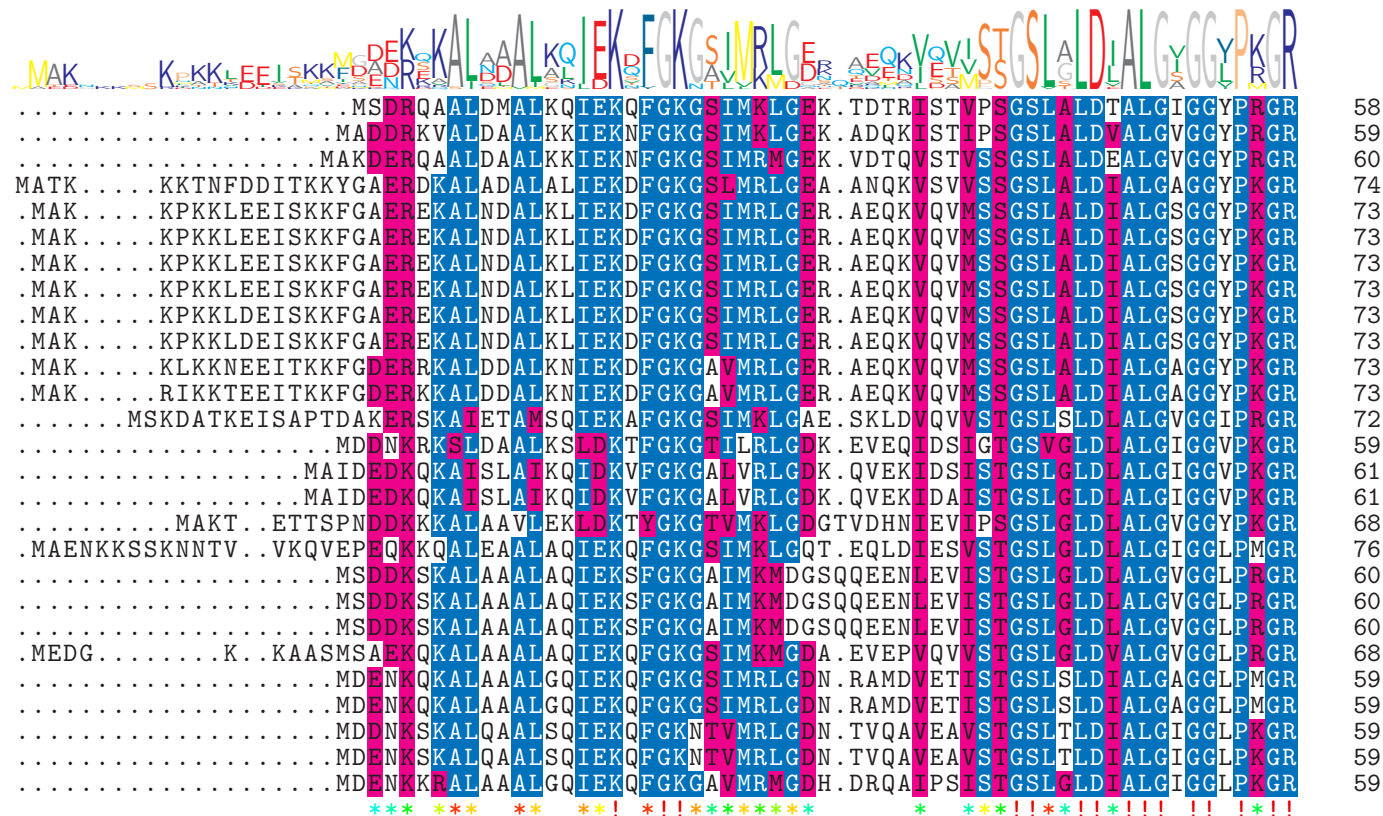


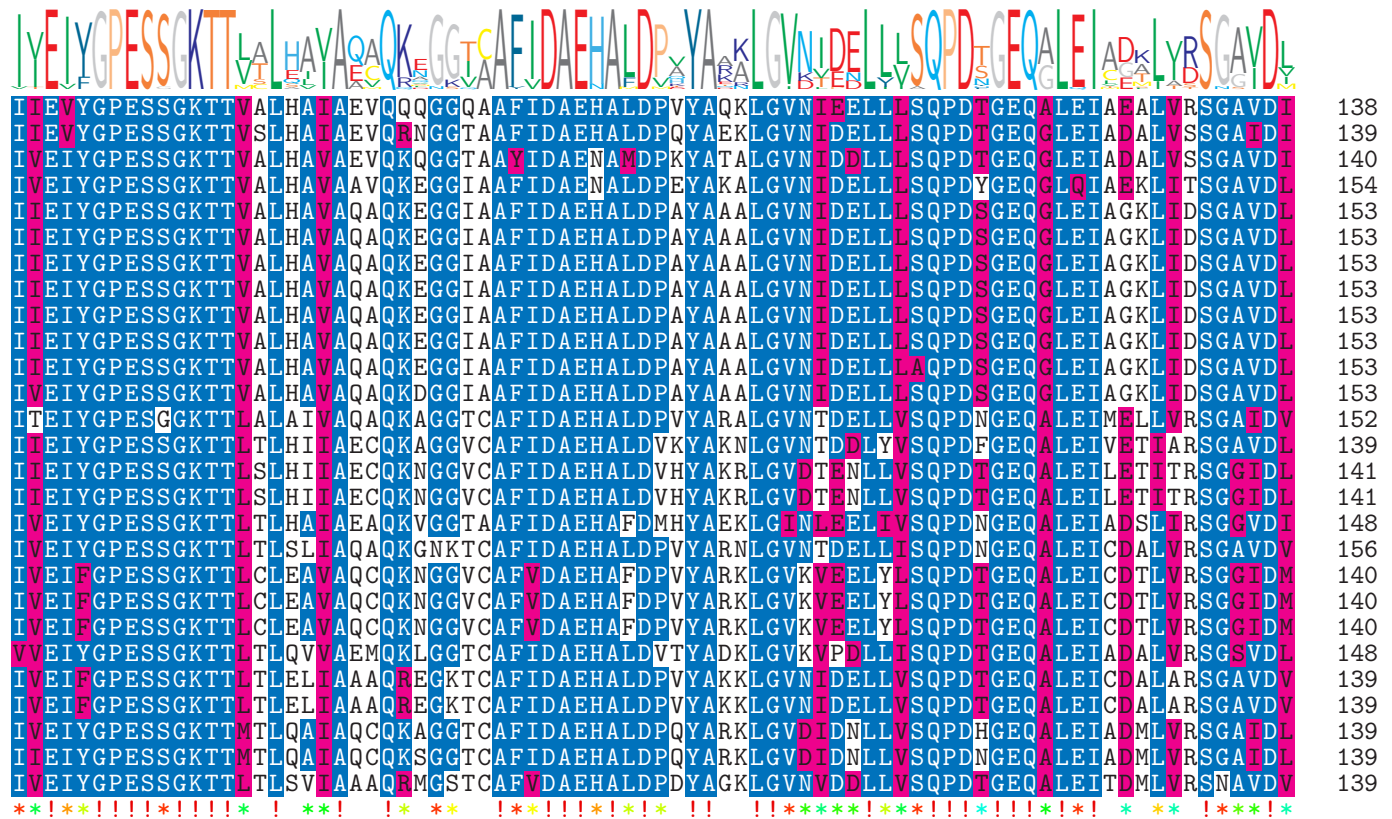
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NTDB id 1074 ABD1 RS10195 WP 000344167.1
NTDB id 1205 PSJM300 05545 AFN77183.1
consensus



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NTDB id 1205 PSJM300 05545 AFN77183.1
consensus

