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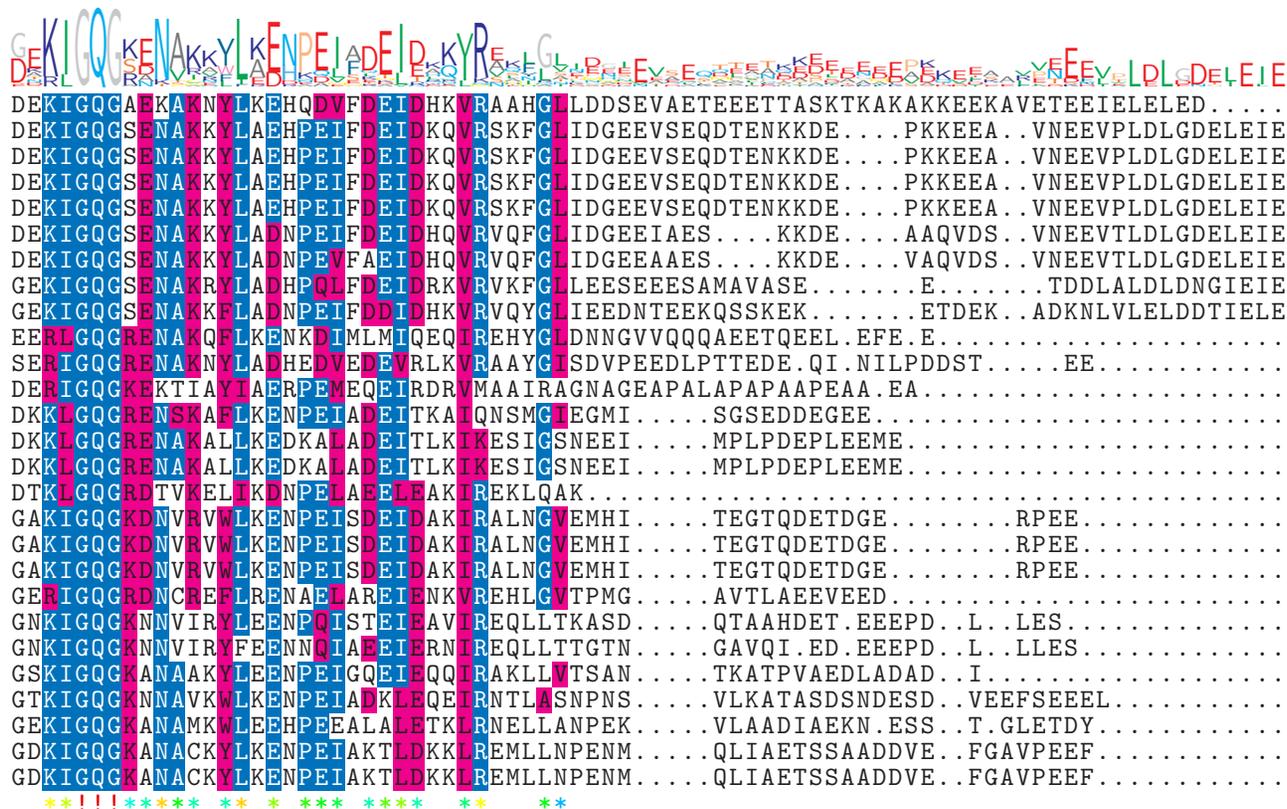


NTDB id 600 KW2 RS01765 WP 011675413.1	MATKKK....TNFDDITKKYGAERDKALADALALIEKD	FGKGSIMRLGER.A	ANQKVS	VSSGSLALDI	ALGAGGYPKGR	74
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAKKP....KKLEEISKKFGE	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73
NTDB id 228 SPD RS09265 WP 001085462.1	.MAKKP....KKLEEISKKFGE	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73
NTDB id 194 SPR RS08825 WP 001085462.1	.MAKKP....KKLEEISKKFGE	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73
NTDB id 159 SP RS09750 WP 001085462.1	.MAKKP....KKLEEISKKFGE	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73
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NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAKKP....KKLDEISKKFGE	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73
NTDB id 453 Spy49 1753c ACI62003.1	.MAKKL....KKNEEITKKFGE	DERRKALDDALKNIEKD	FGKGAVMRLGER	.AEQKVQVMSSGSLALDI	ALGAGGYPKGR	73
NTDB id 408 SMU RS09530 WP 002262392.1	.MAKRI....KKTEEITKKFGE	DERRKALDDALKNIEKD	FGKGAVMRLGER	.AEQKVQVMSSGSLALDI	ALGAGGYPKGR	73
NTDB id 115 BSU 16940 NP 389576.2	.....MSDRQAALDMALKQIEKQ	FGKGSIMKLGK	TDTRI	ISTVPSGSLALDI	TALGIGGYPKGR	58
NTDB id 625 LCA RS02525 WP 011374196.1	.....MAKDERQAALDAALKKIEKN	FGKGSIMRMGEK	VDTQV	STVSSGSLALDEAL	GVGGYPKGR	60
NTDB id 1313 DR RS12030 WP 010888966.1	.....MSKDATKEISAPTDAKERSKAT	ETAMSKIEKAFGKGSIMKLGAE	SKLDV	QVVSTGSLSLDL	ALGVGGIPKGR	72
NTDB id 1245 Cj1673c YP 002345041.1	.....MDNKRKSLDAALKS	LDKTFGKGTILRLGDK	EVEQI	IDSIGTGSVGLDL	ALGIGGVPKGR	59
NTDB id 1214 NCTC11637 00359 SQJ03206.1MAIDEDKQKATISLAIKQID	KVFGKGA	LVRGDK	.QVEKIDAISTGSLGLDL	ALGIGGVPKGR	61
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NTDB id 1130 NGFG RS03960 WP 003688695.1MSDDKSKALAAALAQIEKS	FGKGAIMKMDGSQ	QENLEVISTGSLGLDL	ALGVGGLPKGR	60	
