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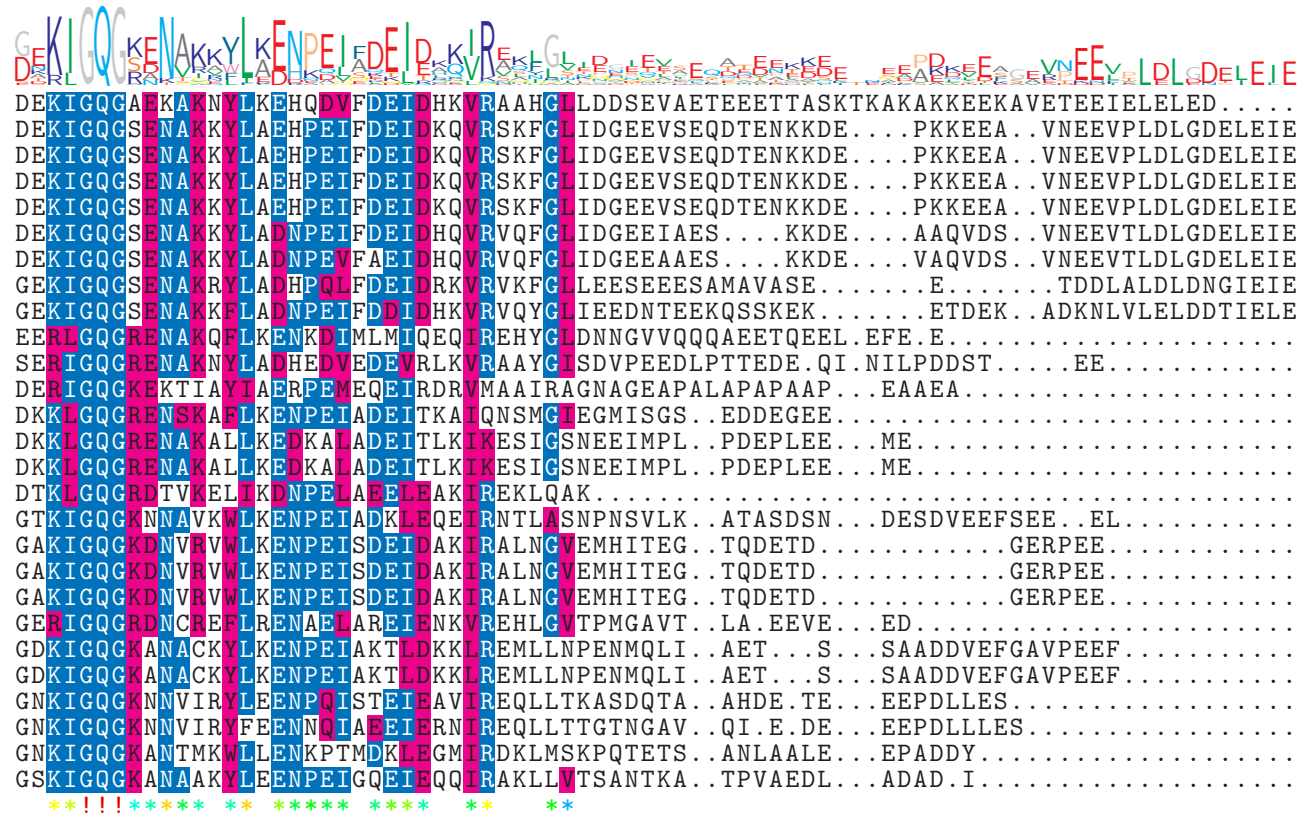


NTDB id 600 KW2 RS01765 WP 011675413.1	MATKK....KTNFDDITKKYGA	ERDKALADALALIEKD	FGKGSIMRLGE	.AANQKVS	VSSGSLALDI	ALGAGGYPKGR	74			
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAKK....PKKLEEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGE	.RAEQKVQVMSS	GSLALDI	ALGSGGYPKGR	73			
NTDB id 228 SPD RS09265 WP 001085462.1	.MAKK....PKKLEEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGE	.RAEQKVQVMSS	GSLALDI	ALGSGGYPKGR	73			
NTDB id 194 SPR RS08825 WP 001085462.1	.MAKK....PKKLEEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGE	.RAEQKVQVMSS	GSLALDI	ALGSGGYPKGR	73			
NTDB id 159 SP RS09750 WP 001085462.1	.MAKK....PKKLEEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGE	.RAEQKVQVMSS	GSLALDI	ALGSGGYPKGR	73			
NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAKK....PKKLEEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGE	.RAEQKVQVMSS	GSLALDI	ALGSGGYPKGR	73			
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAKK....PKKLEEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGE	.RAEQKVQVMSS	GSLALDI	ALGSGGYPKGR	73			
NTDB id 453 Spy49 1753c ACI62003.1	.MAKK....LKKNEEITKKFGD	ERRKALDDALKN	IEKDFGKGAVMRLGE	.RAEQKVQVMSS	GSLALDI	ALGAGGYPKGR	73			
NTDB id 408 SMU RS09530 WP 002262392.1	.MAKR....IKKTEEITKKFGD	ERRKALDDALKN	IEKDFGKGAVMRLGE	.RAEQKVQVMSS	GSLALDI	ALGAGGYPKGR	73			
NTDB id 115 BSU 16940 NP 389576.2	.....MS	DRQAALDMALKQ	IEKQFGKGSIMKLG	.KTDTRISTVPS	GSLALDI	TALGIGGYPRGR	58		
NTDB id 625 LCA RS02525 WP 011374196.1	.....MAKD	ERQAALDAALKK	IEKNFGKGSIMRMGE	.KVDTQVSTVSS	GSLALDE	ALGVGGYPRGR	60		
NTDB id 1313 DR RS12030 WP 010888966.1	.....MSKDATKEISAPTD	AKERSKATETAM	SQIEKAFGKGSIMKLG	.ESKLDVQVVST	GSLSLDL	ALGVGGIPRGR	72		
NTDB id 1245 Cj1673c YP 002345041.1	.....MDDN	KRKSALDAALKS	LDKTFGKGTILRLGD	.KEVEQIDSIG	TGSGVGLD	ALGIGGVPKGR	59		
NTDB id 1214 NCTC11637 00359 SQJ03206.1	.....MAIDE	DKQKATISLAIK	QIDKVFGKGALVRLGD	.KQVEKIDAI	STGSLGLD	ALGIGGVPKGR	61		
NTDB id 1211 C694 RS00795 WP 000963128.1	.....MAIDE	DKQKATISLAIK	QIDKVFGKGALVRLGD	.KQVEKIDAI	STGSLGLD	ALGIGGVPKGR	61		