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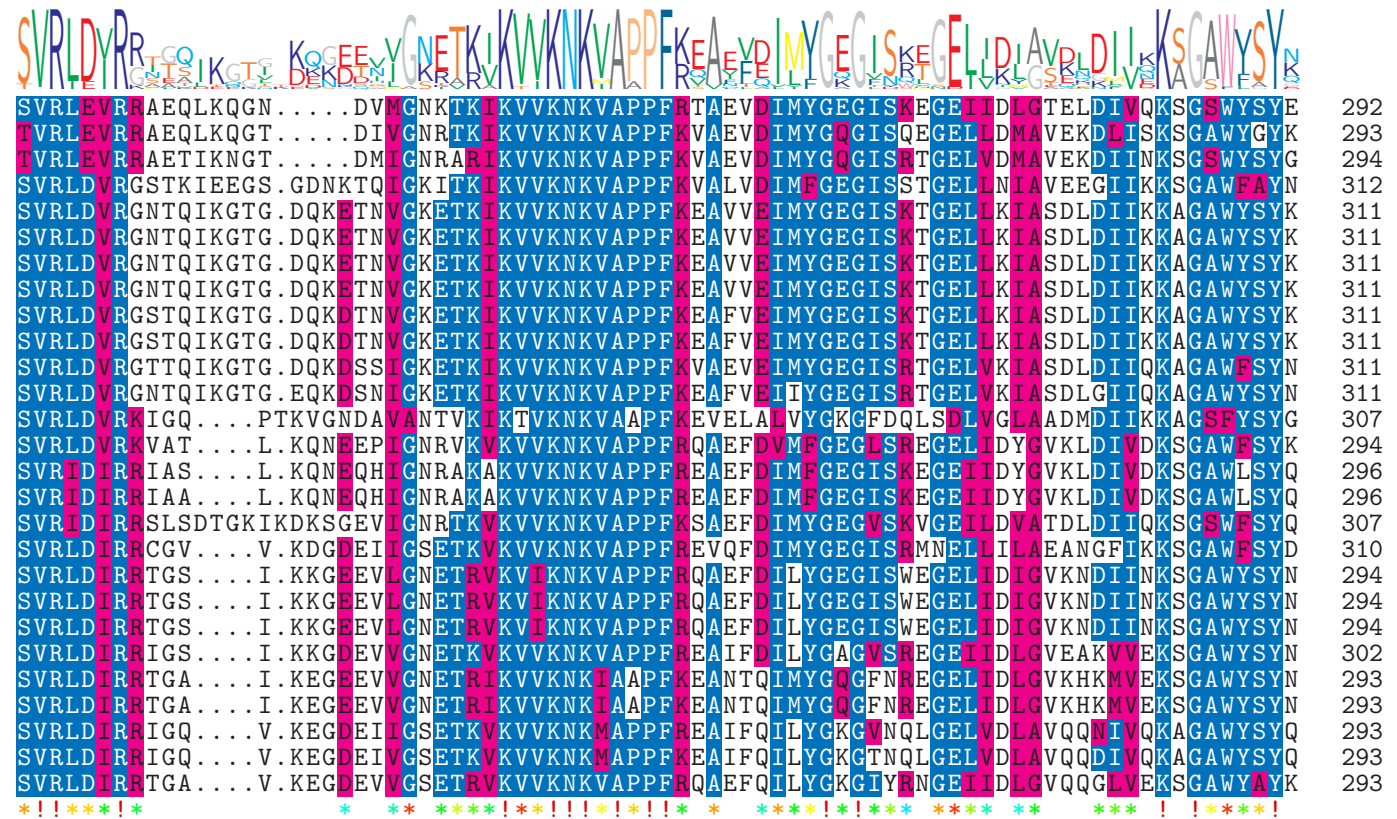
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NTDB id 625 LCA RS02525 WP 011374196.1	LVVDSVAALVPRAEIEGEMGDAHVGLQARLMSQALRKLSGT	INKTKTTAIFINQIREKVGVM	.FGNPEVTPGGRALKFY	S	219
NTDB id 600 KW2 RS01765 WP 011675413.1	VVIDSVAALVPKAEIDGEIGDSSVGLQARMMSQAMRKL	AGHINKTKTTAIFINQIREKVGVM	.FGSPETTPGGRALKFY	A	233
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NTDB id 194 SPR RS08825 WP 001085462.1	VVVDSVAALVPRAEIDGDIIGDSHVGLQARMMSQAMRKL	ASINKTKTTAIFINQIREKVGVM	.FGNPETTPGGRALKFY	A	232
NTDB id 159 SP RS09750 WP 001085462.1	VVVDSVAALVPRAEIDGDIIGDSHVGLQARMMSQAMRKL	ASINKTKTTAIFINQIREKVGVM	.FGNPETTPGGRALKFY	A	232
NTDB id 527 SMSK321 RS11065 WP 001085454.1	VVVDSVAALVPRAEIDGDIIGDSHVGLQARMMSQAMRKL	ASINKTKTTAIFINQIREKVGVM	.FGNPETTPGGRALKFY	A	232
NTDB id 499 SM12261 RS08315 WP 078228268.1	VVVDSVAALVPRAEIDGDIIGDSHVGLQARMMSQAMRKL	ASINKTKTTAIFINQIREKVGVM	.FGNPETTPGGRALKFY	A	232
NTDB id 453 Spy49 1753c ACI62003.1	VVVDSVAALVPRAEIDGDIIGDSHVGLQARMMSQAMRKL	SASINKTKTTAIFINQIREKVGVM	.FGNPETTPGGRALKFY	A	232
NTDB id 408 SMU RS09530 WP 002262392.1	VVVDSVAALVPRAEIDGDIIGDSHVGLQARMMSQAMRKL	SASINKTKTTAIFINQIREKVG	TM.FGNPETTPGGRALKFY	S	232
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NTDB id 1245 Cj1673c YP 002345041.1	IVVDSVAALTTPKAEIEGDMGDQHVGLQARLMSQALRKLT	GIIVHKMNTTVIFINQIRMKIGAMGY	GTPETTTGGNALKFY	A	219
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NTDB id 1334 RAOC RS04870 WP 004918236.1	VVVDSVAALTTPKAEIDGDMGDSKMGLHARLMSQALRKLT	SSISKTKCTVIFINQLRDKIGVM	.FGSPETTTGGNALKFY	A	227
NTDB id 1389 A4U84 RS07560 WP 021112712.1	IIVDSVAALTTPKAEIEGDMGDSHMLQARLMSQALRKLT	ANIKNTNCLVVFINQIRMKIGVM	.FGNPETTTGGNALKFY	A	235
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consensus	***!!!!!!*!*!!!!*!***!*****!*!!!!*!*!*!* * * * * *				

