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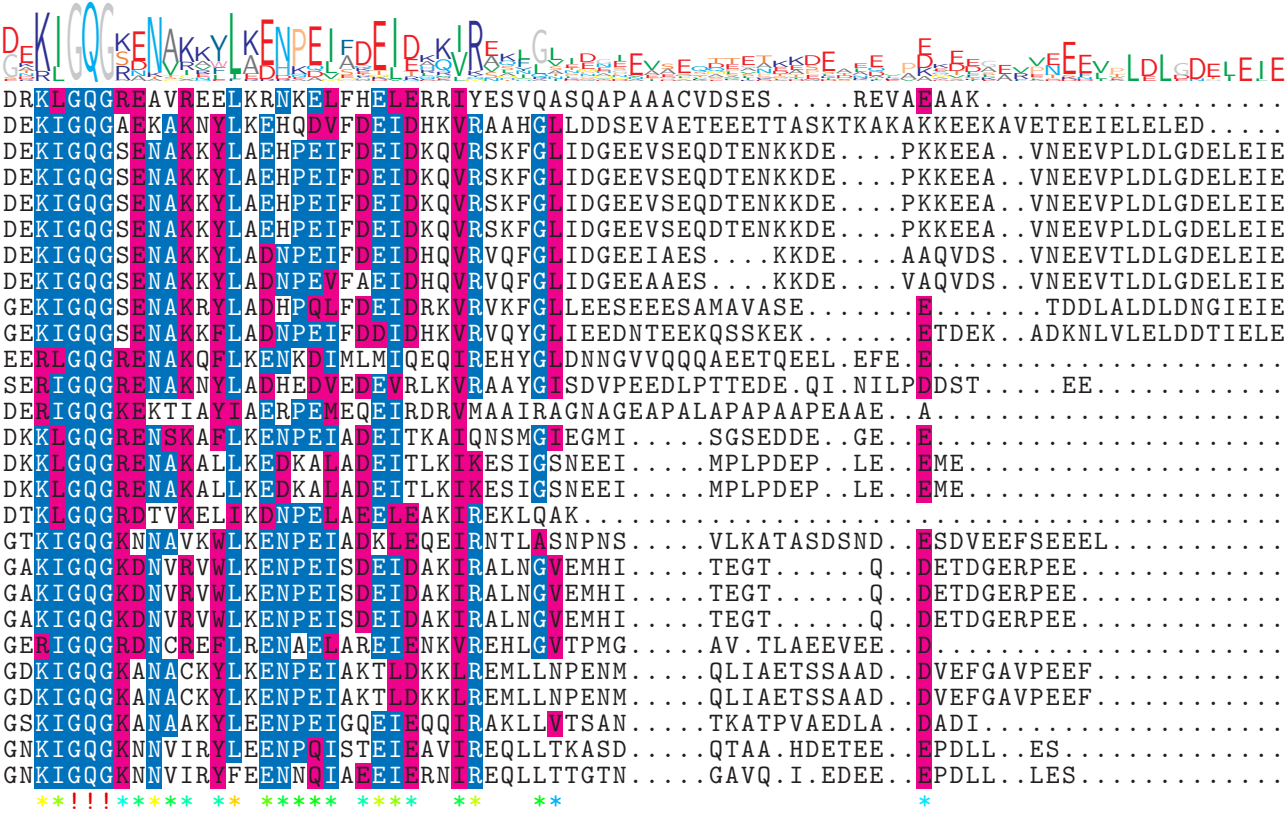
NTDB id 57750 L2B8200 RS03475 WP 009872817.1	MSVP	DRKRALEAA	AY	IEKQ	FGAGS	IMSLCKHSSAHE	STIKT	GALS	SLD	I	ALGI	GGV	PKGR	61		
NTDB id 600 KW2 RS01765 WP 011675413.1	MATKK....	KTNFDDITKKYGA	ERDKALADALAL	IEKD	FGKCS	IMRLCER	.AEQKV	QVMSS	GSLALD	I	ALGAGGY	PKGR	74			
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAKK....	PKKLEEISKKFGA	EREKALNDALKL	IEKD	FGKCS	IMRLCER	.AEQKV	QVMSS	GSLALD	I	ALCSGGY	PKGR	73			
NTDB id 228 SPD RS09265 WP 001085462.1	.MAKK....	PKKLEEISKKFGA	EREKALNDALKL	IEKD	FGKCS	IMRLCER	.AEQKV	QVMSS	GSLALD	I	ALCSGGY	PKGR	73			
NTDB id 194 SPR RS08825 WP 001085462.1	.MAKK....	PKKLEEISKKFGA	EREKALNDALKL	IEKD	FGKCS	IMRLCER	.AEQKV	QVMSS	GSLALD	I	ALCSGGY	PKGR	73			
NTDB id 159 SP RS09750 WP 001085462.1	.MAKK....	PKKLEEISKKFGA	EREKALNDALKL	IEKD	FGKCS	IMRLCER	.AEQKV	QVMSS	GSLALD	I	ALCSGGY	PKGR	73			
NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAKK....	PKKLEEISKKFGA	EREKALNDALKL	IEKD	FGKCS	IMRLCER	.AEQKV	QVMSS	GSLALD	I	ALCSGGY	PKGR	73			
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAKK....	PKKLEEISKKFGA	EREKALNDALKL	IEKD	FGKCS	IMRLCER	.AEQKV	QVMSS	GSLALD	I	ALCSGGY	PKGR	73			
NTDB id 453 Spy49 1753c ACI62003.1	.MAKK....	LKKNEEITKKFGD	ERRKALDDALKN	IEKD	FGKCA	VMRLCER	.AEQKV	QVMSS	GSLALD	I	ALGAGGY	PKGR	73			
NTDB id 408 SMU RS09530 WP 002262392.1	.MAKR....	IKKTEEITKKFGD	ERRKALDDALKN	IEKD	FGKCA	VMRLCER	.AEQKV	QVMSS	GSLALD	I	ALGAGGY	PKGR	73			
NTDB id 115 BSU 16940 NP 389576.2		MSDRQAALDMALKQ	IEKQ	FGKCS	IMKLG	HEK	.TDTRI	STVPS	GSLALD	I	ALGI	GGY	PRGR	58		
NTDB id 625 LCA RS02525 WP 011374196.1		MAKDERQAALDAALKK	IEKN	FGKCS	IMRM	CEK	.VDTQV	STVSS	GSLALD	E	ALCVGGY	PRGR	60			
NTDB id 1313 DR RS12030 WP 010888966.1		MSKDATKEISAPTD	AKERSKATET	MSQ	IEKA	FGKCS	IMKLG	AE	.SKLDV	QVV	STGSL	SLD	I	ALCVGGI	PRGR	72
