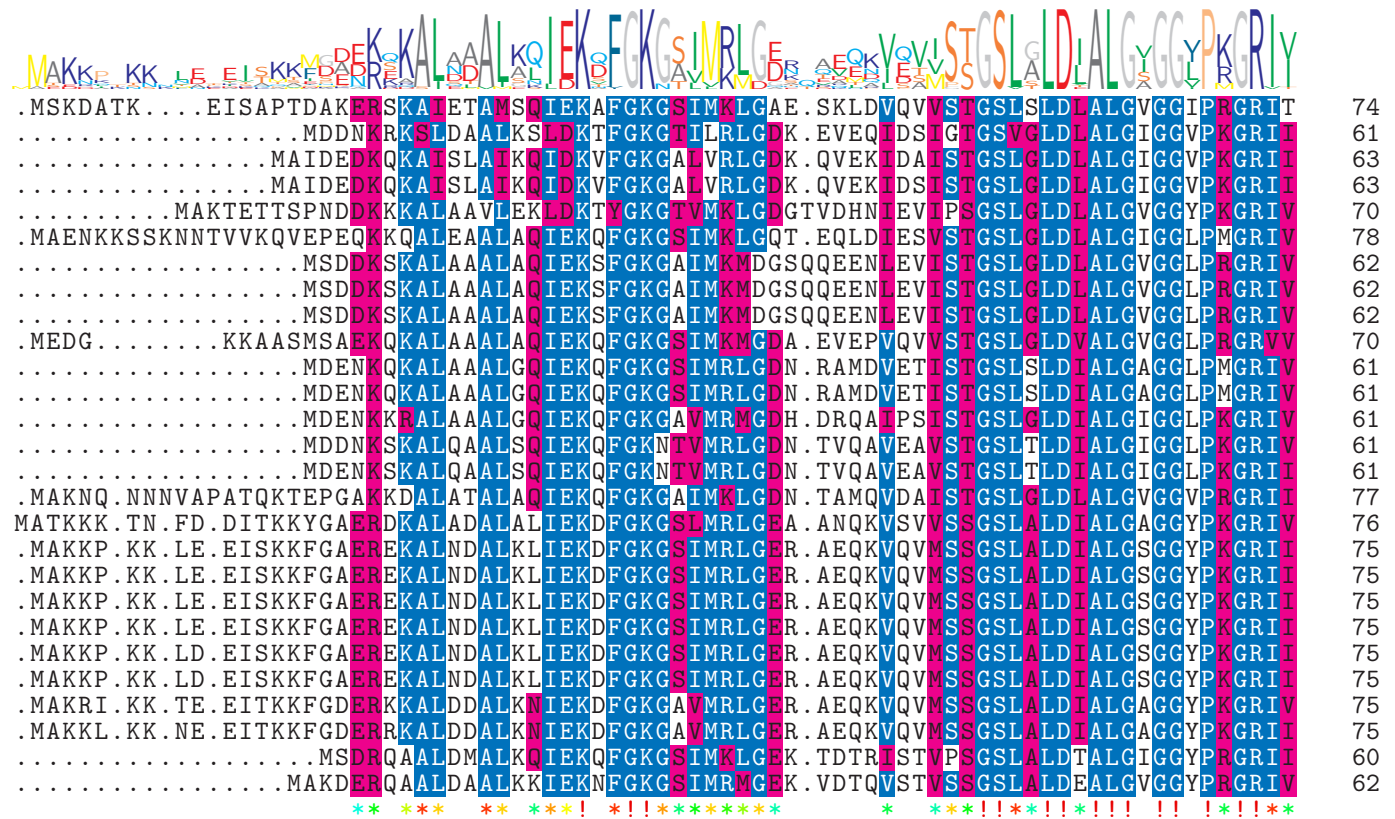


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NTDB id 1124 NGFG RS03960 WP 003688695.1
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NTDB id 1142 GTF74 RS11550 WP 000344154.1
NTDB id 1205 PSJM300 05545 AFN77183.1
NTDB id 1022 ACIAD RS06390 WP 004925639.1
NTDB id 1074 ABD1 RS10195 WP 000344167.1
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consensus

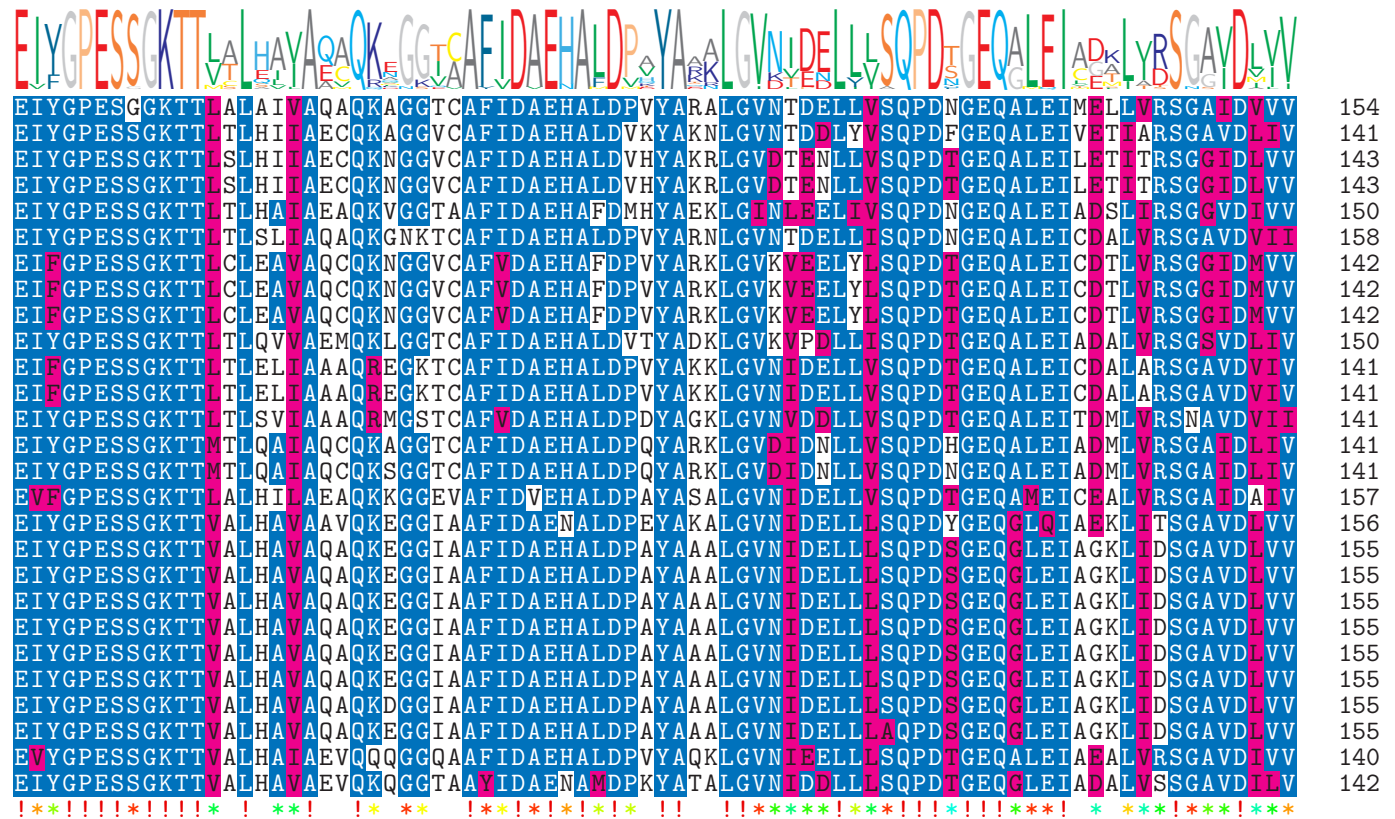
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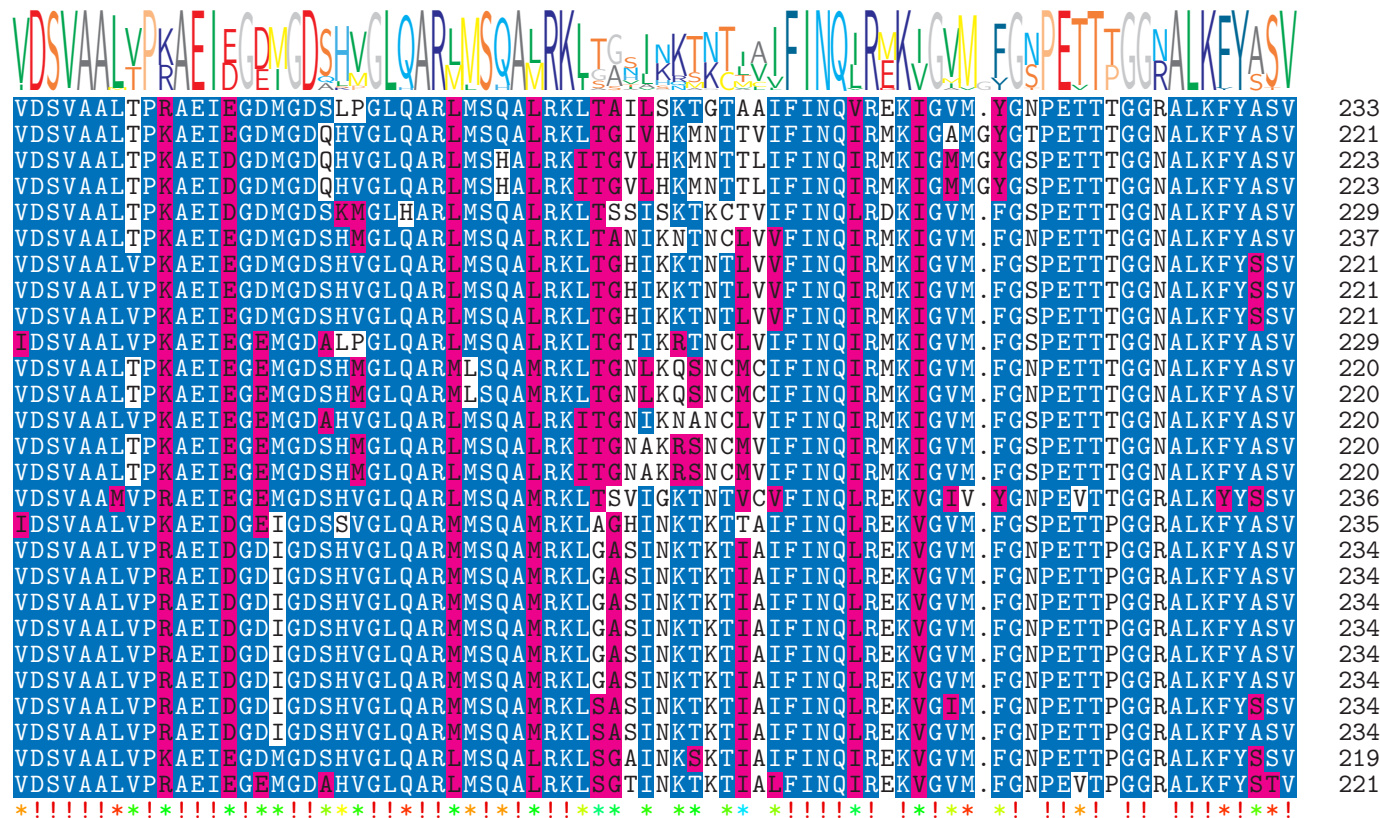
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NTDB id 194 SPR RS08825 WP 001085462.1
NTDB id 159 SP RS09750 WP 001085462.1
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NTDB id 625 LCA RS02525 WP 011374196.1
consensus

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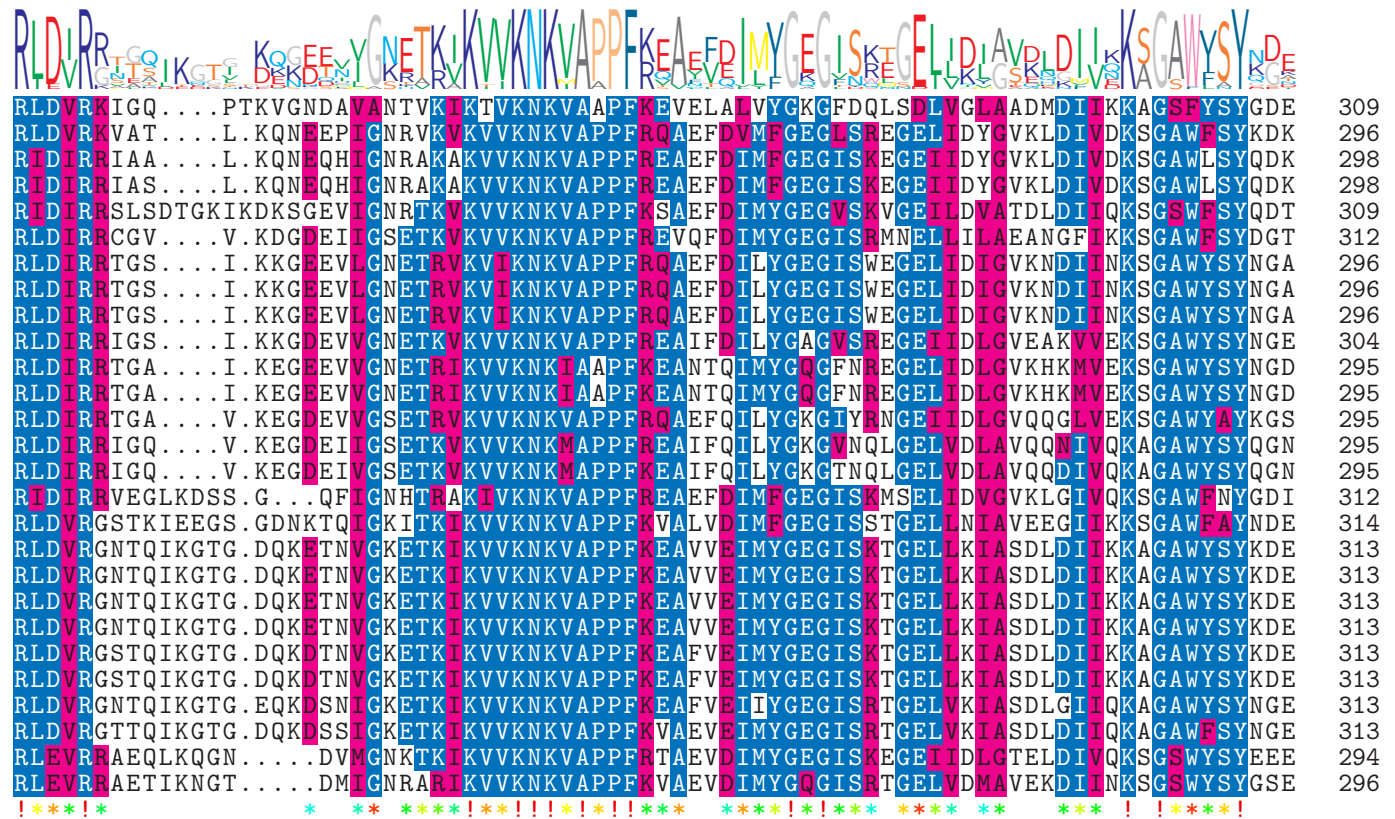
