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NTDB id 600 KW2 RS01765 WP 011675413.1	MATK....KKTNFDDITKKYGA	ERDKALADALALIEKDFGKGSIMRLG	E.A	ANQKVS	VSSGSLALDIALGAGGYPKGR	74	
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAK....KPKKLEEISKKFGA	EREKALNDALKLIEKDFGKGSIMRLG	ER	AEQKVQ	VMSGSLALDIALGSGGYPKGR	73	
NTDB id 228 SPD RS09265 WP 001085462.1	.MAK....KPKKLEEISKKFGA	EREKALNDALKLIEKDFGKGSIMRLG	ER	AEQKVQ	VMSGSLALDIALGSGGYPKGR	73	
NTDB id 194 SPR RS08825 WP 001085462.1	.MAK....KPKKLEEISKKFGA	EREKALNDALKLIEKDFGKGSIMRLG	ER	AEQKVQ	VMSGSLALDIALGSGGYPKGR	73	
NTDB id 159 SP RS09750 WP 001085462.1	.MAK....KPKKLEEISKKFGA	EREKALNDALKLIEKDFGKGSIMRLG	ER	AEQKVQ	VMSGSLALDIALGSGGYPKGR	73	
NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAK....KPKKLDEISKKFGA	EREKALNDALKLIEKDFGKGSIMRLG	ER	AEQKVQ	VMSGSLALDIALGSGGYPKGR	73	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAK....KPKKLDEISKKFGA	EREKALNDALKLIEKDFGKGSIMRLG	ER	AEQKVQ	VMSGSLALDIALGSGGYPKGR	73	
NTDB id 453 Spy49 1753c ACI62003.1	.MAK....KLKKNEEITKKFGD	ERRKALDDALKNIEKDFGKGAVMRLG	ER	AEQKVQ	VMSGSLALDIALGAGGYPKGR	73	
NTDB id 408 SMU RS09530 WP 002262392.1	.MAK....RIKKTEEITKKFGD	ERKALDDALKNIEKDFGKGAVMRLG	ER	AEQKVQ	VMSGSLALDIALGAGGYPKGR	73	
NTDB id 115 BSU 16940 NP 389576.2	.....MSDRQAALDMALKQ	IEKQFGKGSIMKLGEK	TDTR	ISTVPS	GSLALDTALGIGGYPGR	58	
NTDB id 625 LCA RS02525 WP 011374196.1	.....MAKDERQAALDAALKK	IEKNFGKGSIMRMGEK	VDTQ	VSTVSS	GSLALDEALGVGGYPRGR	60	
NTDB id 1313 DR RS12030 WP 010888966.1	.....MSKDATKEISAPTDAK	ERSKATETAMSQIEKAFGKGSIMKLGAE	SKLD	VQVVST	GSLSLDLALGVGGIPRGR	72	
NTDB id 1245 Cj1673c YP 002345041.1	.....MDDNKRKSLDAALKS	LDKTFGKGTILRLGDK	EVEQ	IDSIGT	GSVGLDLALGIGGVPKGR	59	
NTDB id 1214 NCTC11637 00359 SQJ03206.1	.....MAIDEDKQKATSLAIKQ	IDKVF GKGA LVRLGDK	QVEK	IDAIST	GSLGLDLALGIGGVPKGR	61	
NTDB id 1211 C694 RS00795 WP 000963128.1	.....MAIDEDKQKATSLAIKQ	IDKVF GKGA LVRLGDK	QVEK	IDAIST	GSLGLDLALGIGGVPKGR	61	
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKSSKNNT..VVKQVEPEQKKQALEA	ALAQIEKQFGKGSIMKLGQT	EQLD	IESVST	GSLGLDLALGIGGLPMGR	76	
NTDB id 1130 NGFG RS03960 WP 003688695.1	.....MSDDKSKALAAALAQ	IEKSF GKGA IMKMDGSQ	QREEN	LEVIST	GSLGLDLALGVGGLPRGR	60	
NTDB id 1124 NGFG RS03960 WP 003688695.1	.....MSDDKSKALAAALAQ	IEKSF GKGA IMKMDGSQ	QREEN	LEVIST	GSLGLDLALGVGGLPRGR	60	
NTDB id 1123 OK783 RS03845 WP 003688695.1	.....MSDDKSKALAAALAQ	IEKSF GKGA IMKMDGSQ	QREEN	LEVIST	GSLGLDLALGVGGLPRGR	60	
NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....KKAASMSAEKQKALAAALAQ	IEKQFGKGSIMKMGDA	EVEP	VQVVST	GSLGLDVALGVGGLPRGR	68	
NTDB id 1165 A1552VC RS01565 WP 000344154.1	.....MDENKQKALAAALGQ	IEKQFGKGSIMRLGDN	RAMD	VETIST	GSLSLDIALGAGGLPMGR	59	
NTDB id 1142 GTF74 RS11550 WP 000344154.1	.....MDENKQKALAAALGQ	IEKQFGKGSIMRLGDN	RAMD	VETIST	GSLSLDIALGAGGLPMGR	59	
NTDB id 1022 ACIAD RS06390 WP 004925639.1	.....MDDNKSALQAALSQ	IEKQFGKNTVMRLGDN	TVQA	VEAVST	GSLTLDIALGIGGLPKGR	59	
NTDB id 1074 ABD1 RS10195 WP 000344167.1	.....MDENKSALQAALSQ	IEKQFGKNTVMRLGDN	TVQA	VEAVST	GSLTLDIALGIGGLPKGR	59	
NTDB id 1205 PSJM300 05545 AFN77183.1	.....MDENKKRALAAALGQ	IEKQFGKGAVMRMDH	DRQA	IPSI	STGSLDIALGIGGLPKGR	59	
NTDB id 1102517 ACNOJ3 RS17645 WP 223584554.1	.....MSNTDKLKALQLTLDK	LEKNFGKGSIMKLGDTAVE	PIEA	ISTGSL	GLDIALGIGGVPKGR	60	
NTDB id 1334 RAOC RS04870 WP 004918236.1	.....MAK..TETTSPND	DKKALAAVLEKLDKTYGKGTVMKLGDTVDHN	IEV	IPSG	SGLGLDLALGVGGYPKGR	68	
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consensus
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non conserved  
 similar  
 ≥ 50% conserved