

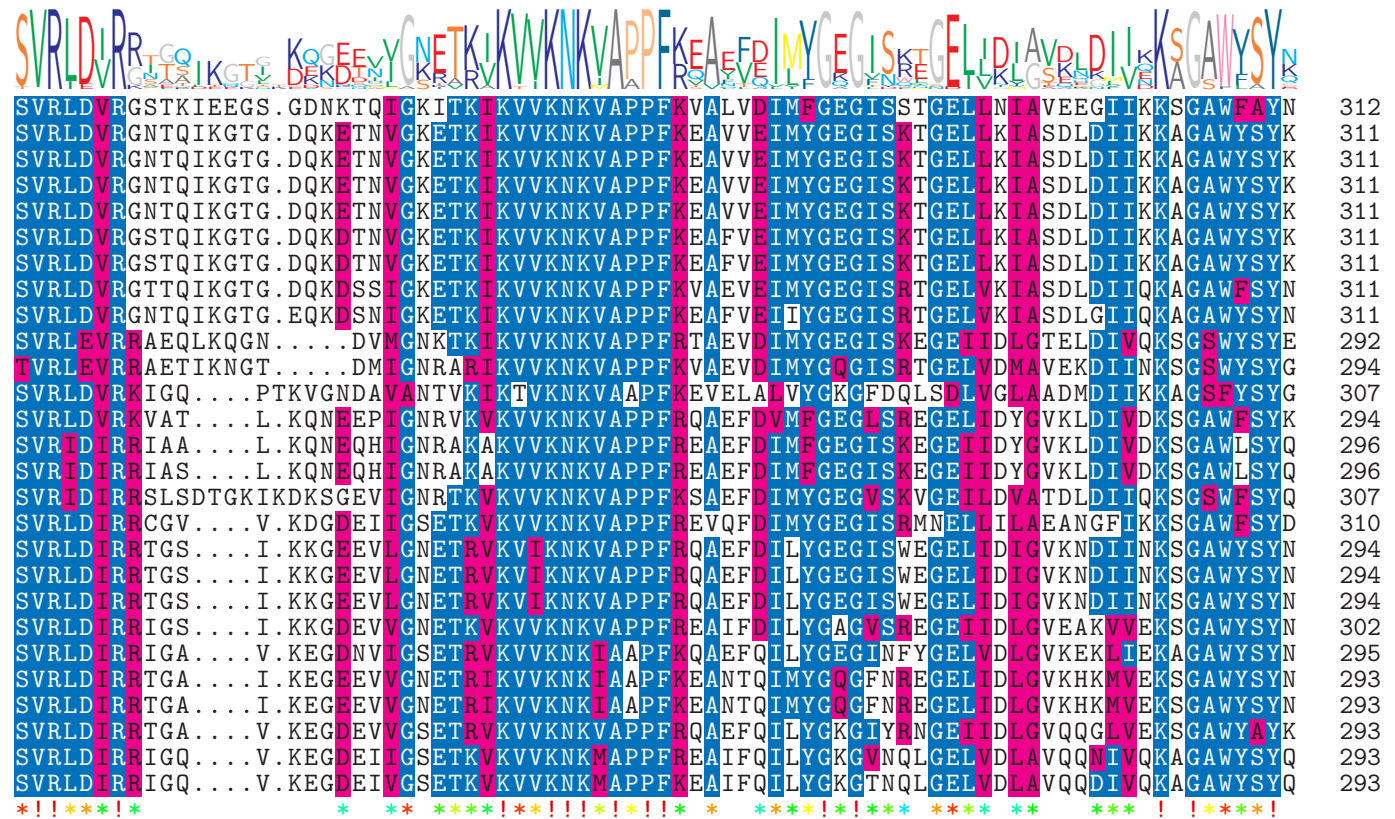
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NTDB id 600 KW2 RS01765 WP 011675413.1	MATKKK....TNFDDITKKYGA	ERD	KAL	ADAL	AL	IEKD	FGKGS	LMRLGE	A	ANQKVS	VSS	SGSL	ALD	I	ALG	AGGY	PKGR	74
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAKKP....KKLEEISKKFGA	ERE	KAL	NDAL	KL	IEKD	FGKGS	SIMRLGER	AEQKVQ	VMS	SGSL	ALD	I	ALG	SGGY	PKGR	73	
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NTDB id 194 SPR RS08825 WP 001085462.1	.MAKKP....KKLEEISKKFGA	ERE	KAL	NDAL	KL	IEKD	FGKGS	SIMRLGER	AEQKVQ	VMS	SGSL	ALD	I	ALG	SGGY	PKGR	73	
NTDB id 159 SP RS09750 WP 001085462.1	.MAKKP....KKLEEISKKFGA	ERE	KAL	NDAL	KL	IEKD	FGKGS	SIMRLGER	AEQKVQ	VMS	SGSL	ALD	I	ALG	SGGY	PKGR	73	
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NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAKKP....KKLDEISKKFGA	ERE	KAL	NDAL	KL	IEKD	FGKGS	SIMRLGER	AEQKVQ	VMS	SGSL	ALD	I	ALG	SGGY	PKGR	73	
NTDB id 453 Spy49 1753c ACI62003.1	.MAKKL....KKNEEITKKFG	DERR	KAL	DDAL	KN	IEKD	FGKG	AVMRLGER	AEQKVQ	VMS	SGSL	ALD	I	ALG	AGGY	PKGR	73	
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NTDB id 625 LCA RS02525 WP 011374196.1	MAKDERQAALDA	ALKK	IEKN	FGKGS	SIMRMGEK	VDTQ	VST	VSS	SGSL	AL	DEAL	GVGGY	PRGR	60				
NTDB id 1313 DR RS12030 WP 010888966.1	MSKDATKEISAPTD	AKERS	KA	TET	AMS	QIEKA	FGKGS	SIMKLGAE	SKLD	VQV	VST	TGSL	SLDL	AL	GVGGI	PRGR	72	
NTDB id 1245 Cj1673c YP 002345041.1	MDDNKRKSLDA	ALKS	LDKT	FGKGT	ILRLGDK	EVEQ	IDS	IGT	GSVGLDL	AL	GIGGV	PKGR	59					
