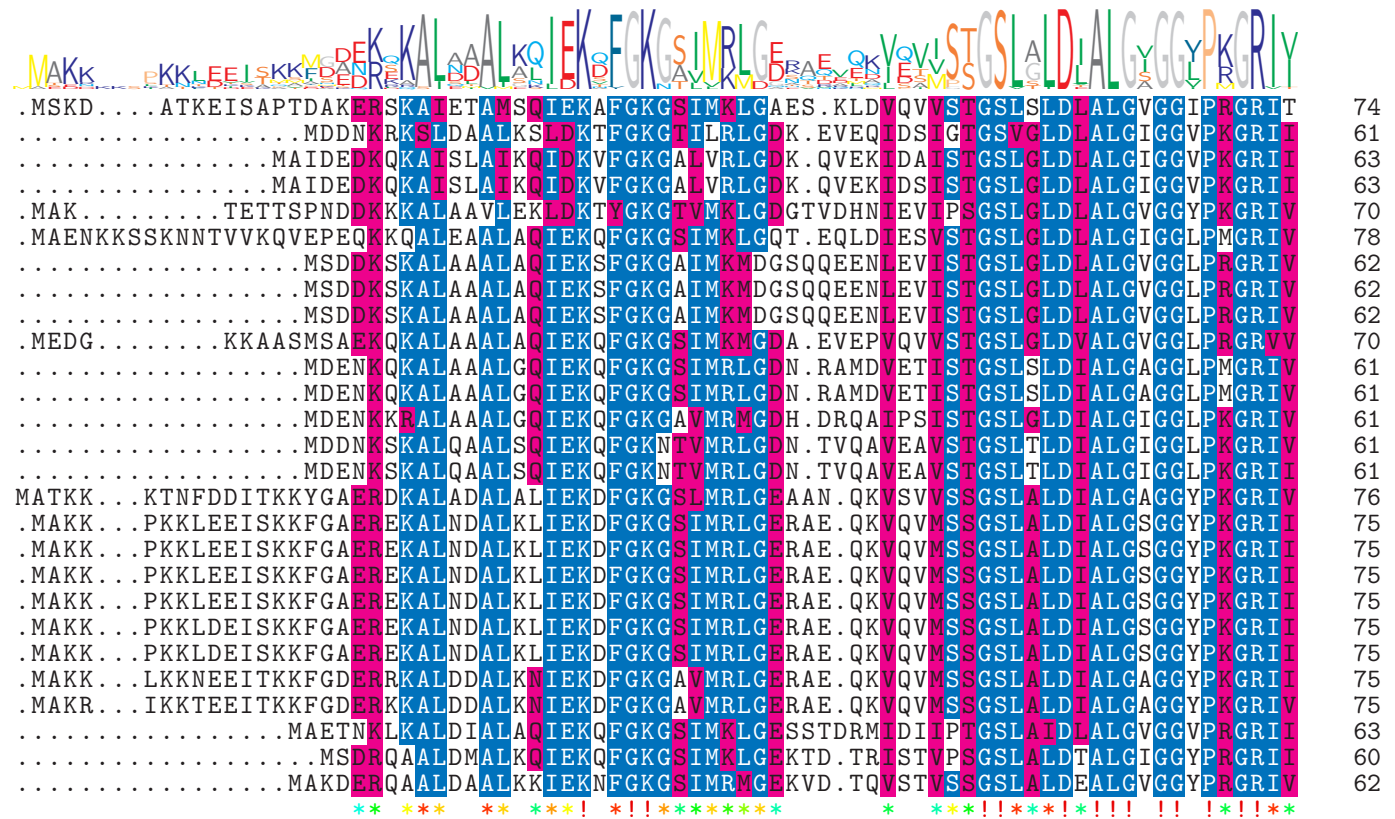


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NTDB id 1334 RAOc RS04870 WP 004918236.1
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NTDB id 1130 NGFG RS03960 WP 003688695.1
