

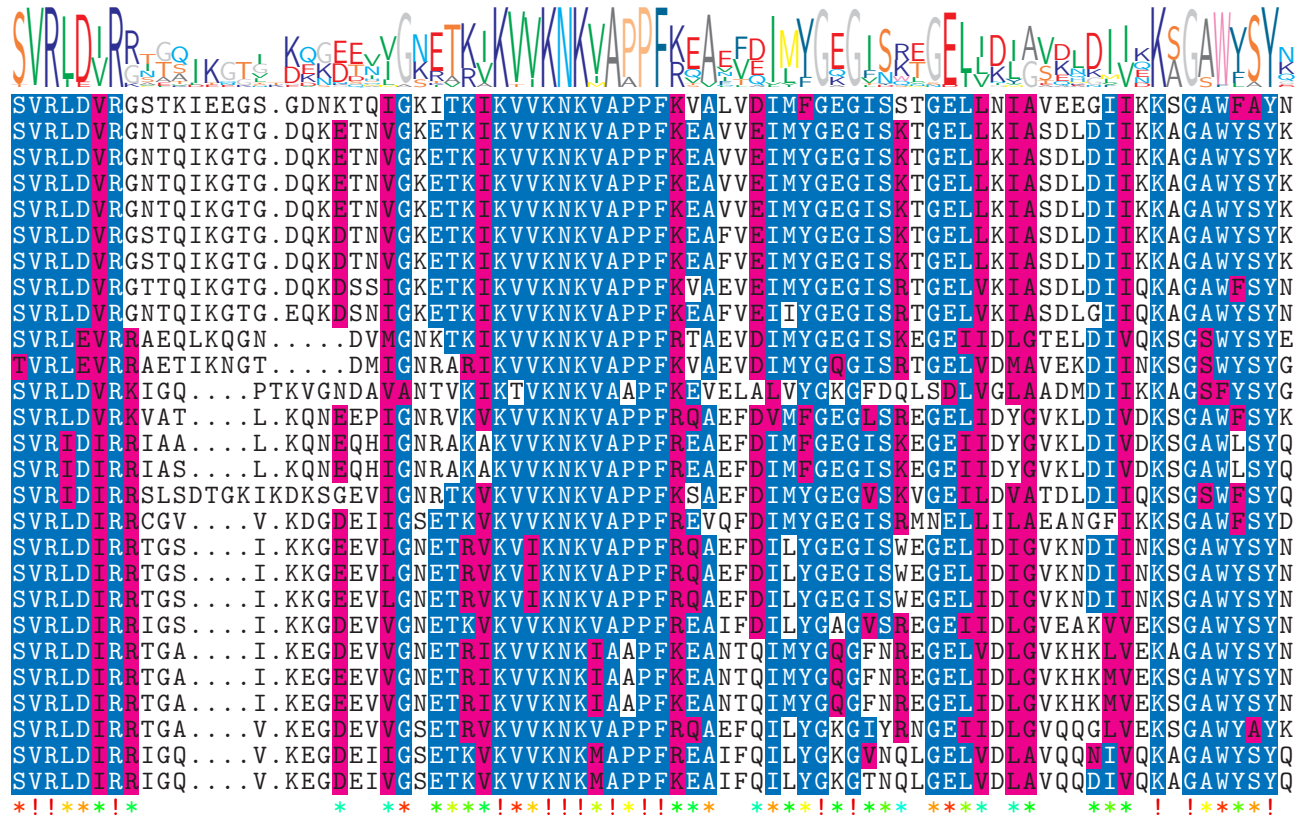
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NTDB id 600 KW2 RS01765 WP 011675413.1	MATKK.....KTNFDDITKKYGA	ERDKALADALALIEKD	FGKGSIMRLGER	.ANQKVS	VSSGSLALDI	I	ALGAGGYPKGR	74	
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAKK.....PKKLEEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	I	ALGSGGYPKGR	73		
NTDB id 228 SPD RS09265 WP 001085462.1	.MAKK.....PKKLEEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	I	ALGSGGYPKGR	73		
NTDB id 194 SPR RS08825 WP 001085462.1	.MAKK.....PKKLEEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	I	ALGSGGYPKGR	73		
NTDB id 159 SP RS09750 WP 001085462.1	.MAKK.....PKKLEEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	I	ALGSGGYPKGR	73		
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAKK.....PKKLDEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	I	ALGSGGYPKGR	73		
NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAKK.....PKKLDEISKKFGA	EREKALNDALKLI	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDI	I	ALGSGGYPKGR	73		
NTDB id 453 Spy49 1753c ACI62003.1	.MAKK.....LKKNEEITKKKFG	DERRKALDDALKN	IEKDFGKGAVMRLGER	.AEQKVQVMSSGSLALDI	I	ALGAGGYPKGR	73		
NTDB id 408 SMU RS09530 WP 002262392.1	.MAKR.....IKKTEEITKKKFG	DERRKALDDALKN	IEKDFGKGAVMRLGER	.AEQKVQVMSSGSLALDI	I	ALGAGGYPKGR	73		
NTDB id 115 BSU 16940 NP 389576.2	.....MSDRQAALDMALKQ	IEKQFGKGSIMKLG	EK.TDTR	ISTVPSGSLALDI	I	ALGIGGYPRGR	58	
NTDB id 625 LCA RS02525 WP 011374196.1	.....MAKDERQAALDAALKK	IEKNFGKGSIMRM	GK.VDTQVSTVSSGSLALDE	ALGVGGYPRGR	60			
NTDB id 1313 DR RS12030 WP 010888966.1	.....MSKDATKEISAPTD	AKERSKATETAM	QIEKAFGKGSIMKLGAE	.SKLDVQVVSTGSLSLDL	I	ALGVGGIPRGR	72	
NTDB id 1245 Cj1673c YP 002345041.1	.....MDNKRKSLDAALKS	LDKTFGKGTILRL	GDK.EVEQ	IDSIGTGSVGLDL	I	ALGIGGVPKGR	59	
