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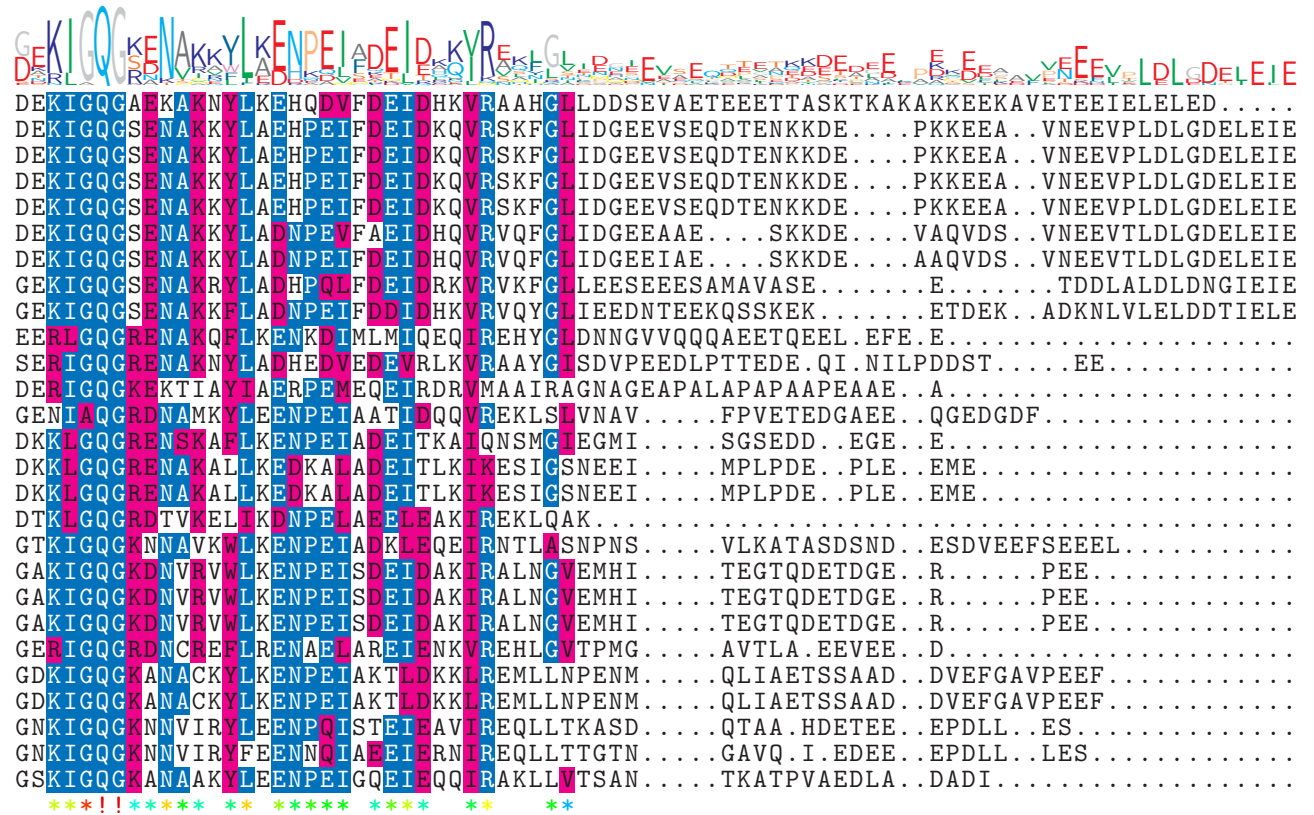