NTDB id 1214 NCTC11637 00359 SQJ03206.1	MAIDEDKQKAI	SLAIKQ	IDKV	FGKG	ALVRLGDK	QVEK	IDA	IST	TGSL	GLDL	AL	GIGGV	PKGR	61				
NTDB id 1211 C694 RS00795 WP 000963128.1	MAIDEDKQKAI	SLAIKQ	IDKV	FGKG	ALVRLGDK	QVEK	IDS	IST	TGSL	GLDL	AL	GIGGV	PKGR	61				
NTDB id 1334 RAOC RS04870 WP 004918236.1	MAKT..ETTSPN	DDKK	KALAA	VLEK	LDKT	YGKGT	VMKLG	DGTVD	HNIEV	IP	SGSL	GLDL	AL	GVGGY	PKGR	68		
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKSSKNNTV..VKQVEP	EQKKQ	ALEA	AALQ	IEKQ	FGKGS	SIMKLGQT	EQLD	IES	VST	TGSL	GLDL	AL	GIGGL	PMGR	76		
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NTDB id 1124 NGFG RS03960 WP 003688695.1	MSDDKSKALAA	AALQ	IEKS	FGKGA	IMKMDGS	Q	Q	Q	EEN	LEV	IST	TGSL	GLDL	AL	GVGGL	PRGR	60	
NTDB id 1123 OK783 RS03845 WP 003688695.1	MSDDKSKALAA	AALQ	IEKS	FGKGA	IMKMDGS	Q	Q	Q	EEN	LEV	IST	TGSL	GLDL	AL	GVGGL	PRGR	60	
NTDB id 1427 RS RS02760 WP 011000510.1	.MED.....GK..KAASMS	AEKQ	KALAA	AALQ	IEKQ	FGKGS	SIMKMDA	EVEP	VQV	VST	TGSL	GLD	VAL	GVGGL	PRGR	68		
NTDB id 176736 A3780 RS18900 WP 007370558.1	MAIDENKQKALAA	ALGQ	IEKQ	FGKGS	SIMRLGED	RSMD	VET	IST	TGSL	SLDL	I	AL	GAGGL	PMGR	61			
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NTDB id 1205 PSJM300 05545 AFN77183.1	MDENKKRALAA	ALGQ	IEKQ	FGKG	AVMRMGDH	DRQA	IPS	IST	TGSL	GLDL	AL	GIGGL	PKGR	59				
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consensus	***	***	*	***!	*!!	*****	*	***!!*!!*!!*!!	!!	***!!								