NTDB id 1334 RAOC RS04870 WP 004918236.1	.....MAKT..ETTSPND	DKKALAAVLEK	LDKTYGKGTVMKLG	GTVDHNI	IEVIPS	GSLGLDLALGVGGYPKGR	68		
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKS	SKNNTV.VKQVEPE	QKKQALEAALAQ	IEKQFGKGSIMKLG	Q.TEQLDIES	VSTGSLGLDLALGIGGLPMGR	76			
NTDB id 1130 NGFG RS03960 WP 003688695.1	.....MSD	DKSKALAAALAQ	IEKSFGKGAIMKMDGS	QEQENLE	VISTGSLGLD	ALGVGGLPRGR	60		
NTDB id 1124 NGFG RS03960 WP 003688695.1	.....MSD	DKSKALAAALAQ	IEKSFGKGAIMKMDGS	QEQENLE	VISTGSLGLD	ALGVGGLPRGR	60		
NTDB id 1123 OK783 RS03845 WP 003688695.1	.....MSD	DKSKALAAALAQ	IEKSFGKGAIMKMDGS	QEQENLE	VISTGSLGLD	ALGVGGLPRGR	60		
NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....K..KAASMSA	EKQKALAAALAQ	IEKQFGKGSIMKMGD	.AEVEPVQV	VSTGSLGLD	VALGVGGLPRGR	68			
NTDB id 1165 A1552VC RS01565 WP 000344154.1	.....MDEN	KQKALAAALGQ	IEKQFGKGSIMRLGD	.NRAMDVET	ISTGSLSLDI	ALGAGGLPMGR	59		
NTDB id 1142 GTF74 RS11550 WP 000344154.1	.....MDEN	KQKALAAALGQ	IEKQFGKGSIMRLGD	.NRAMDVET	ISTGSLSLDI	ALGAGGLPMGR	59		
NTDB id 1022 ACIAD RS06390 WP 004925639.1	.....MDDN	KSKALQAALSQ	IEKQFGKNTVMRLGD	.NTVQAVEAV	STGSLTLDI	ALGIGGLPKGR	59		
NTDB id 1074 ABD1 RS10195 WP 000344167.1	.....MDEN	KSKALQAALSQ	IEKQFGKNTVMRLGD	.NTVQAVEAV	STGSLTLDI	ALGIGGLPKGR	59		
NTDB id 412574 GR140 RS21655 WP 034048552.1	.....MDQA	KNKALEMALSQ	IEKQFGKGAIMRLGS	.DRTMDIDV	VSTGSLGLDI	ALGVGGLPRGR	59		
NTDB id 1205 PSJM300 05545 AFN77183.1MDEN	KKRALAAALGQ	IEKQFGKGAVMRMGD	.HDRQAIPS	ISTGSLGLDI	ALGIGGLPKGR	59			
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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
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 NTDB id 408 SMU RS09530 WP 002262392.1
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 NTDB id 625 LCA RS02525 WP 011374196.1
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 NTDB id 1142 GTF74 RS11550 WP 000344154.1
 NTDB id 1022 ACIAD RS06390 WP 004925639.1
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NTDB id 600 KW2 RS01765 WP 011675413.1	...	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	IEE	388
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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

 non conserved
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