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NTDB id 600 KW2 RS01765 WP 011675413.1	MATKK.....KTNFDDITKKYGA	ERDKALADALALIEKDFGKGSIMRLG	EAA	ANQKVS	VSSGSLALDIALGAGGYPKGR	74
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAKK.....PKKLEEISKKFGA	EREKALNDALKLEKDFGKGSIMRLG	ER	AEQKVQ	VMSGSLALDIALGSGGYPKGR	73
NTDB id 228 SPD RS09265 WP 001085462.1	.MAKK.....PKKLEEISKKFGA	EREKALNDALKLEKDFGKGSIMRLG	ER	AEQKVQ	VMSGSLALDIALGSGGYPKGR	73
NTDB id 194 SPR RS08825 WP 001085462.1	.MAKK.....PKKLEEISKKFGA	EREKALNDALKLEKDFGKGSIMRLG	ER	AEQKVQ	VMSGSLALDIALGSGGYPKGR	73
NTDB id 159 SP RS09750 WP 001085462.1	.MAKK.....PKKLEEISKKFGA	EREKALNDALKLEKDFGKGSIMRLG	ER	AEQKVQ	VMSGSLALDIALGSGGYPKGR	73
NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAKK.....PKKLDEISKKFGA	EREKALNDALKLEKDFGKGSIMRLG	ER	AEQKVQ	VMSGSLALDIALGSGGYPKGR	73
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAKK.....PKKLDEISKKFGA	EREKALNDALKLEKDFGKGSIMRLG	ER	AEQKVQ	VMSGSLALDIALGSGGYPKGR	73
NTDB id 408 SMU RS09530 WP 002262392.1	.MAKR.....IKKTEEITKKFGD	ERRKALDDALKNIEKDFGKGAVMRLG	ER	AEQKVQ	VMSGSLALDIALGAGGYPKGR	73
NTDB id 453 Spy49 1753c ACI62003.1	.MAKK.....LKKNEEITKKFGD	ERRKALDDALKNIEKDFGKGAVMRLG	ER	AEQKVQ	VMSGSLALDIALGAGGYPKGR	73
NTDB id 625 LCA RS02525 WP 011374196.1	.....MAKD	ERQAALDAALKKIEKNFGKGSIMRMGEK	ER	VDTQV	VSTVSSGSLALDEALGVGGYPRGR	60
NTDB id 1068358 AGLYD RS12130 WP 067211085.1	.....MS	DRKAALMALKQIEKQFGKGSIMKLGEK	ER	TNLEV	ETSSTGSLALDAALGIGGYPRGR	58
NTDB id 115 BSU 16940 NP 389576.2	.....MS	DRQAALDMALKQIEKQFGKGSIMKLGEK	ER	TDTR	ISTVPSGSLALDTALGIGGYPRGR	58
NTDB id 1313 DR RS12030 WP 010888966.1	.....MSKDATKEISAPTD	AKERSKATETAMSQIEKAFGKGSIMKLGAE	ER	SKLDV	QVVSTGSLSLDLALGVGGIPRGR	72
NTDB id 1245 Cj1673c YP 002345041.1	.....MDDN	KRKSLSLDAALKSLDKTFGKGTILRLGDK	ER	EVEQ	IDSIGTGSVGLDLALGIGGVKGR	59
NTDB id 1214 NCTC11637 00359 SQJ03206.1	.....MAIDE	DKQKAIISLAIKQIDKVFGKCALVRLGDK	ER	QVEK	IDAISTGSLGLDLALGIGGVKGR	61
NTDB id 1211 C694 RS00795 WP 000963128.1	.....MAIDE	DKQKAIISLAIKQIDKVFGKCALVRLGDK	ER	QVEK	IDSISTGSLGLDLALGIGGVKGR	61
NTDB id 1334 RAOC RS04870 WP 004918236.1	.....MAKT	..ETTSPNDKKKALAAVLEKLDKTYGKGTVMKLG	ER	GTVDHN	IEVIPSGSLGLDLALGVGGYPKGR	68
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKSSKNNTV..VKQVEPEQ	KKQALEAALAQIEKQFGKGSIMKLGQT	ER	EQLD	IESVSTGSLGLDLALGIGGLPMGR	76
NTDB id 1130 NGFG RS03960 WP 003688695.1	.....MSD	DKSKALAAALAQIEKSFGKGAIMKMDGSQ	ER	QVEEN	LEVISTGSLGLDLALGVGGLPRGR	60
NTDB id 1124 NGFG RS03960 WP 003688695.1	.....MSD	DKSKALAAALAQIEKSFGKGAIMKMDGSQ	ER	QVEEN	LEVISTGSLGLDLALGVGGLPRGR	60
NTDB id 1123 OK783 RS03845 WP 003688695.1	.....MSD	DKSKALAAALAQIEKSFGKGAIMKMDGSQ	ER	QVEEN	LEVISTGSLGLDLALGVGGLPRGR	60
NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....K..KAASMSA	EKQKALAAALAQIEKQFGKGSIMKMGDA	ER	EVEPV	QVVSTGSLGLDVALGVGGLPRGR	68
NTDB id 1165 A1552VC RS01565 WP 000344154.1	.....MDEN	KKALAAALGQIEKQFGKGSIMRLGDN	ER	RAMD	VETISTGSLSLDIALGAGGLPMGR	59
NTDB id 1142 GTF74 RS11550 WP 000344154.1	.....MDEN	KKALAAALGQIEKQFGKGSIMRLGDN	ER	RAMD	VETISTGSLSLDIALGAGGLPMGR	59
NTDB id 1022 ACIAD RS06390 WP 004925639.1	.....MDDN	KSKALQAALSQIEKQFGKNTVMRLGDN	ER	TVQAV	EAVSTGSLTLDIALGIGGLPKGR	59
NTDB id 1074 ABD1 RS10195 WP 000344167.1	.....MDEN	KSKALQAALSQIEKQFGKNTVMRLGDN	ER	TVQAV	EAVSTGSLTLDIALGIGGLPKGR	59
NTDB id 1205 PSJM300 05545 AFN77183.1	.....MDEN	KKRALAAALGQIEKQFGKGAVMRMGDH	ER	DRQA	IPSIISTGSLGLDIALGIGGLPKGR	59
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consensus

 non conserved  
 similar  
 ≥50% conserved