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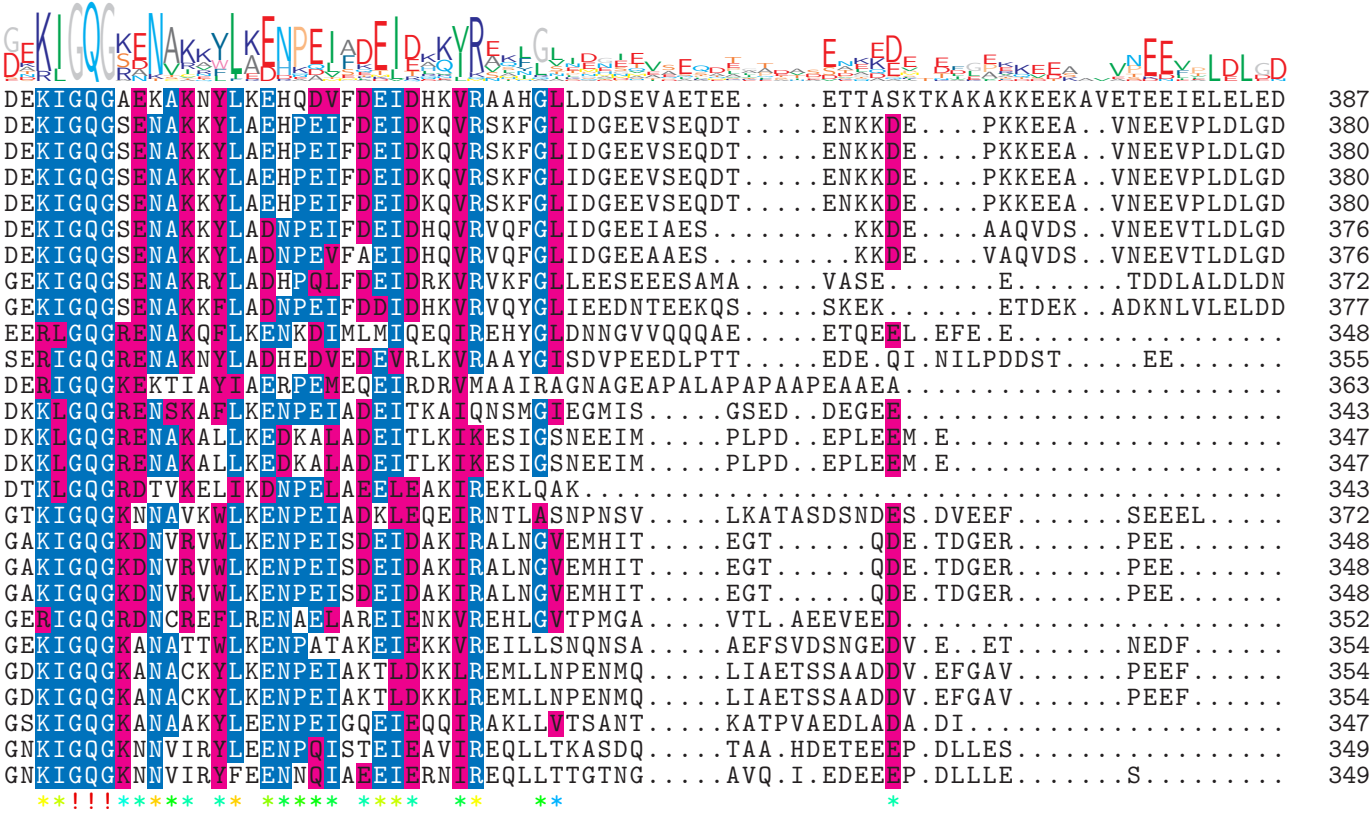
NTDB id 600 KW2 RS01765 WP 011675413.1
NTDB id 269 KZH43 RS08665 WP 001085462.1
NTDB id 228 SPD RS09265 WP 001085462.1
NTDB id 194 SPR RS08825 WP 001085462.1
NTDB id 159 SP RS09750 WP 001085462.1
NTDB id 499 SM12261 RS08315 WP 078228268.1
NTDB id 527 SMSK321 RS11065 WP 001085454.1
NTDB id 453 Spy49 1753c ACI62003.1
NTDB id 408 SMU RS09530 WP 002262392.1
NTDB id 115 BSU 16940 NP 389576.2
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NTDB id 1022 ACIAD RS06390 WP 0004925639.1
NTDB id 1074 ABD1 RS10195 WP 000344167.1
consensus

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consensus



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		ELELEE	
NTDB id 600 KW2 RS01765 WP 011675413.1			387
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NTDB id 1074 ABD1 RS10195 WP 000344167.1			349
consensus			

- X non conserved
- X similar
- X ≥ 50% conserved