NTDB id 1245 Cj1673c YP 002345041.1		MDDNKRKSLDAALKS	LDKT	FGKCT	ILRLC	DK	.EVEQI	DSIGT	GSVGLD	I	ALGI	GGV	PKGR	59		
NTDB id 1211 C694 RS00795 WP 000963128.1		MAIDEDKQKATSLATKQ	IDKV	FGKCAL	VRLC	DK	.QVEKI	DSIST	GSLGLD	I	ALGI	GGV	PKGR	61		
NTDB id 1214 NCTC11637 00359 SQJ03206.1		MAIDEDKQKATSLATKQ	IDKV	FGKCAL	VRLC	DK	.QVEKI	DAIST	GSLGLD	I	ALGI	GGV	PKGR	61		
NTDB id 1334 RA0C RS04870 WP 004918236.1		MAKT..ETTSPND	DKKKALAAVLEK	LDKTY	GKCTVM	KLC	GTVDHN	LEVIPS	GSLGLD	I	ALCVGGY	PKGR	68			
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKSSKNNTV..	VKQVEPEQKKQALEAAL	AEQKQ	FGKCS	IMKLG	QTT	.EQLDI	ESVST	GSLGLD	I	ALGI	GGL	PLMGR	76		
NTDB id 1130 NGFG RS03960 WP 003688695.1		MSDDKSKALAAAL	AEQKS	FGKCA	AIMKMD	GSQ	QEEEN	LEVI	STGSL	GLD	I	ALCVGGI	PLRGR	60		
NTDB id 1124 NGFG RS03960 WP 003688695.1		MSDDKSKALAAAL	AEQKS	FGKCA	AIMKMD	GSQ	QEEEN	LEVI	STGSL	GLD	I	ALCVGGI	PLRGR	60		
NTDB id 1123 OK783 RS03845 WP 003688695.1		MSDDKSKALAAAL	AEQKS	FGKCA	AIMKMD	GSQ	QEEEN	LEVI	STGSL	GLD	I	ALCVGGI	PLRGR	60		
NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....	K..KAASMSAEKQKALAAAL	AEQKQ	FGKCS	IMKMD	AE	.EVEPV	QVVST	GSLGLD	I	ALCVGGI	PLRGR	68			
NTDB id 1165 A1552VC RS01565 WP 000344154.1		MDENKQKALAAAL	GQIEKQ	FGKCS	IMRLC	DN	.RAMDV	ETIST	GSLSLD	I	ALGAGGI	PLMGR	59			
NTDB id 1142 GTF74 RS11550 WP 000344154.1		MDENKQKALAAAL	GQIEKQ	FGKCS	IMRLC	DN	.RAMDV	ETIST	GSLSLD	I	ALGAGGI	PLMGR	59			
NTDB id 1205 PSJM300 05545 AFN77183.1		MDENKRALAAAL	GQIEKQ	FGKCA	VMR	MDH	.DRQAIP	SIST	GSLGLD	I	ALGI	GGL	PKGR	59		
NTDB id 1022 ACIAD RS06390 WP 004925639.1		MDDNKSALQAAL	SQIEKQ	FGKNTV	MRLC	DN	.TVQAVEA	VST	GSLTLD	I	ALGI	GGL	PKGR	59		
NTDB id 1074 ABD1 RS10195 WP 000344167.1		MDENKSALQAAL	SQIEKQ	FGKNTV	MRLC	DN	.TVQAVEA	VST	GSLTLD	I	ALGI	GGL	PKGR	59		
consensus																

