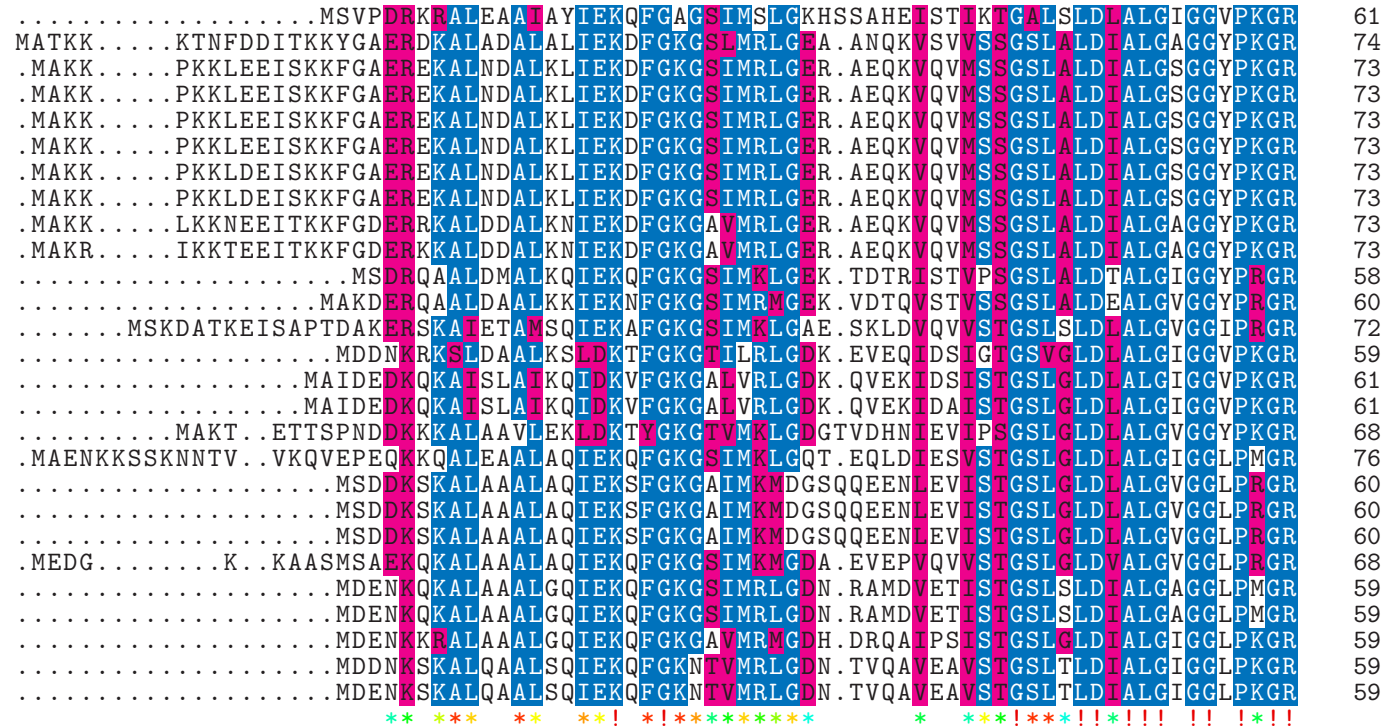
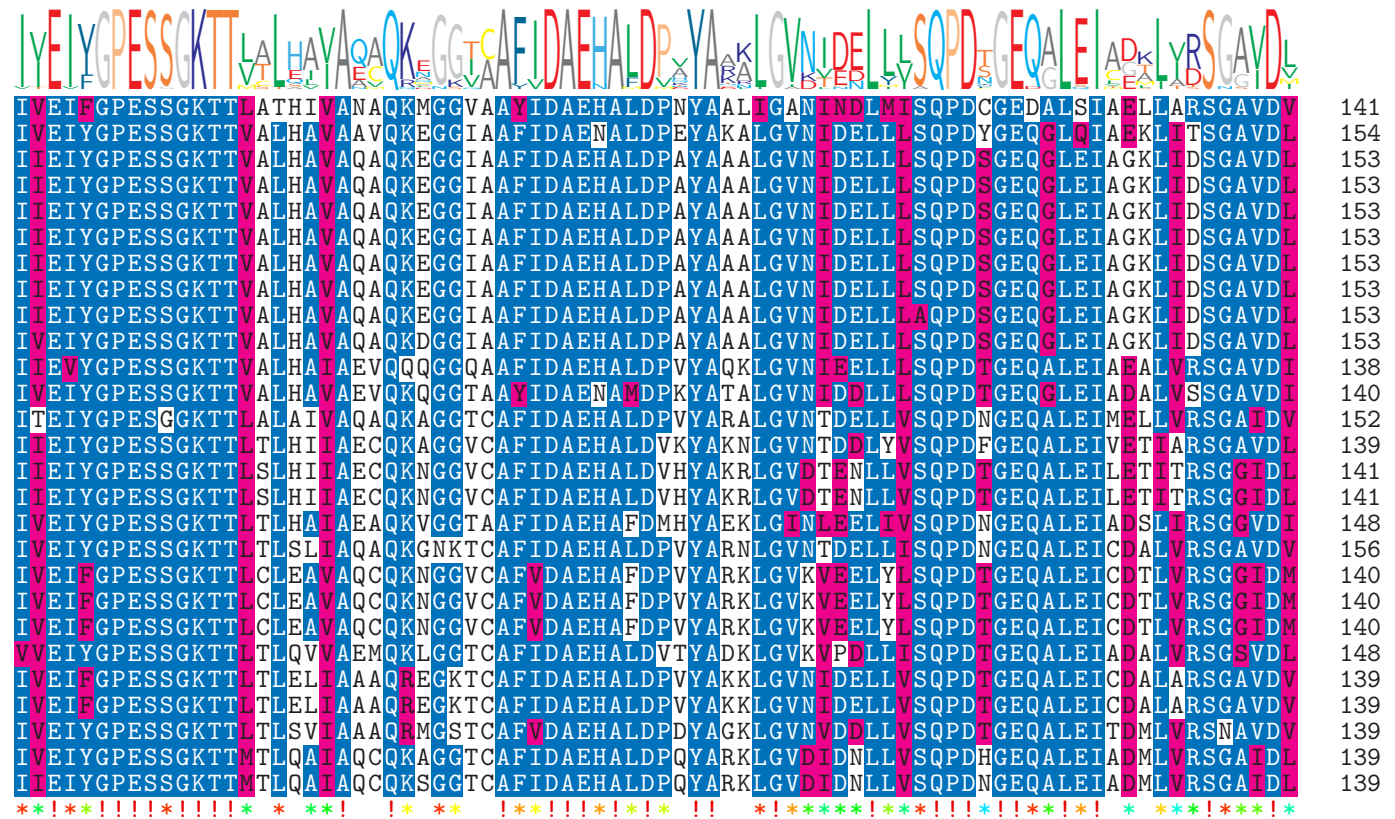


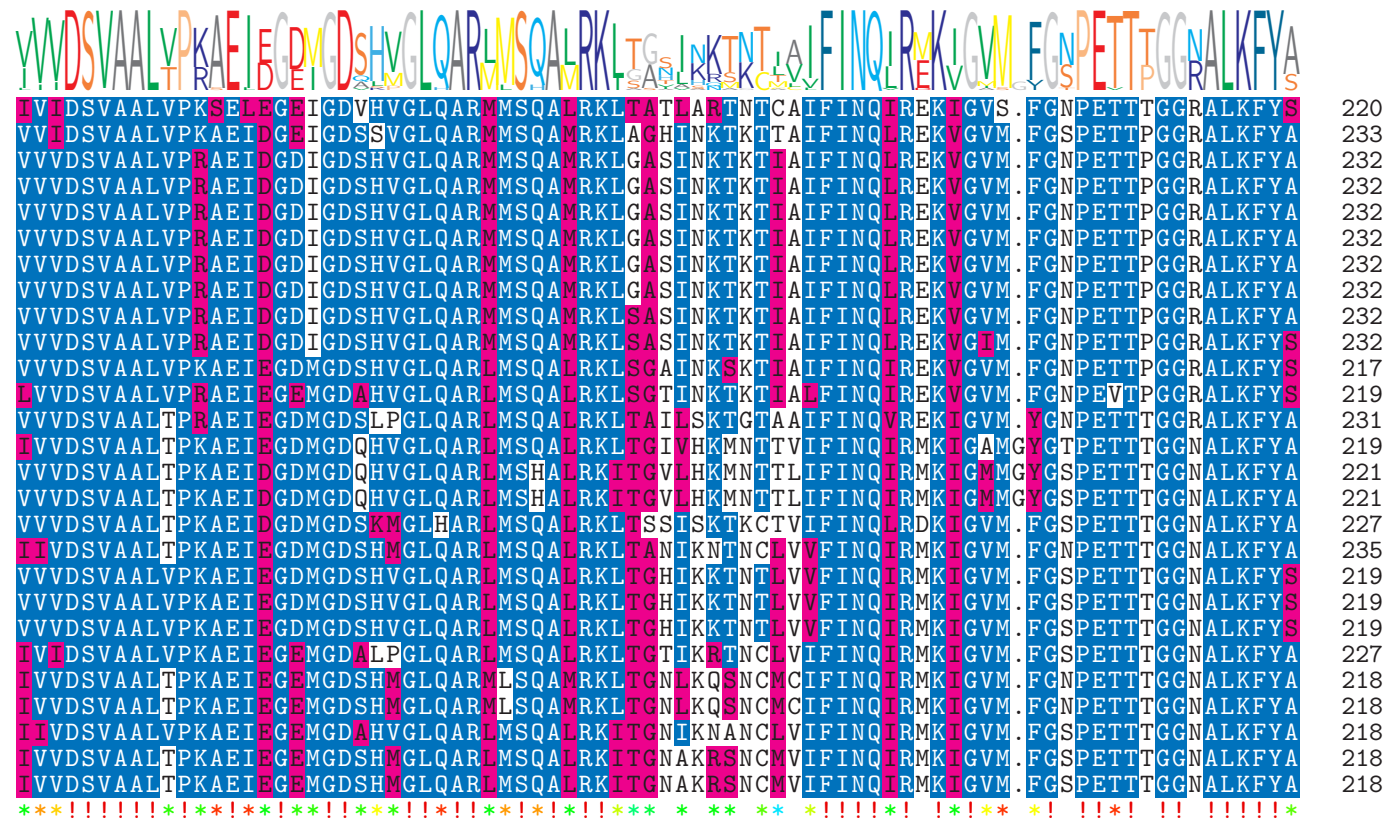
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NTDB id 1214 NCTC11637 00359 SQJ03206.1
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NTDB id 1123 OK783 RS03845 WP 003688695.1
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NTDB id 1074 ABD1 RS10195 WP 000344167.1
consensus



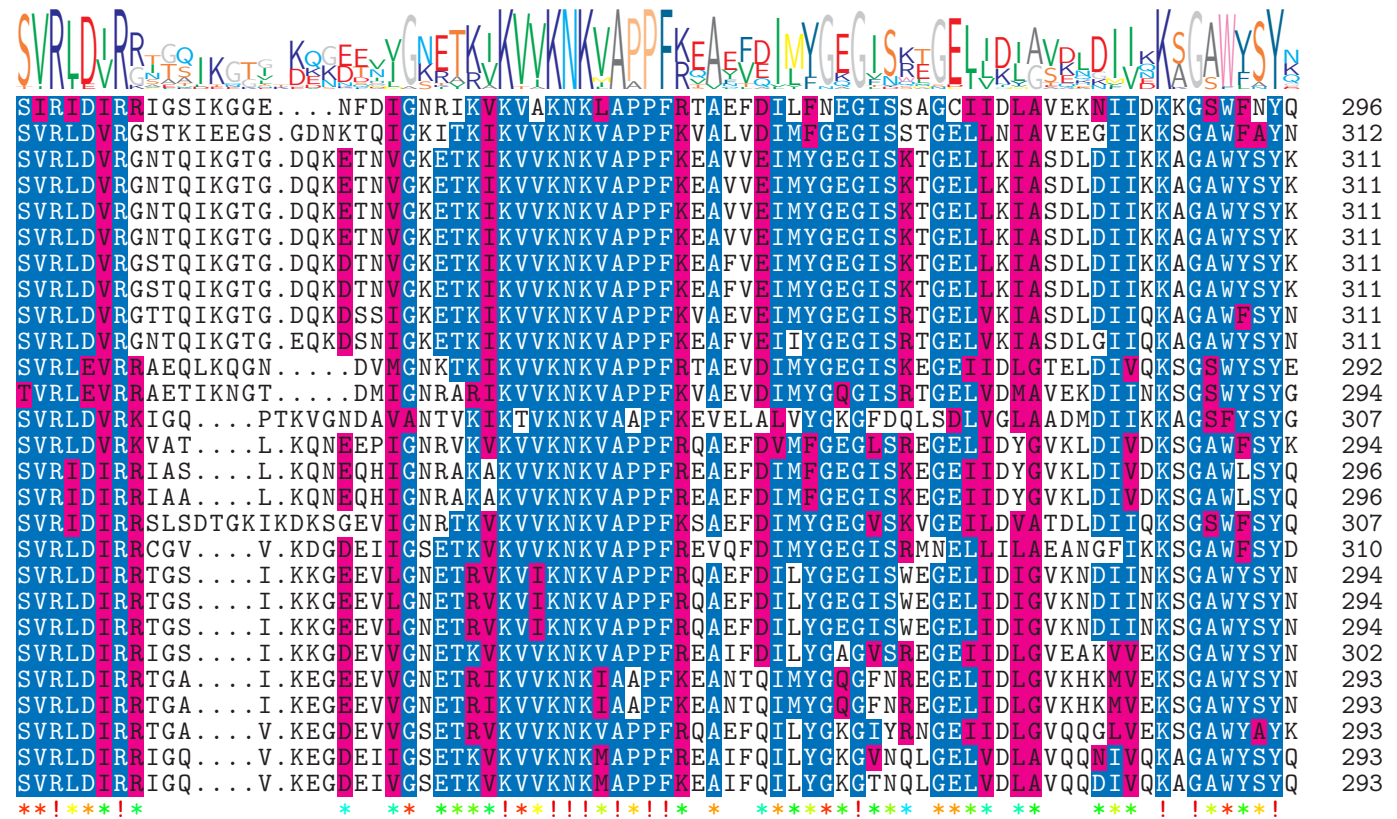
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NTDB id 1074 ABD1 RS10195 WP 000344167.1
consensus



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NTDB id 202369 BKB98 RS03535 WP 009872021.1	DRKIGQGREAVEREELKRNKEIFHELERCIYESVQASQVPAAACVDAESRQ...VA...EAAK.....	352