NTDB id 600 KW2 RS01765 WP 011675413.1	MATK....KKTNFDDITKKYGA	ERDKALADALALIEKD	FGKGSIMRLGEA	.ANQKVS	VSSGSLALDI	ALGAGGYPKGR	74					
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAK....KPKKLEEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73						
NTDB id 228 SPD RS09265 WP 001085462.1	.MAK....KPKKLEEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73						
NTDB id 194 SPR RS08825 WP 001085462.1	.MAK....KPKKLEEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73						
NTDB id 159 SP RS09750 WP 001085462.1	.MAK....KPKKLEEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73						
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAK....KPKKLDEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR	73						
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NTDB id 453 Spy49 1753c ACI62003.1	.MAK....KLKKNEEITKKFGD	ERRKALDDALKN	IEKDFGKGAVMRLGER	.AEQKVQVMSSGSLALDI	ALGAGGYPKGR	73						
NTDB id 408 SMU RS09530 WP 002262392.1	.MAK....RIKKTEEITKKFGD	ERRKALDDALKN	IEKDFGKGAVMRLGER	.AEQKVQVMSSGSLALDI	ALGAGGYPKGR	73						
NTDB id 115 BSU 16940 NP 389576.2	.....MS	DRQAALDMALKQ	IEKQFGKGSIMKLG	EK.TDTRI	ISTVPSGSLALDI	TALGIGGYPRGR	58				
NTDB id 625 LCA RS02525 WP 011374196.1	.....MAKD	ERQAALDAALKK	IEKNFGKGSIMRM	GEEK.VDTQV	STVSSGSLALDE	ALGVGGYPRGR	60				
NTDB id 1313 DR RS12030 WP 010888966.1	.....MSKDATKEISAP	TDAKERSKAT	ETAMSI	EKAFGKGSIMKLG	AE.SKLDVQV	VSTGSLSLDLALGVGGIPRGR	72				
NTDB id 157849 AOY38 RS16405 WP 010874337.1	.....MASTNIS	DREKALNAAL	QIER	SFGKGAIMRLG	DA.TQMRVET	ISTGALTLDLALG.GGLPKGR	62				
NTDB id 1245 Cj1673c YP 002345041.1	.....MDDN	KRKSALDAALK	SLDKTFGKGT	ILRLGDK.EVEQ	IDSIGTGSVGLDL	ALGIGGVPKGR	59				
NTDB id 1211 C694 RS00795 WP 000963128.1	.....MAIDE	DKQKATISLA	IKQIDKVF	FGKGAIVRLGDK.QVEK	IDSISTGSLGLDL	ALGIGGVPKGR	61				
NTDB id 1214 NCTC11637 00359 SQJ03206.1	.....MAIDE	DKQKATISLA	IKQIDKVF	FGKGAIVRLGDK.QVEK	IDAISTGSLGLDL	ALGIGGVPKGR	61				
NTDB id 1334 RAOC RS04870 WP 004918236.1MAK..TETTSPND	DKKALA	AAVLEKLDKT	YGKGTVMKLG	DGTVDHNI	IEVIPS	GSLGLDLALGVGGYPKGR	68				
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKS	SKNNT.VVKQ	VEPEKQKQ	ALEAAL	QIEKQFGKGSIMKLG	QT.EQLDI	ESVSTGSLGLDLALGIGGLPMGR	76				
NTDB id 1130 NGFG RS03960 WP 003688695.1	.....MSD	DKSKALAAAL	AALQIEKS	FGKGAIMKMDGS	QREENLEV	ISTGSLGLDLALGVGGLPRGR	60				
NTDB id 1124 NGFG RS03960 WP 003688695.1	.....MSD	DKSKALAAAL	AALQIEKS	FGKGAIMKMDGS	QREENLEV	ISTGSLGLDLALGVGGLPRGR	60				
NTDB id 1123 OK783 RS03845 WP 003688695.1	.....MSD	DKSKALAAAL	AALQIEKS	FGKGAIMKMDGS	QREENLEV	ISTGSLGLDLALGVGGLPRGR	60				
NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....KKAASMSA	EKQKALAAAL	AALQIEKQ	FGKGSIMKMG	DA.EVEPVQV	VSTGSLGLDVALGVGGLPRGR	68					
NTDB id 1165 A1552VC RS01565 WP 000344154.1	.....MDEN	KQKALAAAL	QIEKQFGKGSIMRLG	DN.RAMD	VETISTGSLSLDI	ALGAGGLPMGR	59				
NTDB id 1142 GTF74 RS11550 WP 000344154.1	.....MDEN	KQKALAAAL	QIEKQFGKGSIMRLG	DN.RAMD	VETISTGSLSLDI	ALGAGGLPMGR	59				
NTDB id 1022 ACIAD RS06390 WP 004925639.1	.....MDDN	KSKALQAALS	QIEKQFGKNTVMRLG	DN.TVQAVE	AVSTGSLTLDI	ALGIGGLPKGR	59				
NTDB id 1074 ABD1 RS10195 WP 000344167.1	.....MDEN	KSKALQAALS	QIEKQFGKNTVMRLG	DN.TVQAVE	AVSTGSLTLDI	ALGIGGLPKGR	59				
NTDB id 1205 PSJM300 05545 AFN77183.1MDEN	KKRALAAAL	QIEKQFGKGAVMRMG	DH.DRQA	IPSISTGSLGLDI	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 527 SMSK321 RS11065 WP 001085454.1
 NTDB id 499 SM12261 RS08315 WP 078228268.1
 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
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 NTDB id 1389 A4U84 RS07560 WP 021112712.1
 NTDB id 1130 NGFG RS03960 WP 003688695.1
 NTDB id 1124 NGFG RS03960 WP 003688695.1
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 NTDB id 1165 A1552VC RS01565 WP 000344154.1
 NTDB id 1142 GTF74 RS11550 WP 000344154.1
 NTDB id 1022 ACIAD RS06390 WP 004925639.1
 NTDB id 1074 ABD1 RS10195 WP 000344167.1
 NTDB id 1205 PSJM300 05545 AFN77183.1

consensus



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logo

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 527 SMSK321 RS11065 WP 001085454.1	IEE	384
NTDB id 499 SM12261 RS08315 WP 078228268.1	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
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consensus

 non conserved
 similar
 ≥ 50% conserved