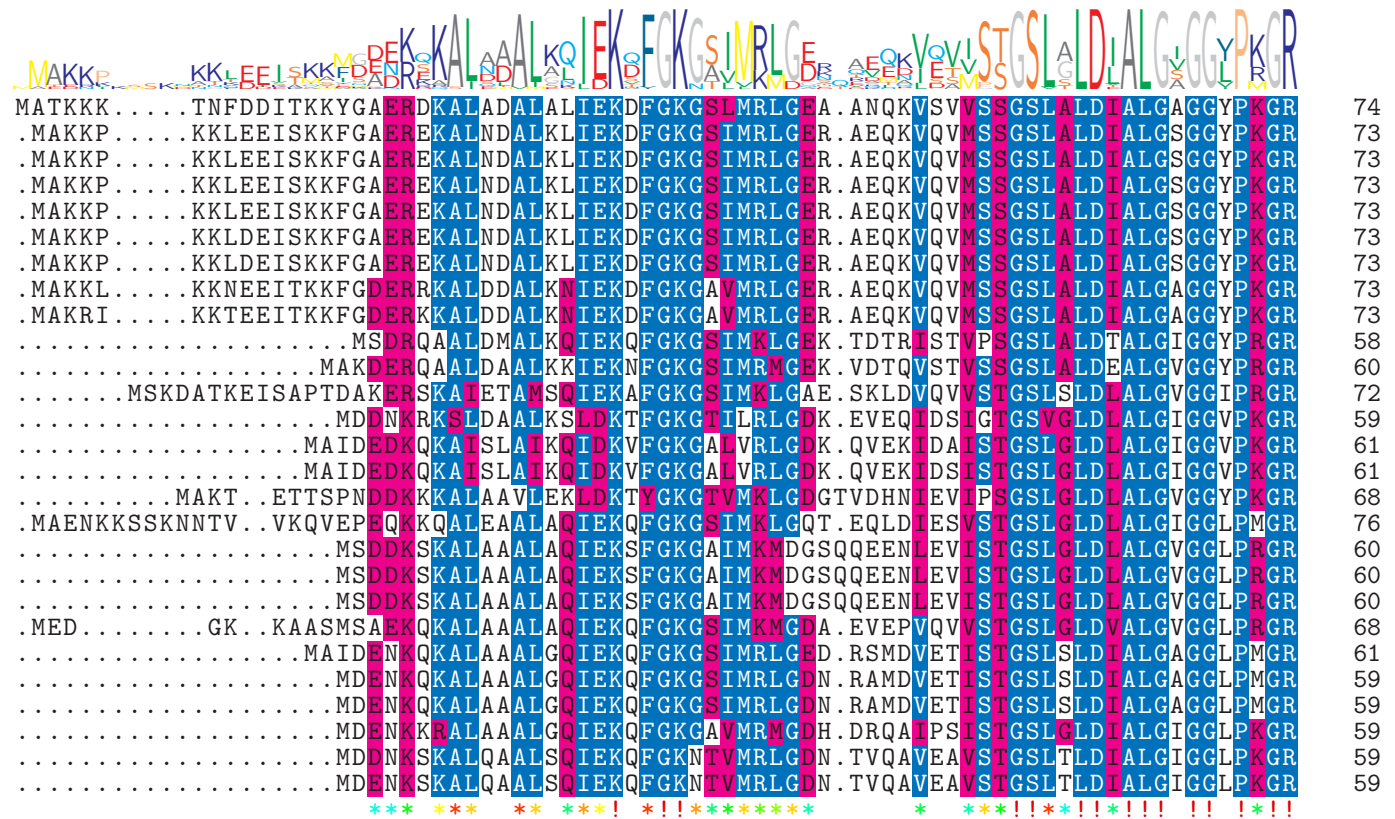


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NTDB id 600 KW2 RS01765 WP 011675413.1
NTDB id 269 KZH43 RS08665 WP 001085462.1
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NTDB id 453 Spy49 1753c ACI62003.1
NTDB id 408 SMU RS09530 WP 002262392.1
NTDB id 115 BSU 16940 NP 389576.2
NTDB id 625 LCA RS02525 WP 011374196.1
NTDB id 1313 DR RS12030 WP 010888966.1
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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
NTDB id 1123 OK783 RS03845 WP 003688695.1
NTDB id 1427 RS RS02760 WP 011000510.1
NTDB id 414560 GUC46 RS05175 WP 003037330.1
NTDB id 1165 A1552VC RS01565 WP 000344154.1
NTDB id 1142 GTF74 RS11550 WP 000344154.1
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NTDB id 1022 ACIAD RS06390 WP 0004925639.1
NTDB id 1074 ABD1 RS10195 WP 000344167.1
consensus