NTDB id 1124 NGFG RS03960 WP 003688695.1	.....MSDDKSKALAAALAQIEKS	FGKGAIMKMDGSQ	QENLEVISTGSLGLDL	ALGVGGLPKGR	60	
NTDB id 1123 OK783 RS03845 WP 003688695.1	.....MSDDKSKALAAALAQIEKS	FGKGAIMKMDGSQ	QENLEVISTGSLGLDL	ALGVGGLPKGR	60	
NTDB id 1427 RS RS02760 WP 011000510.1	.....MEDGK..KAASMSAEKQK	ALAAALAQIEKQFGKGSIMKMGDA	.EVEPV	QVVSTGSLGLDV	ALGVGGLPKGR	68
NTDB id 1022 ACIAD RS06390 WP 004925639.1	.....MDNKS	KALQAALSQIEKQFGKNTVMRLGDN	.TVQAVEAVSTGSLTLDI	ALGIGGLPKGR	59	
NTDB id 1074 ABD1 RS10195 WP 000344167.1	.....MDENKS	KALQAALSQIEKQFGKNTVMRLGDN	.TVQAVEAVSTGSLTLDI	ALGIGGLPKGR	59	
NTDB id 1205 PSJM300 05545 AFN77183.1	.....MDENKKR	ALAAALGQIEKQFGKGAVMRMGDH	.DRQAT	PSISTGSLGLDI	ALGIGGLPKGR	59
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKS	SKNNTV.VKQVEPEQKKQ	ALEAALAQIEKQFGKGSIMKLGQT	.EQLDIESVSTGSLGLDL	ALGIGGLPKGR	76
NTDB id 350258 EOL18 RS08170 WP 139617524.1	.....MATKEKN	KALAAALGQIEKQFGKGSIMKLGDT	.QALDVEAVSTGSLSLDV	ALGIGGLPKGR	61	
NTDB id 1165 A1552VC RS01565 WP 000344154.1	.....MDENKQ	KALAAALGQIEKQFGKGSIMRLGDN	.RAMDVETISTGSLSLDI	ALGAGGLPKGR	59	
NTDB id 1142 GTF74 RS11550 WP 000344154.1MDENKQ	KALAAALGQIEKQFGKGSIMRLGDN	.RAMDVETISTGSLSLDI	ALGAGGLPKGR	59	
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NTDB id 600 KW2 RS01765 WP 011675413.1
 NTDB id 269 KZH43 RS08665 WP 001085462.1
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 NTDB id 194 SPR RS08825 WP 001085462.1
 NTDB id 159 SP RS09750 WP 001085462.1
 NTDB id 499 SM12261 RS08315 WP 078228268.1
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 NTDB id 1389 A4U84 RS07560 WP 021112712.1
 NTDB id 350258 EOL18 RS08170 WP 139617524.1
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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
NTDB id 499 SM12261 RS08315 WP 078228268.1	IEE	384
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consensus

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 ≥ 50% conserved