

logo

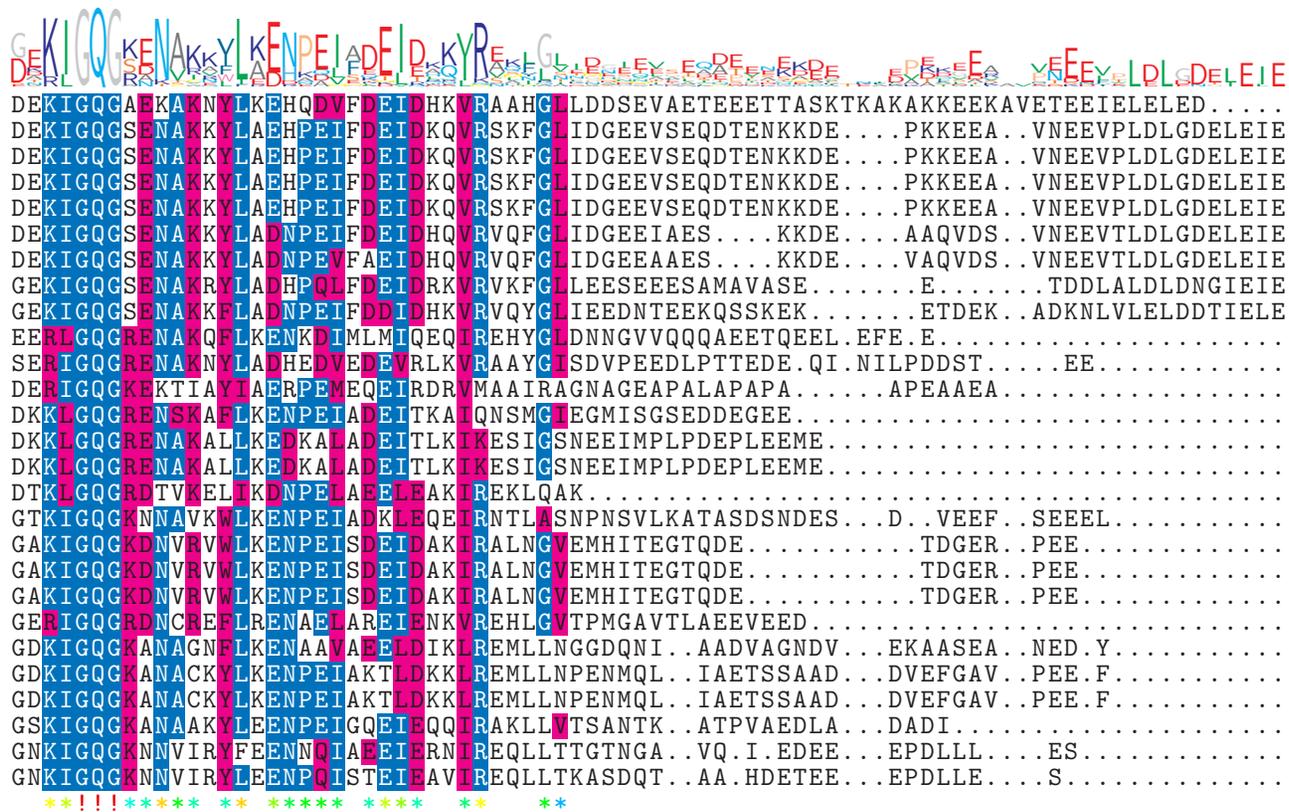


NTDB id 600 KW2 RS01765 WP 011675413.1	MATKKK....TNFDDITKKYGAERDKALADALALIEKD	FGKGSIMRLGEA	.ANQKVS	VSSGSLALDI	ALGAGGYPKGR	74			
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAKKP....KKLEEISKKFGEAREKALNDALKLI	FKGGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR		73			
NTDB id 228 SPD RS09265 WP 001085462.1	.MAKKP....KKLEEISKKFGEAREKALNDALKLI	FKGGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR		73			
NTDB id 194 SPR RS08825 WP 001085462.1	.MAKKP....KKLEEISKKFGEAREKALNDALKLI	FKGGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR		73			
NTDB id 159 SP RS09750 WP 001085462.1	.MAKKP....KKLEEISKKFGEAREKALNDALKLI	FKGGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR		73			
NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAKKP....KKLDEISKKFGEAREKALNDALKLI	FKGGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR		73			
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAKKP....KKLDEISKKFGEAREKALNDALKLI	FKGGSIMRLGER	.AEQKVQVMSSGSLALDI	ALGSGGYPKGR		73			
NTDB id 453 Spy49 1753c ACI62003.1	.MAKKL....KKNEEITKKFGERDKALDDALKN	IEKDFGKGAVMRLGER	.AEQKVQVMSSGSLALDI	ALGAGGYPKGR		73			
NTDB id 408 SMU RS09530 WP 002262392.1	.MAKRI....KKTEEITKKFGERDKALDDALKN	IEKDFGKGAVMRLGER	.AEQKVQVMSSGSLALDI	ALGAGGYPKGR		73			
NTDB id 115 BSU 16940 NP 389576.2	.....MSDRQAALDMALKQIEKQ	FGKGSIMKLG	IEK.TDTR	ISTVPSGSLALDI	TALGIGGYPRGR	58		
NTDB id 625 LCA RS02525 WP 011374196.1	.....MAKDERQAALDAALKKIEKN	FGKGSIMRMGEK	.VDTQVSTVSSGSLALDE	ALGVGGYPRGR		60		
NTDB id 1313 DR RS12030 WP 010888966.1	.....MSKDATKEISAPTDAKERSKAT	ETAMSI	IEKAFGKGSIMKLGAE	.SKLDVQVSTGSLSLDL	ALGVGGIPRGR	72		
NTDB id 1245 Cj1673c YP 002345041.1	.....MDNKRKSLDAALKS	LDKTFGKGTILRLGDK	.EVEQIDS	IGTGSVGLDL	ALGIGGVPKGR	59		
NTDB id 1211 C694 RS00795 WP 000963128.1MAIDEDKQKATISLAIKQ	IDKVF	FGKGA	LVR	LDK.QVEKIDS	ISTGSLGLDL	ALGIGGVPKGR	61	
NTDB id 1214 NCTC11637 00359 SQJ03206.1MAIDEDKQKATISLAIKQ	IDKVF	FGKGA	LVR	LDK.QVEKIDA	ISTGSLGLDL	ALGIGGVPKGR	61	
NTDB id 1334 RAOC RS04870 WP 004918236.1MAKT..ETTSPNDDKK	KALAAVLEKLDKTYGKGTVMKLG	GD	TV	DHNI	IEV	IPSGSLGLDL	ALGVGGYPKGR	68
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKS	SKNNTV.VKQVEPEQKKQ	ALEAALAI	QIEKQ	FGKGSIMKLG	QT.EQLDIES	VSTGSLGLDL	ALGIGGLPMGR	76
NTDB id 1130 NGFG RS03960 WP 003688695.1MSDDKSKALAAALAI	QIEKS	FGKGA	IMKMDGSQ	Q	EENLEV	ISTGSLGLDL	ALGVGGLPRGR	60
NTDB id 1124 NGFG RS03960 WP 003688695.1MSDDKSKALAAALAI	QIEKS	FGKGA	IMKMDGSQ	Q	EENLEV	ISTGSLGLDL	ALGVGGLPRGR	60