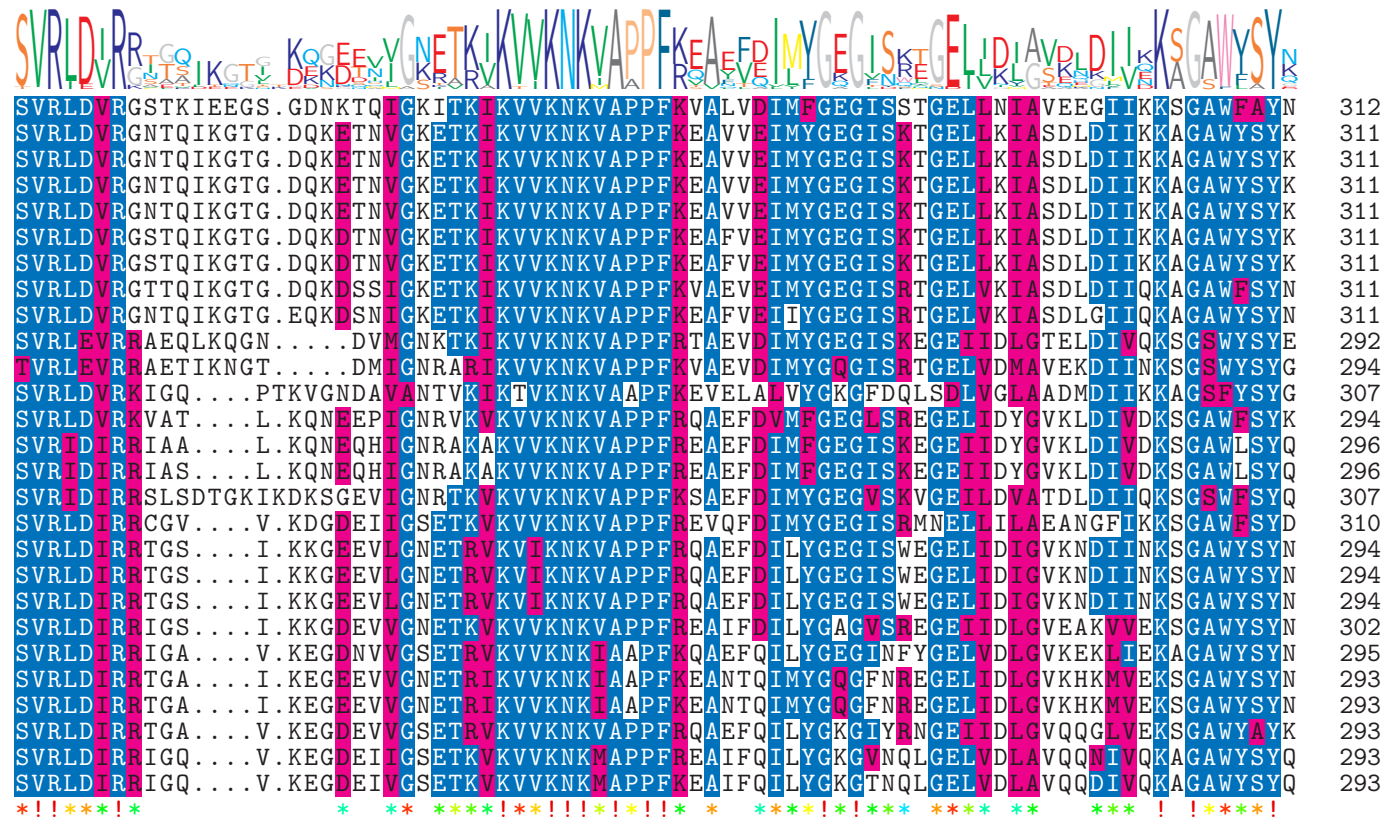
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NTDB id 600 KW2 RS01765 WP 011675413.1
NTDB id 269 KZH43 RS08665 WP 001085462.1
NTDB id 228 SPD RS09265 WP 001085462.1
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NTDB id 1123 OK783 RS03845 WP 003688695.1
NTDB id 1427 RS RS02760 WP 011000510.1
NTDB id 414560 GUC46 RS05175 WP 003037330.1
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 1022 ACIAD RS06390 WP 0004925639.1
NTDB id 1074 ABD1 RS10195 WP 000344167.1
consensus