NTDB id 1214 NCTC11637 00359 SQJ03206.1MAIDEDKQKATISLA	IKQIDKVF	FGKGA	LVR	LGDK.QVEK	IDAISTGSLGLDL	I	ALGIGGVPKGR	61
NTDB id 1211 C694 RS00795 WP 000963128.1MAIDEDKQKATISLA	IKQIDKVF	FGKGA	LVR	LGDK.QVEK	IDAISTGSLGLDL	I	ALGIGGVPKGR	61
NTDB id 1334 RAOC RS04870 WP 004918236.1MAKT..ETTSPN	DDKKKALAAVLEK	LDKTYGKGTVMKLG	DGTVDHNI	IEVIPSGSLGLDL	I	ALGVGGYPKGR	68	
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKS	SKNNTV.VKQVEP	EQKKQALEAALA	QIEKQFGKGSIMKLG	QT.EQLD	IESVSTGSLGLDL	I	ALGIGGLPMGR	76
NTDB id 1130 NGFG RS03960 WP 003688695.1MSDDKSKALAAALA	QIEKSF	FGKGA	IMKMDGSQ	QEE	NLEVISTGSLGLDL	I	ALGVGGLPRGR	60
NTDB id 1124 NGFG RS03960 WP 003688695.1MSDDKSKALAAALA	QIEKSF	FGKGA	IMKMDGSQ	QEE	NLEVISTGSLGLDL	I	ALGVGGLPRGR	60
NTDB id 1123 OK783 RS03845 WP 003688695.1MSDDKSKALAAALA	QIEKSF	FGKGA	IMKMDGSQ	QEE	NLEVISTGSLGLDL	I	ALGVGGLPRGR	60
NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....K..KAASMS	AEKQKALAAALA	QIEKQFGKGSIMKMG	DA.EVEP	VQVVSTGSLGLD	I	ALGVGGLPRGR	68	
NTDB id 163000 AT730 RS08385 WP 005380874.1	.....MDENKQKALAAALG	QIEKQFGKGSIMRL	GDN.RAMD	VETISTGSLSLDI	I	ALGAGGLPMGR	59	
NTDB id 1165 A1552VC RS01565 WP 000344154.1	.....MDENKQKALAAALG	QIEKQFGKGSIMRL	GDN.RAMD	VETISTGSLSLDI	I	ALGAGGLPMGR	59	
NTDB id 1142 GTF74 RS11550 WP 000344154.1	.....MDENKQKALAAALG	QIEKQFGKGSIMRL	GDN.RAMD	VETISTGSLSLDI	I	ALGAGGLPMGR	59	
NTDB id 1205 PSJM300 05545 AFN77183.1MDENKQRALAAALG	QIEKQFGKGA	VMRMGD	H.DRQA	IP	ISTGSLGLDI	I	ALGIGGLPKGR	59
NTDB id 1022 ACIAD RS06390 WP 004925639.1	.....MDDNKSKALQAALS	QIEKQFGKNTVM	RLGDN.TVQ	AVEAVSTGSLT	LDI	ALGIGGLPKGR	59	
NTDB id 1074 ABD1 RS10195 WP 000344167.1MDENKSKALQAALS	QIEKQFGKNTVM	RLGDN.TVQ	AVEAVSTGSLT	LDI	ALGIGGLPKGR	59		
consensus		*** **	* **	***!	*!!*****	*	***!!*!!*!!*!!*!!*!!*!!*!!		

