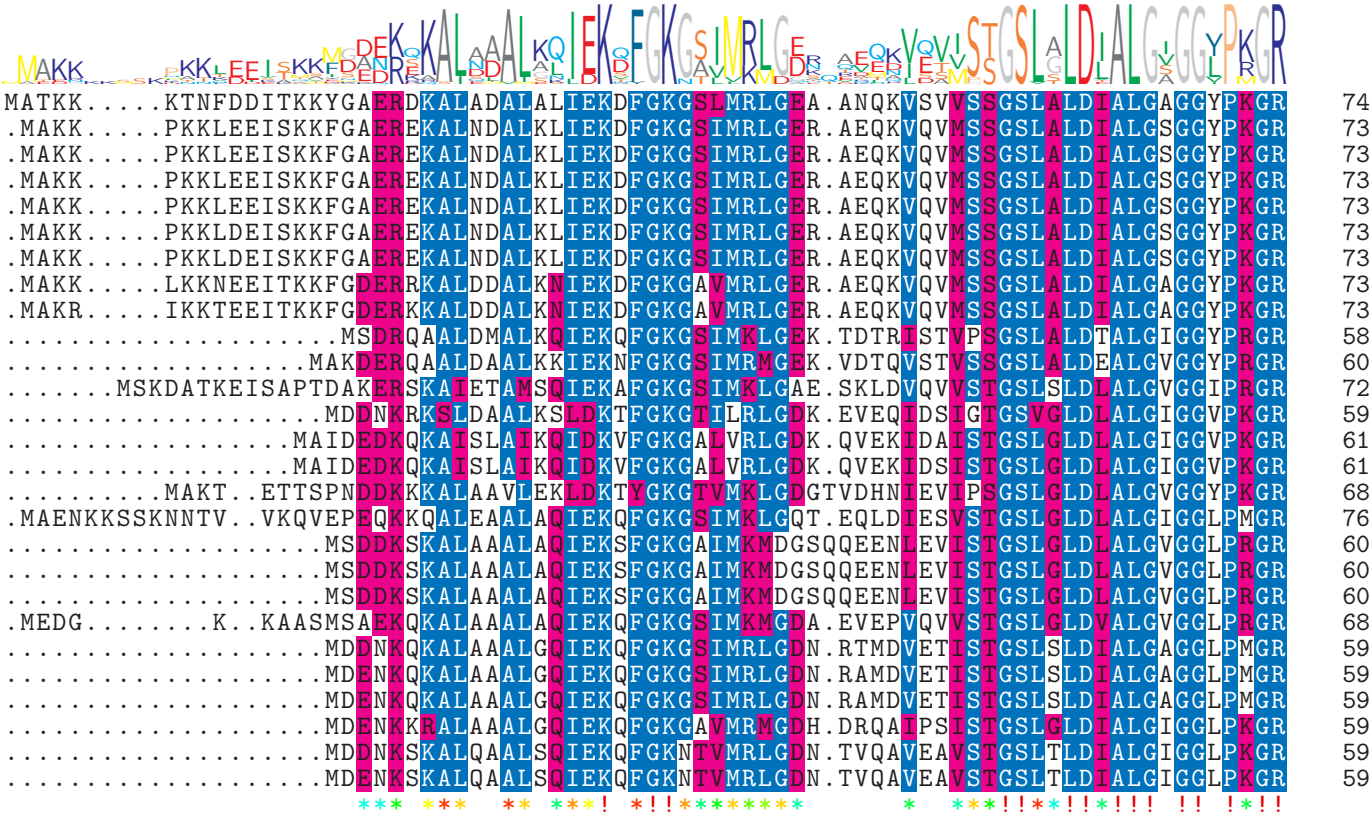


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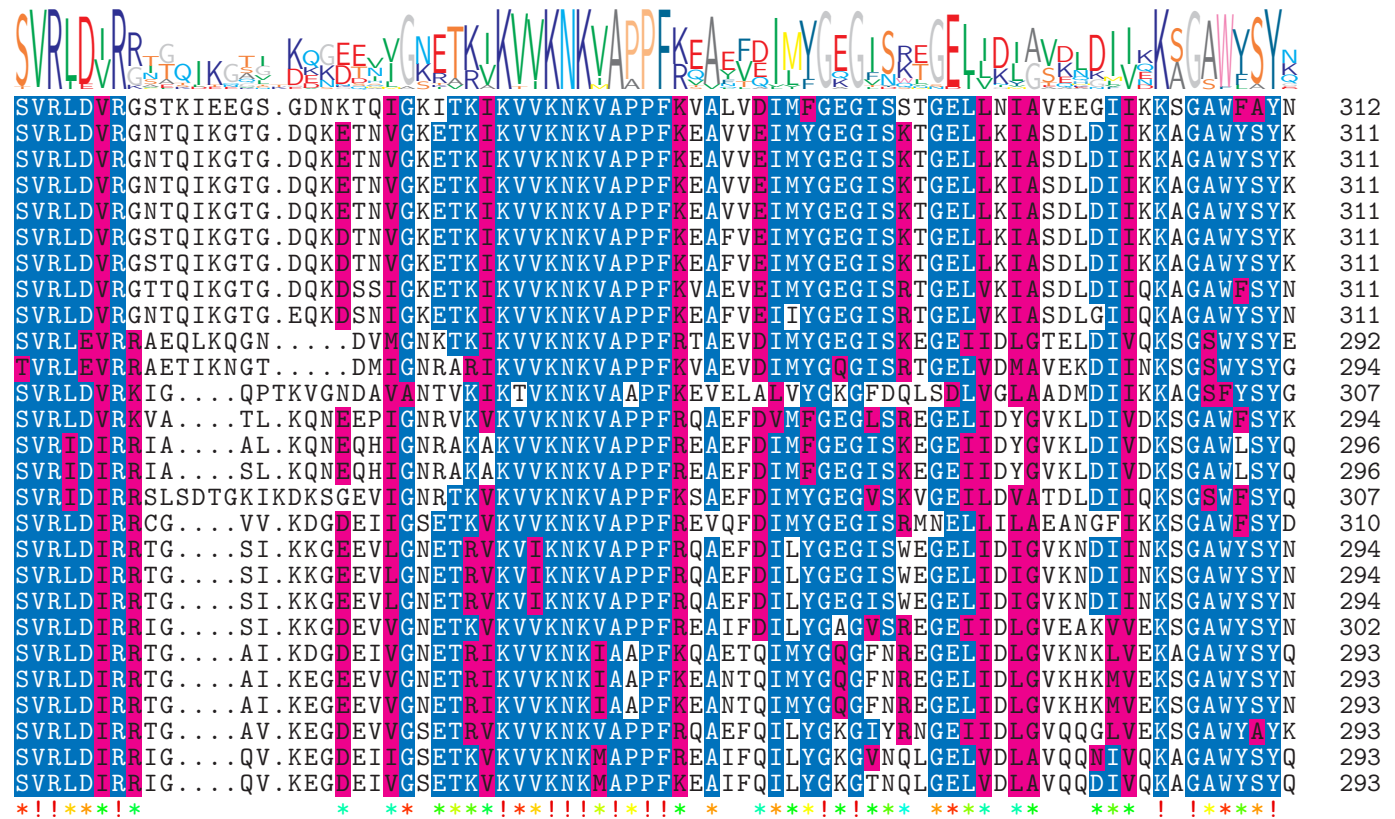
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NTDB id 194 SPR RS08825 WP 001085462.1
NTDB id 159 SP RS09750 WP 001085462.1
NTDB id 527 SMSK321 RS11065 WP 001085454.1
NTDB id 499 SM12261 RS08315 WP 078228268.1
NTDB id 453 Spy49 1753c ACI62003.1
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NTDB 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
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NTDB id 1142 GTF74 RS11550 WP 000344154.1
NTDB id 1205 PSJM300 05545 AFN77183.1
NTDB id 1022 ACIAD RS06390 WP 004925639.1
NTDB id 1074 ABD1 RS10195 WP 000344167.1
consensus




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NTDB id 600 KW2 RS01765 WP 011675413.1
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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	DEKIGQGA	EKAKNYLKEHQDV	DEIDHKVRAAHG	LDDSEVAETEEETT	ASKTKAKAKKEEK	AVETEEIELELED		387
NTDB id 269 KZH43 RS08665 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTEN	KKDE....PKKEEA	..VNEEVPLDLG	DELEIE	385
NTDB id 228 SPD RS09265 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTEN	KKDE....PKKEEA	..VNEEVPLDLG	DELEIE	385
NTDB id 194 SPR RS08825 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTEN	KKDE....PKKEEA	..VNEEVPLDLG	DELEIE	385
NTDB id 159 SP RS09750 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTEN	KKDE....PKKEEA	..VNEEVPLDLG	DELEIE	385