NTDB id 600 KW2 RS01765 WP 011675413.1	DEKIGQGAEKAKNYLKEHQDVFDDEIDHKVRAAHGLLDDSEVAETEEETTASKTAKAKKEEKAVETEEIELELED....	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	DEKIGQGSSENAKKYLAEHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE...PKKEEA..VNEEVPLDLGDELEIE	385
NTDB id 228 SPD RS09265 WP 001085462.1	DEKIGQGSSENAKKYLAEHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE...PKKEEA..VNEEVPLDLGDELEIE	385
NTDB id 194 SPR RS08825 WP 001085462.1	DEKIGQGSSENAKKYLAEHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE...PKKEEA..VNEEVPLDLGDELEIE	385
NTDB id 159 SP RS09750 WP 001085462.1	DEKIGQGSSENAKKYLAEHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE...PKKEEA..VNEEVPLDLGDELEIE	385
NTDB id 499 SM12261 RS08315 WP 078228268.1	DEKIGQGSSENAKKYLADNPEIFDEIDHQVRVQFGLIDGEEIAES...KKDE...AAQVDS..VNEEVTLDLGDELEIE	381
NTDB id 527 SMSK321 RS11065 WP 001085454.1	DEKIGQGSSENAKKYLADNPEVFAEIDHQVRVQFGLIDGEEAAES...KKDE...VAQVDS..VNEEVTLDLGDELEIE	381
NTDB id 453 Spy49 1753c ACI62003.1	GEKIGQGSSENAKKRYLADHPQLFDEIDRKVRVKFGLLEESEESAMAVASE.....E.....TDDLALDLNGIEIE	377
NTDB id 408 SMU RS09530 WP 002262392.1	GEKIGQGSSENAKKFLADNPEIFDDIDHKVRVQYGLIEEDNTEEKQSSKEK.....ETDEK..ADKNLVLELDDTIELE	382
NTDB id 115 BSU 16940 NP 389576.2	EERLGQGGRENAKQFLKENKDIMLMIQEQIREHYGLDNNGVVQQQAETQEEL.EFE.E.....	348
NTDB id 625 LCA RS02525 WP 011374196.1	SERIGQGGRENAKNYLADHEDVEDEVRLKVRRAAYGTSADVPEEDLPTTEDE.QI.NILPD DST.....EE.....	355
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NTDB id 1389 A4U84 RS07560 WP 021112712.1	GTKIGQGGKNNAVKWLKENPEIADKLEQEIRNTLASNPNS.....VLKATASDSND..ESDVVEEFSEEEL.....	372
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NTDB id 1124 NGFG RS03960 WP 003688695.1	GAKIGQGGKDNVRVWLKENPEISDEIDAKIRALNGVEMHI.....TEGT.....Q..DET DGERPEE.....	348
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NTDB id 1165 A1552VC RS01565 WP 000344154.1	GDKIGQGGKANACKY LKENPEIAKTLDKKLREMLLPENM.....QLIAETSSAAD..DVEFGAVPEEF.....	354
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consensus	***!!!!***** ** ***** ***** ** **	*

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consensus		

-  non conserved
-  similar
-  ≥ 50% conserved