NTDB id 1123 OK783 RS03845 WP 003688695.1MSDDKSKALAAALAI	QIEKS	FGKGA	IMKMDGSQ	Q	EENLEV	ISTGSLGLDL	ALGVGGLPRGR	60
NTDB id 1427 RS RS02760 WP 011000510.1	.MED.....GK..KAASMSAEKQ	KALAAALAI	QIEKQ	FGKGSIMKMDA	.EVEPVQV	VSTGSLGLD	VALGVGGLPRGR	68	
NTDB id 36723 PANA RS15410 WP 013026905.1MAIDENKQ	KALAAALGQIEKQ	FGKGSIMRLGED	.RSM	VET	ISTGSLSLDI	ALGAGGLPMGR	61	
NTDB id 1165 A1552VC RS01565 WP 000344154.1MDENKQ	KALAAALGQIEKQ	FGKGSIMRLGDN	.RAM	VET	ISTGSLSLDI	ALGAGGLPMGR	59	
NTDB id 1142 GTF74 RS11550 WP 000344154.1MDENKQ	KALAAALGQIEKQ	FGKGSIMRLGDN	.RAM	VET	ISTGSLSLDI	ALGAGGLPMGR	59	
NTDB id 1205 PSJM300 05545 AFN77183.1MDENK	RALAAALGQIEKQ	FGKGAVMRMGDH	.DRQA	IPS	ISTGSLGLDI	ALGIGGLPKGR	59	
NTDB id 1074 ABD1 RS10195 WP 000344167.1MDENK	SKALQAALSQIEKQ	FGKNTVMRLGDN	.TVQ	AVEAV	STGSLTLDI	ALGIGGLPKGR	59	
NTDB id 1022 ACIAD RS06390 WP 004925639.1MDDNK	SKALQAALSQIEKQ	FGKNTVMRLGDN	.TVQ	AVEAV	STGSLTLDI	ALGIGGLPKGR	59	
consensus	*** **	** ***!	*!!*****	*	***!!*!!*!!*!!*!!*!!*!!*!!	!!*!!			

logo

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 RAOC RS04870 WP 004918236.1
 NTDB id 1389 A4U84 RS07560 WP 021112712.1
 NTDB id 1130 NGFG RS03960 WP 003688695.1
 NTDB id 1124 NGFG RS03960 WP 003688695.1
 NTDB id 1123 OK783 RS03845 WP 003688695.1
 NTDB id 1427 RS RS02760 WP 011000510.1
 NTDB id 36723 PANA RS15410 WP 013026905.1
 NTDB id 1165 A1552VC RS01565 WP 000344154.1
 NTDB id 1142 GTF74 RS11550 WP 000344154.1
 NTDB id 1205 PSJM300 05545 AFN77183.1
 NTDB id 1074 ABD1 RS10195 WP 000344167.1
 NTDB id 1022 ACIAD RS06390 WP 004925639.1

consensus



!!!** ** ***** ***** ** **

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 499 SM12261 RS08315 WP 078228268.1	IEE	384
NTDB id 527 SMSK321 RS11065 WP 001085454.1	IEE	384
NTDB id 453 Spy49 1753c ACI62003.1	D..	378
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
NTDB id 1214 NCTC11637 00359 SQJ03206.1	...	347
NTDB id 1334 RAOC RS04870 WP 004918236.1	...	343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	...	372
NTDB id 1130 NGFG RS03960 WP 003688695.1	...	348
NTDB id 1124 NGFG RS03960 WP 003688695.1	...	348
NTDB id 1123 OK783 RS03845 WP 003688695.1	...	348
NTDB id 1427 RS RS02760 WP 011000510.1	...	352
NTDB id 36723 PANA RS15410 WP 013026905.1	...	356
NTDB id 1165 A1552VC RS01565 WP 000344154.1	...	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	...	354
NTDB id 1205 PSJM300 05545 AFN77183.1	...	347
NTDB id 1074 ABD1 RS10195 WP 000344167.1	...	349
NTDB id 1022 ACIAD RS06390 WP 004925639.1	...	349

consensus

 non conserved
 similar
 ≥ 50% conserved