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NTDB id 57750 L2B8200 RS03475 WP 009872817.1
NTDB id 600 KW2 RS01765 WP 011675413.1
NTDB id 269 KZH43 RS08665 WP 001085462.1
NTDB id 228 SPD RS09265 WP 001085462.1
NTDB id 194 SPR RS08825 WP 001085462.1
NTDB id 159 SP RS09750 WP 001085462.1
NTDB id 499 SM12261 RS08315 WP 078228268.1
NTDB id 527 SMSK321 RS11065 WP 001085454.1
NTDB id 453 Spy49 1753c ACI62003.1
NTDB id 408 SMU RS09530 WP 002262392.1
NTDB id 115 BSU 16940 NP 389576.2
NTDB id 625 LCA RS02525 WP 011374196.1
NTDB id 1313 DR RS12030 WP 010888966.1
NTDB id 1245 Cj1673c YP 002345041.1
NTDB id 1211 C694 RS00795 WP 000963128.1
NTDB id 1214 NCTC11637 00359 SQJ03206.1
NTDB id 1334 RA0C RS04870 WP 004918236.1
NTDB id 1389 A4U84 RS07560 WP 021112712.1
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NTDB id 1427 RS RS02760 WP 011000510.1
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NTDB id 1142 GTF74 RS11550 WP 000344154.1
NTDB id 1205 PSJM300 05545 AFN77183.1
NTDB id 1022 ACIAD RS06390 WP 004925639.1
NTDB id 1074 ABD1 RS10195 WP 000344167.1
consensus



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NTDB id 57750 L2B8200 RS03475 WP 009872817.1	... 352
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
NTDB id 527 SMSK321 RS11065 WP 001085454.1	IEE 384
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NTDB id 408 SMU RS09530 WP 002262392.1	D.. 383
NTDB id 115 BSU 16940 NP 389576.2	... 348
NTDB id 625 LCA RS02525 WP 011374196.1	... 355
NTDB id 1313 DR RS12030 WP 010888966.1	... 363
NTDB id 1245 Cj1673c YP 002345041.1	... 343
NTDB id 1211 C694 RS00795 WP 000963128.1	... 347
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NTDB id 1022 ACIAD RS06390 WP 004925639.1	... 349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	... 349
consensus	

-  non conserved
-  similar
-  ≥ 50% conserved