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NTDB id 499 SM12261 RS08315 WP 078228268.1	DEKIGQGS	ENAKKYLADNPEIF	DEIDHQVRVQFGL	IDGEEIAE....SK	KDE....AAQVDS	..VNEEVTLDL	GDELEIE	381
NTDB id 453 Spy49 1753c ACI62003.1	GEKIGQGS	ENAKRYLADHPQL	FDEIDRKVRVKFGL	LEESEEEESAMAV	ASE.....E.....	TDDLALDL	DNGIEIE	377
NTDB id 408 SMU RS09530 WP 002262392.1	GEKIGQGS	ENAKKFLADNPEIF	DDIDHKVRVQYGL	IEEDNTEEEKQSS	KEK.....ETDEK	..ADKNLVLE	LDDTIELE	382
NTDB id 115 BSU 16940 NP 389576.2	EERLGQGS	ENAKQFLKENKDI	MLMIQEIQIREHY	GLDNNGVVQQAE	ETQEEL.EFE.E.....	.....	.....	348
NTDB id 625 LCA RS02525 WP 011374196.1	SERIGQGS	ENAKNYLADHED	VEDEVRLKVRAA	YGISDVPPEEDL	PTEDE.QI.NILP	DDST.....EE	.....	355
NTDB id 1313 DR RS12030 WP 010888966.1	DERIGQGS	KEKTIAIYIAER	PEMEQEIRDRV	MAAIRAGNAGE	APALAPAPAAPE	...AAEA.....	.....	363
NTDB id 1245 Cj1673c YP 002345041.1	DKKLGGGS	ENAKFLKENPEI	ADEITKAIQNSM	GIEGMISGSE	DDDEGEE.....	.....	.....	343
NTDB id 1214 NCTC11637 00359 SQJ03206.1	DKKLGGGS	ENAKALLKEDKA	LADAITLKIKES	IGSNEEIMPLP	DEPLEEME.....	.....	.....	347
NTDB id 1211 C694 RS00795 WP 000963128.1	DKKLGGGS	ENAKALLKEDKA	LADAITLKIKES	IGSNEEIMPLP	DEPLEEME.....	.....	.....	347
NTDB id 1334 RAOC RS04870 WP 004918236.1	DTKLGGGR	DTVVKELIKDN	PELAEELEAKI	IREKLQAK.....	.....	.....	.....	343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	GTKIGQGS	KNNAVKWLKEN	PEIADKLEQEIR	NTLASNPNSVL	KATASDSNDES	...D..VEEF	SEE..EL.....	372