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Accession	Species	Gene	Protein	Consensus
NTDB id 600	KW2 RS01765	WP 011675413.1	DEKIGQGAEAKKNYLKEHQDVFEIDHKVRAAHGLDDSEVAETEEETTA...SKTKAKAKKEEKAVETEEIELELED.	387
NTDB id 269	KZH43 RS08665	WP 001085462.1	DEKIGQGSENAKKYLAEPHPEIFDEIDKQVRSKFGGLIDGEEVSEQDTEENKK...DE...PKKEEA..VNEEVPLDLGDE	381
NTDB id 228	SPD RS09265	WP 001085462.1	DEKIGQGSENAKKYLAEPHPEIFDEIDKQVRSKFGGLIDGEEVSEQDTEENKK...DE...PKKEEA..VNEEVPLDLGDE	381
NTDB id 194	SPR RS08825	WP 001085462.1	DEKIGQGSENAKKYLAEPHPEIFDEIDKQVRSKFGGLIDGEEVSEQDTEENKK...DE...PKKEEA..VNEEVPLDLGDE	381
NTDB id 159	SP RS09750	WP 001085462.1	DEKIGQGSENAKKYLAEPHPEIFDEIDKQVRSKFGGLIDGEEVSEQDTEENKK...DE...PKKEEA..VNEEVPLDLGDE	381
NTDB id 527	SMK321 RS11065	WP 001085454.1	DEKIGQGSENAKKYLADNPEVFAEIDHKQVRVQFGLIDGEEAAE...SKK...DE...VAQVDS..VNEEVTLDLGDE	377
NTDB id 499	SM12261 RS08315	WP 078228268.1	DEKIGQGSENAKKYLADNPEIFDEIDHKQVRVQFGLIDGEEIAE...SKK...DE...AAQVDS..VNEEVTLDLGDE	377
NTDB id 453	Spy49 1753c	ACI62003.1	GEKIGQGSENAKRYLADHPQLFDEIDRKVRVKFGLLEESEEEESAMAVASE.....E.....TDDLALDLNG	373
NTDB id 408	SMU RS09530	WP 002262392.1	GBKIGQGSENAKKFLADNPEIFDDIDHKQVRVQYGLIEEDNTTEEKQSSKEK.....ETDEK..ADKNLVLELDDT	378
NTDB id 115	BSU 16940	NP 389576.2	EERLGGQRENAKQFLKENKDIMLMIQVIREHYGLDNNGVVQQAEETQE...EL.EFE.E.....	348
NTDB id 625	LCA RS02525	WP 0011374196.1	SERIGQGSENAKNYLADHEDVEFVRLKVRAAAYGISDVPEEDLPTDEE...QI.NILPDDST.....EE.....	355
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NTDB id 1214	NCTC11637	00359 SQJ03206.1	DKKLGGQRENAKALLKEDKALADEITLKIKESIGSNEEI....MPLPDE..PLEEME.....	347
NTDB id 1211	C694 RS00795	WP 000963128.1	DKKLGGQRENAKALLKEDKALADEITLKIKESIGSNEEI....MPLPDE..PLEEME.....	347
NTDB id 1334	RAOC RS04870	WP 004918236.1	DTKLGGQRDTPVKELIKDNPEIAEELAKIREKLQAK.....	343
NTDB id 1389	A4U84 RS07560	WP 021112712.1	GTKIGQCKNNAVKWLKENPEIAKLEQEIRNTLASNPNS....VLKATASDSNDESDVEEFS.....EEEL.....	372
NTDB id 1130	NGFG RS03960	WP 003688695.1	GAKIGQCKDNVRVWLKENPEISDEIDAKIRALNGVEMHI....TEGTQDET.....GERP.....EE.....	348
NTDB id 1124	NGFG RS03960	WP 003688695.1	GAKIGQCKDNVRVWLKENPEISDEIDAKIRALNGVEMHI....TEGTQDET.....GERP.....EE.....	348
NTDB id 1123	OK783 RS03845	WP 003688695.1	GAKIGQCKDNVRVWLKENPEISDEIDAKIRALNGVEMHI....TEGTQDET.....GERP.....EE.....	348
NTDB id 1427	RS RS02760	WP 011000510.1	GERIGQGRDNCREFLRENAELAREIENKVRHLGVTPMG....AVTL.AEEVEED.....	352
NTDB id 414560	GUC46 RS05175	WP 003037330.1	GEKIGQCKANATNWLKENPATAKEIEKKLRELLNNQDS....TPDFSVDSDGEDV..KETN.....EDF.....	354
NTDB id 1165	A1552VC RS01565	WP 000344154.1	GDKIGQCKANACKYLKENPEIAKTLDKKLREMLLNPNEM....QLIAETSSAADDFEFGAVP.....EEF.....	354
NTDB id 1142	GTF74 RS11550	WP 000344154.1	GDKIGQCKANACKYLKENPEIAKTLDKKLREMLLNPNEM....QLIAETSSAADDFEFGAVP.....EEF.....	354
NTDB id 1205	PSJM300	05545 AFN77183.1	GSKIGQCKANAACKYLEENPEIGQEIEQQIRAKLLVTSAN....TKATPVAEDLADADI.....	347
NTDB id 1022	ACIAD RS06390	WP 004925639.1	GNKIGQCKNNVIRYLEENPQISTEIEAVIREQLLTKASD....QTAA.HDETEEEPDLLES.....	349
NTDB id 1074	ABD1 RS10195	WP 000344167.1	GNKIGQCKNNVIRYLEENPQIAEIERNIREQLLTGTN....GAVQ.I.EDEEEDPDLLES.....	349

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NTDB id 600 KW2 RS01765 WP 011675413.1			387
NTDB id 269 KZH43 RS08665 WP 001085462.1	LEIEIEE		388
NTDB id 228 SPD RS09265 WP 001085462.1	LEIEIEE		388
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NTDB id 499 SM12261 RS08315 WP 078228268.1	LEIEIEE		384
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NTDB id 1022 ACIAD RS06390 WP 004925639.1			349
NTDB id 1074 ABD1 RS10195 WP 000344167.1			349
consensus			

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