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NTDB id 600 KW2 RS01765 WP 011675413.1MATKKKTNFDDITKKYGA	ERDKALADALALIEKD	FGKGSIMRLGEA	.ANQKVS	VSSGSLALDI	ALGAGGYPKGR	74	
NTDB id 269 KZH43 RS08665 WP 001085462.1	.....MAKKPKKLEEISKKFGA	EREKALNDALKLI	FKGGSIMRLGER	.AEQKVQVMSS	GSLALDI	ALGSGGYPKGR	73
NTDB id 228 SPD RS09265 WP 001085462.1	.....MAKKPKKLEEISKKFGA	EREKALNDALKLI	FKGGSIMRLGER	.AEQKVQVMSS	GSLALDI	ALGSGGYPKGR	73
NTDB id 194 SPR RS08825 WP 001085462.1	.....MAKKPKKLEEISKKFGA	EREKALNDALKLI	FKGGSIMRLGER	.AEQKVQVMSS	GSLALDI	ALGSGGYPKGR	73
NTDB id 159 SP RS09750 WP 001085462.1	.....MAKKPKKLEEISKKFGA	EREKALNDALKLI	FKGGSIMRLGER	.AEQKVQVMSS	GSLALDI	ALGSGGYPKGR	73
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.....MAKKPKKLDEISKKFGA	EREKALNDALKLI	FKGGSIMRLGER	.AEQKVQVMSS	GSLALDI	ALGSGGYPKGR	73
NTDB id 499 SM12261 RS08315 WP 078228268.1	.....MAKKPKKLDEISKKFGA	EREKALNDALKLI	FKGGSIMRLGER	.AEQKVQVMSS	GSLALDI	ALGSGGYPKGR	73
NTDB id 453 Spy49 1753c ACI62003.1	.....MAKKLKKNEEITKKFGD	ERRKALDDALKN	IEKDFGKGAVMRLGER	.AEQKVQVMSS	GSLALDI	ALGAGGYPKGR	73
NTDB id 408 SMU RS09530 WP 002262392.1	.....MAKRIKKTEEITKKFGD	ERRKALDDALKN	IEKDFGKGAVMRLGER	.AEQKVQVMSS	GSLALDI	ALGAGGYPKGR	73
NTDB id 115 BSU 16940 NP 389576.2	.....MSDRQAALDMALKQ	IEKQFGKGSIMKLG	EK.TDTRISTVPS	GSLALDI	TALGIGGYPRGR	58	
NTDB id 625 LCA RS02525 WP 011374196.1	.....MAKDERQAALDAAL	KKIEKNFGKGSIMRM	GK.VDTQVSTVSS	GSLALDEAL	GVGGYPRGR	60	
NTDB id 1313 DR RS12030 WP 010888966.1	.....MSKDAT.KEISAP	TDAKERSKATETAM	SQIEKAFGKGSIM	KLGAESKLDVQ	VSTGSLSLDL	ALGVGGIPRGR	72
NTDB id 1245 Cj1673c YP 002345041.1	.....MDDNKRKSLDA	ALKSLDKT	FGKGTILRLGDK	.EVEQIDSIG	TGSGVGLDL	ALGIGGVPKGR	59
NTDB id 1211 C694 RS00795 WP 000963128.1	.....M.AIDEDKQKAI	SLAIKQIDKVF	GKALVRLGDK	.QVEKIDSI	STGSLGLDL	ALGIGGVPKGR	61
NTDB id 1214 NCTC11637 00359 SQJ03206.1	.....M..AIDEDKQKAI	SLAIKQIDKVF	GKALVRLGDK	.QVEKIDSI	STGSLGLDL	ALGIGGVPKGR	61
NTDB id 1334 RAOC RS04870 WP 004918236.1MA...K.TETT..	SPNDKKKALA	AVLEKLDKT	YGKGTVMKLG	DGTVDHNI	EVIPSGSLGLDL	ALGVGGYPKGR	68
NTDB id 81869 MesoLj RS24875 WP 013895892.1MAQNSL.RLVE..	DKAVDKSKALDA	ALSQIERAFGKGS	IMRLGANEQV	VEIETVPTG	SLGLDI	ALGVGGLPRGR	71
NTDB id 1389 A4U84 RS07560 WP 021112712.1	MAENKKSSKNNT.VVKQ..	VEPEQKKQALEA	ALAQIEKQFGKGS	IMKLGQT.EQLDI	ESVSTGSLGLDL	ALGIGGLPMGR	76	
NTDB id 1130 NGFG RS03960 WP 003688695.1	.....MSDDKSKALAA	ALAQIEKSFGKGA	IMKMDGSQ	QEEENLEVI	STGSLGLDL	ALGVGGLPRGR	60
NTDB id 1124 NGFG RS03960 WP 003688695.1	.....MSDDKSKALAA	ALAQIEKSFGKGA	IMKMDGSQ	QEEENLEVI	STGSLGLDL	ALGVGGLPRGR	60
NTDB id 1123 OK783 RS03845 WP 003688695.1	.....MSDDKSKALAA	ALAQIEKSFGKGA	IMKMDGSQ	QEEENLEVI	STGSLGLDL	ALGVGGLPRGR	60
NTDB id 1427 RS RS02760 WP 011000510.1	MEDG.....KKA..	SMSAEKQKALAA	ALAQIEKQFGKGS	IMKMGDA.EVEPV	QVVSTGSLGLD	VALGVGGLPRGR	68	
NTDB id 1165 A1552VC RS01565 WP 000344154.1	.....MDENKQKALAA	ALGQIEKQFGKGS	IMRLGDN.RAMD	VETISTGSLSLDI	ALGAGGLPMGR	59	
NTDB id 1142 GTF74 RS11550 WP 000344154.1	.....MDENKQKALAA	ALGQIEKQFGKGS	IMRLGDN.RAMD	VETISTGSLSLDI	ALGAGGLPMGR	59	
NTDB id 1022 ACIAD RS06390 WP 004925639.1	.....MDDNKS	KALQAALSQIEKQ	FGKNTVMRLGDN	.TVQAVEAV	STGSLTLDI	ALGIGGLPKGR	59
NTDB id 1074 ABD1 RS10195 WP 000344167.1	.....MDENKS	KALQAALSQIEKQ	FGKNTVMRLGDN	.TVQAVEAV	STGSLTLDI	ALGIGGLPKGR	59
NTDB id 1205 PSJM300 05545 AFN77183.1MDENKK	RALAAALGQIEKQ	FGKGAVMRMGDH	.DRQAIPS	ISTGSLGLDI	ALGIGGLPKGR	59	
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NTDB id 1022 ACIAD RS06390 WP 004925639.1	...	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	...	349
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consensus

 non conserved
 similar
 ≥ 50% conserved