRLGDKV.EQIDSIGTGSVGLDLALGIGGVPKGR		59
NTDB id 1214 NCTC11637 00359 SQJ03206.1	.....MAIDEDKQKATISLAIKQIDKVF GK GALVRLGDKQV.EKIDAISTGSLGLDLALGIGGVPKGR		61
NTDB id 1211 C694 RS00795 WP 000963128.1	.....MAIDEDKQKATISLAIKQIDKVF GK GALVRLGDKQV.EKIDSISTGSLGLDLALGIGGVPKGR		61
NTDB id 1334 RAOC RS04870 WP 004918236.1	.....MAKT..ETTSPNDDKKKALAAVLEK LDKT YGKGTVMKLGDTVDHNIIEVIPSGLGLDLALGVGGYPKGR		68
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKSNNNTV.VKQVEPEQKKQALEAALAIKQIEKQFGKGSIMKLGQTEQ.LDIESVSTGSLGLDLALGIGGLPMGR		76
NTDB id 1130 NGFG RS03960 WP 003688695.1	.....MSDDKSKALAAALAIKQIEKQFGKGAIMKMDGSQEQENLEVISTGSLGLDLALGVGGLPRGR		60
NTDB id 1124 NGFG RS03960 WP 003688695.1	.....MSDDKSKALAAALAIKQIEKQFGKGAIMKMDGSQEQENLEVISTGSLGLDLALGVGGLPRGR		60
NTDB id 1123 OK783 RS03845 WP 003688695.1	.....MSDDKSKALAAALAIKQIEKQFGKGAIMKMDGSQEQENLEVISTGSLGLDLALGVGGLPRGR		60
NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....K..KAASMSAEKQKALAAALAIKQIEKQFGKGSIMKMGDAEV.EPVQVSTGSLGLDVALGVGGLPRGR		68
NTDB id 1165 A1552VC RS01565 WP 000344154.1	.....MDENKQKALAAALGQIEKQFGKGSIMRLGDNRA.MDVETISTGSLSLDIALGAGGLPMGR		59
NTDB id 1142 GTF74 RS11550 WP 000344154.1	.....MDENKQKALAAALGQIEKQFGKGSIMRLGDNRA.MDVETISTGSLSLDIALGAGGLPMGR		59
NTDB id 1022 ACIAD RS06390 WP 004925639.1	.....MDDNKSKALQAALSQIEKQFGKNTVMRLGDNNTV.QAVEAVSTGSLTLDIALGIGGLPKGR		59
NTDB id 1074 ABD1 RS10195 WP 000344167.1	.....MDENKSKALQAALSQIEKQFGKNTVMRLGDNNTV.QAVEAVSTGSLTLDIALGIGGLPKGR		59
NTDB id 184220 A9E84 RS08780 WP 010947527.1	.....MEENKQKALSAALSQIERQFGKGSVMRMGDNSTVSRDIEAISTGSLGLDIALGIGGLPKGR		60
NTDB id 1205 PSJM300 05545 AFN77183.1MDENKRRALAAALGQIEKQFGKGVMLRMDHDR.QAIPSIISTGSLGLDIALGIGGLPKGR		59
consensus	*** ** *	***** *!!!!*****	* ****!!*!!*!!*!!*!!*!!*!!*!!*!!*!!

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NTDB id 600 KW2 RS01765 WP 011675413.1	...	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	IEE	388
NTDB id 228 SPD RS09265 WP 001085462.1	IEE	388
NTDB id 194 SPR RS08825 WP 001085462.1	IEE	388
NTDB id 159 SP RS09750 WP 001085462.1	IEE	388
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NTDB id 1313 DR RS12030 WP 010888966.1	...	363
NTDB id 1245 Cj1673c YP 002345041.1	...	343
NTDB id 1214 NCTC11637 00359 SQJ03206.1	...	347
NTDB id 1211 C694 RS00795 WP 000963128.1	...	347
NTDB id 1334 RAOC RS04870 WP 004918236.1	...	343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	...	372
NTDB id 1130 NGFG RS03960 WP 003688695.1	...	348
NTDB id 1124 NGFG RS03960 WP 003688695.1	...	348
NTDB id 1123 OK783 RS03845 WP 003688695.1	...	348
NTDB id 1427 RS RS02760 WP 011000510.1	...	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	...	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	...	354
NTDB id 1022 ACIAD RS06390 WP 004925639.1	...	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	...	349
NTDB id 184220 A9E84 RS08780 WP 010947527.1	...	348
NTDB id 1205 PSJM300 05545 AFN77183.1	...	347

consensus

X non conserved
X similar
X ≥ 50% conserved