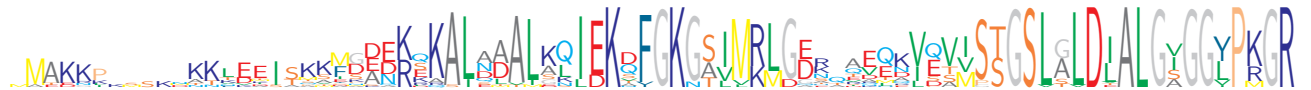


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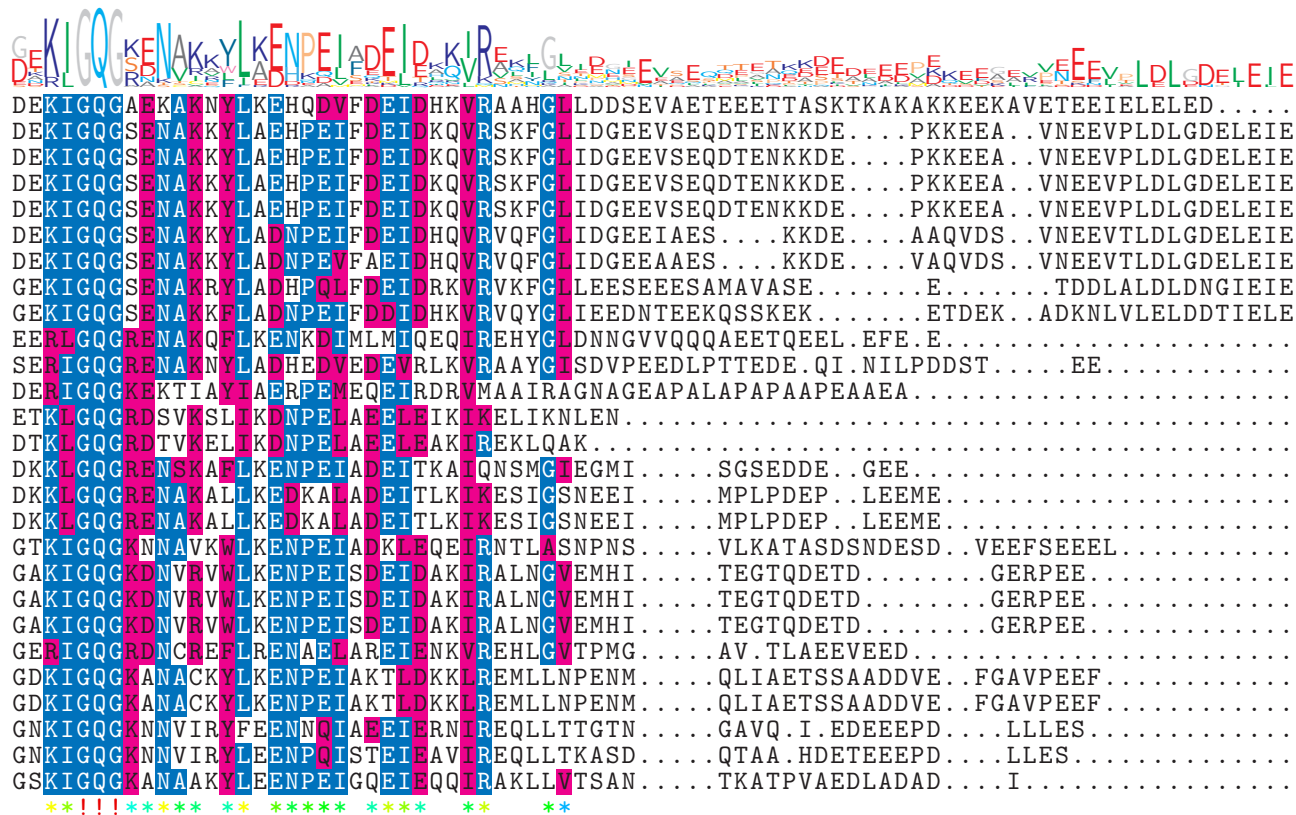