consensus



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NTDB id 115 BSU 16940 NP 389576.2
NTDB id 625 LCA RS02525 WP 011374196.1
consensus

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logo

NTDB id 1313 DR RS12030 WP 010888966.1	RIGQGKEKTIAYIAERPEMEQEIRDRVMAAIRAGNAGEAPALAPAPAAPFAAE.....A.....	363
NTDB id 1245 Cj1673c YP 002345041.1	KLGGGRENKAFLENPEIADEITKAIQNSMGIEGMISGSDEDE..GE.E.....	343
NTDB id 1214 NCTC11637 00359 SQJ03206.1	KLGGGRENAKALLKEDKALADEITLKIKESIGSNEEIMPLPDEP..LE.EME.....	347
NTDB id 1211 C694 RS00795 WP 000963128.1	KLGGGRENAKALLKEDKALADEITLKIKESIGSNEEIMPLPDEP..LE.EME.....	347
NTDB id 1334 RAOC RS04870 WP 004918236.1	KLGGGRDITVKELIKDNPELAEELEAKIREKLQAK.....	343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	KIGQGGKNNAVKWLKENPEIADKLEQEIRNTLASNPNSVLKATASDSND.ESDV...EEFSEE.....EL.	372
NTDB id 1130 NGFG RS03960 WP 003688695.1	KIGQGGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITEGT.....Q.DETD...GERPEE.....	348
NTDB id 1124 NGFG RS03960 WP 003688695.1	KIGQGGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITEGT.....Q.DETD...GERPEE.....	348
NTDB id 1123 OK783 RS03845 WP 003688695.1	KIGQGGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITEGT.....Q.DETD...GERPEE.....	348
NTDB id 1427 RS RS02760 WP 011000510.1	RIGQGRDNCREFLRENAELAREIENKVRHLGVTPMGAV.TLAEVEE.D.....	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	KIGQGGKANACKYLKENPEIAKTLDDKKLREMLLNPNMQLIAETSSAAD.DVEF...GAVPEE.....F..	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	KIGQGGKANACKYLKENPEIAKTLDDKKLREMLLNPNMQLIAETSSAAD.DVEF...GAVPEE.....F..	354
NTDB id 1205 PSJM300 05545 AFN77183.1	KIGQGGKANAACKYLEENPEIGQEIEQQIRAKLLVTSANTKATPVAEDLA.DADI.....	347