NTDB id 1130 NGFG RS03960 WP 003688695.1	GAKIGQGS	KDNVRVWLKEN	PEISDEIDAKI	RALNGVEMHIT	EGTQDET..D.....	GERPEE.....	.....	348
NTDB id 1124 NGFG RS03960 WP 003688695.1	GAKIGQGS	KDNVRVWLKEN	PEISDEIDAKI	RALNGVEMHIT	EGTQDET..D.....	GERPEE.....	.....	348
NTDB id 1123 OK783 RS03845 WP 003688695.1	GAKIGQGS	KDNVRVWLKEN	PEISDEIDAKI	RALNGVEMHIT	EGTQDET..D.....	GERPEE.....	.....	348
NTDB id 1427 RS RS02760 WP 011000510.1	GERIGQGS	RDNCRFLRENA	EELAREIENKV	REHLGVTPMGA	VTLAAEEVEED	.....	.....	352
NTDB id 89012 OCU48 RS02220 WP 141346821.1	GDKIGQGS	KANAGKFLREH	PETALEIDSKL	RAMLLTTAQL	ED..TQEA...EV...E	.....	.....	341
NTDB id 1165 A1552VC RS01565 WP 000344154.1	GDKIGQGS	KANACKYLVKEN	PEIAKTLDDKK	LREMLLNPEN	MQL..IAET...SS...A	ADDVEFGAV	PEEF.....	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	GDKIGQGS	KANACKYLVKEN	PEIAKTLDDKK	LREMLLNPEN	MQL..IAET...SS...A	ADDVEFGAV	PEEF.....	354
NTDB id 1205 PSJM300 05545 AFN77183.1	GSKIGQGS	KANAAYLEEN	PEIGQIEEQ	IRAKLLVTSAN	TK..ATPVAEDLA	..DADI.....	.....	347
NTDB id 1022 ACIAD RS06390 WP 004925639.1	GNKIGQGS	KNNVIRYLEEN	PQISTEIEAVI	REQLLT	TKASDQT..AA.HDE	TEE...EPDL	LLES.....	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	GNKIGQGS	KNNVIRYFEEN	QIAEEIERNI	REQLLT	TGTNGA..VQ.I.E	DEE...EPD	LLLES.....	349
consensus	***!!!	*****	***	*	***	*****	***	*

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		IEE	
NTDB id 600 KW2 RS01765 WP 011675413.1	...	387	
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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