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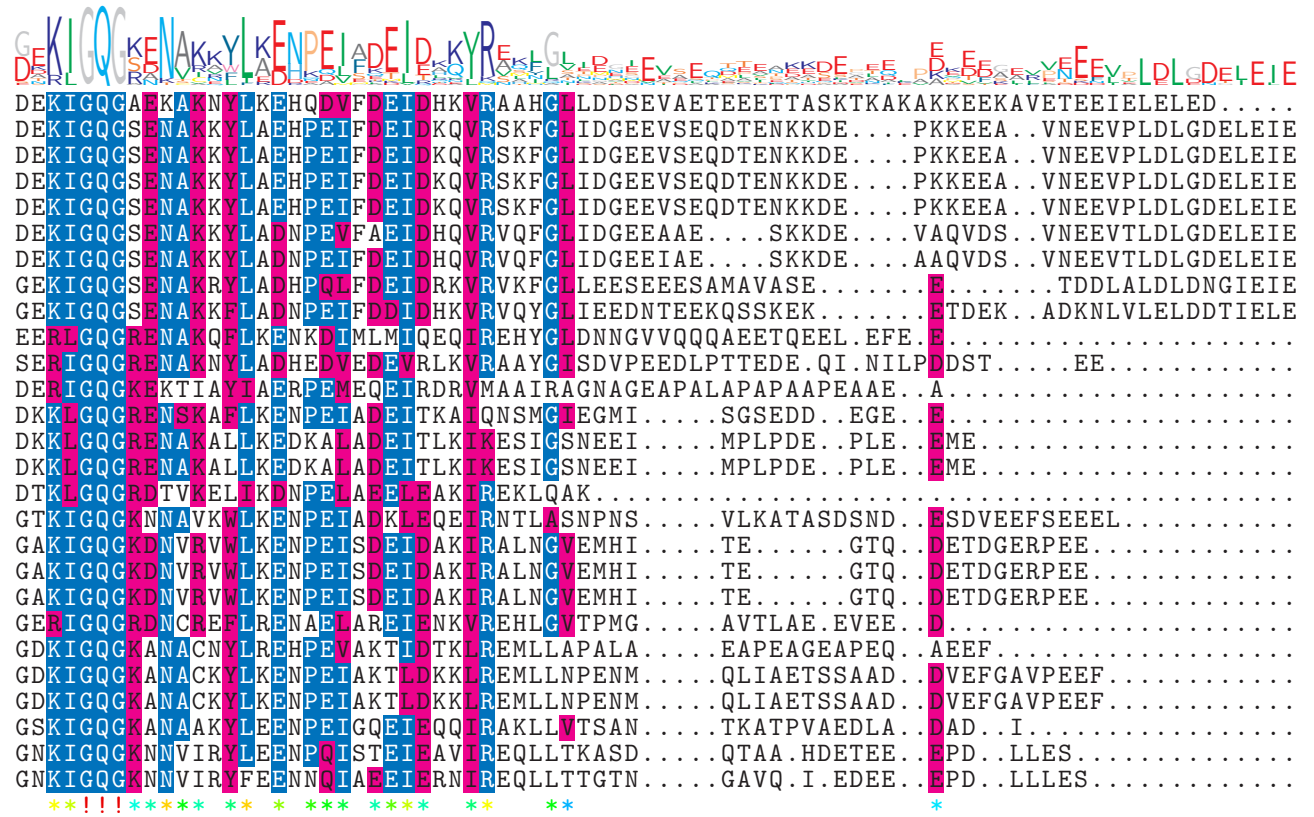
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 NTDB id 453 Spy49 1753c ACI62003.1
 NTDB id 408 SMU RS09530 WP 002262392.1
 NTDB id 115 BSU 16940 NP 389576.2
 NTDB id 625 LCA RS02525 WP 011374196.1
 NTDB id 1313 DR RS12030 WP 010888966.1
 NTDB id 1245 Cj1673c YP 002345041.1
 NTDB id 1214 NCTC11637 00359 SQJ03206.1
 NTDB id 1211 C694 RS00795 WP 000963128.1
 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 163000 AT730 RS08385 WP 005380874.1
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 NTDB id 1022 ACIAD RS06390 WP 004925639.1
 NTDB id 1074 ABD1 RS10195 WP 000344167.1
 consensus



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 NTDB id 1022 ACIAD RS06390 WP 004925639.1
 NTDB id 1074 ABD1 RS10195 WP 000344167.1
 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
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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 1389 A4U84 RS07560 WP 021112712.1	...	372
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consensus

 non conserved
 similar
 ≥ 50% conserved