NTDB id 1022 ACIAD RS06390 WP 004925639.1	KIGQGGKNNVIRYLEENPQISTEIEAVIREQLLTKASDQTAA.HDETEE.EPDL...L..ES.....	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	KIGQGGKNNVIRYFEENNQIAEEIERNIREQLLTTGTNGAVQ.I.EDEE.EPDL...L..LES.....	349
NTDB id 1006339 ABI153 RS13035 WP 158395194.1	RLGQGRDNAKQFLKDNPEIANDIEGQIRANADKLYATRRPAGKAAAAAAEKEEGGETASASKEPVV..KAPARSSSEELD	390
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NTDB id 228 SPD RS09265 WP 001085462.1	KIGQGSENAKKYLAHPPEIFDEIDKQVRSKFGLIDGEEVSEQDTEN...KKDE....PKKEEA..VNEEVPLDLGDELE	383
NTDB id 194 SPR RS08825 WP 001085462.1	KIGQGSENAKKYLAHPPEIFDEIDKQVRSKFGLIDGEEVSEQDTEN...KKDE....PKKEEA..VNEEVPLDLGDELE	383
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NTDB id 527 SMSK321 RS11065 WP 001085454.1	KIGQGSENAKKYLDNPEVFAEIDHQVVRVQFGLIDGEEAAES.....KKDE....VAQVDS..VNEEVTLDLGDELE	379
NTDB id 408 SMU RS09530 WP 002262392.1	KIGQGSENAKKFLADNPEIFDDIDHKVVRVQYGLIEEDNTEEKQSSK...EK.....ETDEK..ADKNLVLELDDTIE	380
NTDB id 453 Spy49 1753c ACI62003.1	KIGQGSENAKRYLADHPQLFDEIDRKVVRVKFGLLEESEESAMAVA...SE.....E.....TDDLALDLNGIE	375
NTDB id 115 BSU 16940 NP 389576.2	RLGQGRENAKQFLKENKDIMLMIQEQIREHYGLDNNGVVQQQAET...QEEL..EFE.E.....	348
NTDB id 625 LCA RS02525 WP 011374196.1	RIGQGRENAKNYLADHEDVEDEVRLKVRVAAAYGISDVPEEDLPTTED...E.QI..NILPDDST.....EE.....	355
consensus	**!!** * * * * *	

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NTDB	id	1245	Cj	1673c	YP	002345041.1		343
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NTDB	id	1389	A4U84	RS07560	WP	021112712.1		372
NTDB	id	1130	NGFG	RS03960	WP	003688695.1		348
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consensus								

-  non conserved
-  similar
-  $\geq 50\%$ conserved