NTDB id 600 KW2 RS01765 WP 011675413.1	MATKKK.....TNFDDITKKYGA	ERDKALADALALIEKD	FGKGSIMRLGEA	.ANQKVS	VSSGSLALDI	ALGAGGYPKGR	74
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAKKP.....KKLEEISKKFGA	EREKALNDALKLEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73	
NTDB id 228 SPD RS09265 WP 001085462.1	.MAKKP.....KKLEEISKKFGA	EREKALNDALKLEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73	
NTDB id 194 SPR RS08825 WP 001085462.1	.MAKKP.....KKLEEISKKFGA	EREKALNDALKLEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73	
NTDB id 159 SP RS09750 WP 001085462.1	.MAKKP.....KKLEEISKKFGA	EREKALNDALKLEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73	
NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAKKP.....KKLDEISKKFGA	EREKALNDALKLEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAKKP.....KKLDEISKKFGA	EREKALNDALKLEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73	
NTDB id 453 Spy49 1753c ACI62003.1	.MAKKL.....KKNEEITKKFGR	DERKALDDALKNIEKD	FGKGAVMRLGER	.AEQKVQVMSSGSLALDI	ALGAGGYPKGR	73	
NTDB id 408 SMU RS09530 WP 002262392.1	.MAKRI.....KKTEEITKKFGR	DERKALDDALKNIEKD	FGKGAVMRLGER	.AEQKVQVMSSGSLALDI	ALGAGGYPKGR	73	
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NTDB id 625 LCA RS02525 WP 011374196.1MAKDERQAALDAALKK	IEKNFGKGSIMRM	GK.VDTQVSTVSSGSLALDE	ALGVGGYPRGR	60		
NTDB id 1313 DR RS12030 WP 010888966.1	.....MSKDATKEISAPTD	AKERSKATETAM	SQIEKAFGKGSIMKLGAE	.SKLDVQVVSTGSLSLDL	ALGVGGIPRGR	72
NTDB id 29693 FCOL RS10435 WP 014166107.1M..SSEK	EAKLKALQLTLDK	LDKAYGKGTVMKMGDKAIE	.EVEV	ISSGSLGVDL	ALGVGGYPKGR	62
NTDB id 1334 RAOC RS04870 WP 004918236.1MAKTET..TSPN	DDKKKALAAVLEK	LDKTYGKGTVMKLG	GDGTVDHNI	EVIPSGSLGLDL	ALGVGGYPKGR	68
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NTDB id 1214 NCTC11637 00359 SQJ03206.1MAID	EDKQKALISLAIKQ	IDKVF	FGKALVRLGDK	.QVEKIDAISTGSLGLDL	ALGIGGVPKGR	61
NTDB id 1211 C694 RS00795 WP 000963128.1MAID	EDKQKALISLAIKQ	IDKVF	FGKALVRLGDK	.QVEKIDSISTGSLGLDL	ALGIGGVPKGR	61
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKS	SKNNTVVK..QVEP	EKKKQALEAALAQ	IEKQFGKGSIMKLGQT	.EQLDIESVSTGSLGLDL	ALGIGGLPMGR	76
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NTDB id 1124 NGFG RS03960 WP 003688695.1MS	DDKSKALAAALAQ	IEKSF	GKGAIMKMDGSQ	QEEENLEVISTGSLGLDL	ALGVGGLPRGR	60
NTDB id 1123 OK783 RS03845 WP 003688695.1MS	DDKSKALAAALAQ	IEKSF	GKGAIMKMDGSQ	QEEENLEVISTGSLGLDL	ALGVGGLPRGR	60
NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....KKA..ASMSA	EKKKALAAALAQ	IEKQFGKGSIMKMGDA	.EVEPVQVVSTGSLGLD	VALGVGGLPRGR	68	
NTDB id 1165 A1552VC RS01565 WP 000344154.1MD	ENKQKALAAALGQ	IEKQFGKGSIMRLGDN	.RAMDVET	ISTGSLSLDI	ALGAGGLPMGR	59
NTDB id 1142 GTF74 RS11550 WP 000344154.1MD	ENKQKALAAALGQ	IEKQFGKGSIMRLGDN	.RAMDVET	ISTGSLSLDI	ALGAGGLPMGR	59
NTDB id 1074 ABD1 RS10195 WP 000344167.1	.....MD	ENKSKALQAALSQ	IEKQFGKNTVMRLGDN	.TVQAVEAVSTGSLTLDI	ALGIGGLPKGR	59
NTDB id 1022 ACIAD RS06390 WP 004925639.1	.....MD	DNKSKALQAALSQ	IEKQFGKNTVMRLGDN	.TVQAVEAVSTGSLTLDI	ALGIGGLPKGR	59
NTDB id 1205 PSJM300 05545 AFN77183.1MD	ENKRRALAAALGQ	IEKQFGKGAVMRMGDH	.DRQAIPS	ISTGSLGLDI	ALGIGGLPKGR	59
consensus		*** **	**	**!	*****	*	*****!!!!!!

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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
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 NTDB id 408 SMU RS09530 WP 002262392.1
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 NTDB id 1313 DR RS12030 WP 010888966.1
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logo

NTDB id 600 KW2 RS01765 WP 011675413.1	...	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	IEE	388
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consensus

 non conserved
 similar
 ≥ 50% conserved