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NTDB id 115 BSU 16940 NP 389576.2
NTDB id 175361 A3777 RS08615 WP 002354860.1
NTDB id 625 LCA RS02525 WP 011374196.1
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NTDB id 1334 RA0C RS04870 WP 004918236.1
NTDB id 1389 A4U84 RS07560 WP 021112712.1
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NTDB id 1123 OK783 RS03845 WP 003688695.1
NTDB id 1427 RS RS02760 WP 011000510.1
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NTDB id 1142 GTF74 RS11550 WP 000344154.1
NTDB id 1022 ACIAD RS06390 WP 004925639.1
NTDB id 1074 ABD1 RS10195 WP 000344167.1
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consensus

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NTDB id 625 LCA RS02525 WP 011374196.1	SERIGQGRENAAKNYLADHEDVEDEVRLKVRRAAYGISDVPEEDLPTTEDEQINILPDDSTEE.....	355
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NTDB id 453 Spy49 1753c ACI62003.1	GEKIGQGSENAkkRYLADHPQLFDEIDRKVRVKFGLLEESEEEESAMAVASE.....E.....TDDLALDLNGIEIE	377
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NTDB id 1165 A1552VC RS01565 WP 000344154.1	GDKIGQGGKANACKYlKENPEIAKTLDDKKLREMLLNPENM....QLIAETSSAAD..DVEFGAVPEEF.....	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	GDKIGQGGKANACKYlKENPEIAKTLDDKKLREMLLNPENM....QLIAETSSAAD..DVEFGAVPEEF.....	354
NTDB id 1022 ACIAD RS06390 WP 004925639.1	GNKIGQGGKNNVIRYFEENNQIAEEIERNIREQLLTGASD....QTAA.HDETEE..EPDLL..ES.....	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	GNKIGQGGKNNVIRYFEENNQIAEEIERNIREQLLTGASD....GAVQ.I.EDEE..EPDLL..LES.....	349
NTDB id 1205 PSJM300 05545 AFN77183.1	GSKIGQGGKANAAKYLEENPEIGQEIEQQIRAKLLVTSAN....TKATPVAEDLA..DADI.....	347
consensus	***!!!***** ** * *** ***** ** **	

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NTDB id 527	SMSK321 RS11065 WP 001085454.1	IEE	384
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NTDB id 1074	ABD1 RS10195 WP 000344167.1	...	349
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consensus			

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