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NTDB id 1123 OK783 RS03845 WP 003688695.1
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consensus

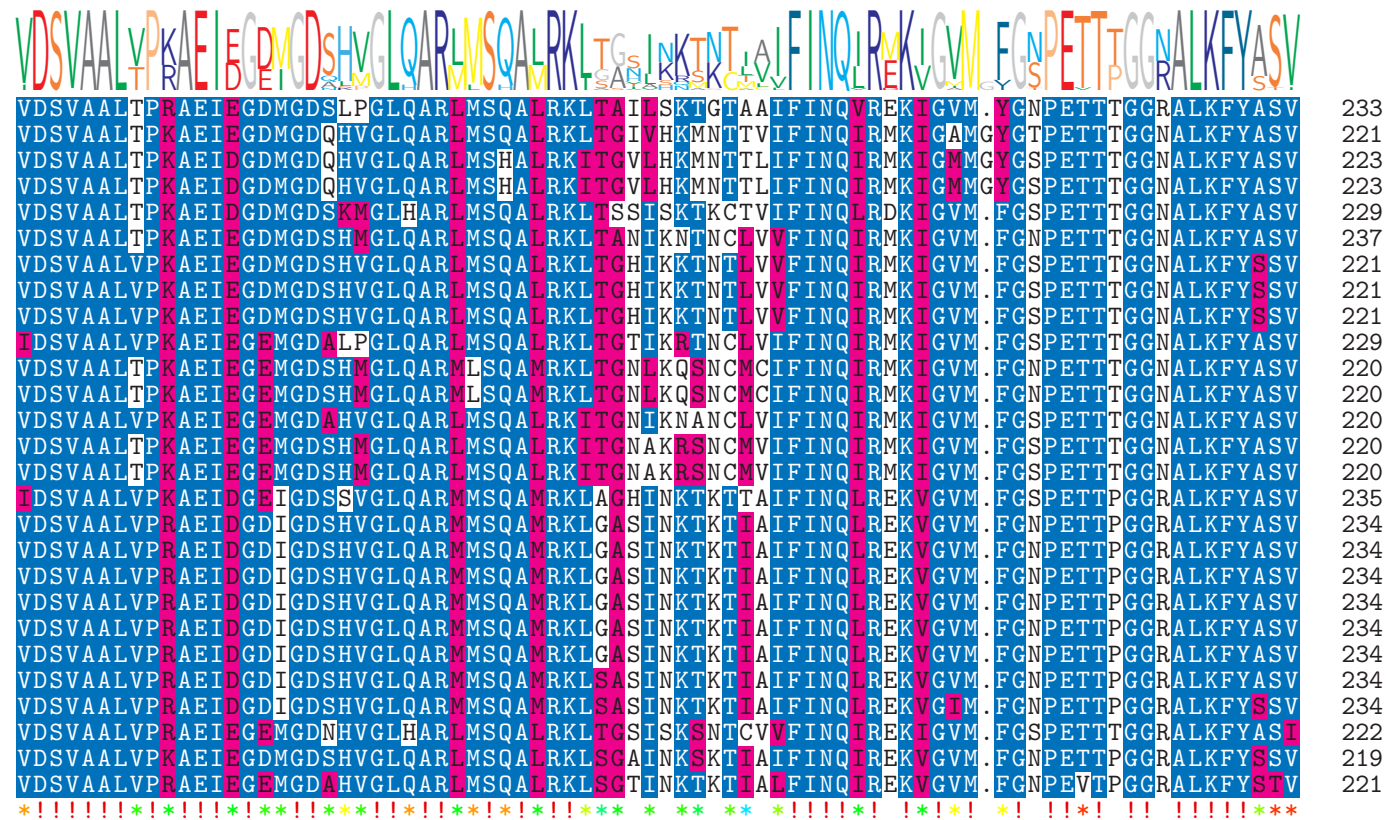
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NTDB id 625 LCA RS02525 WP 011374196.1
consensus

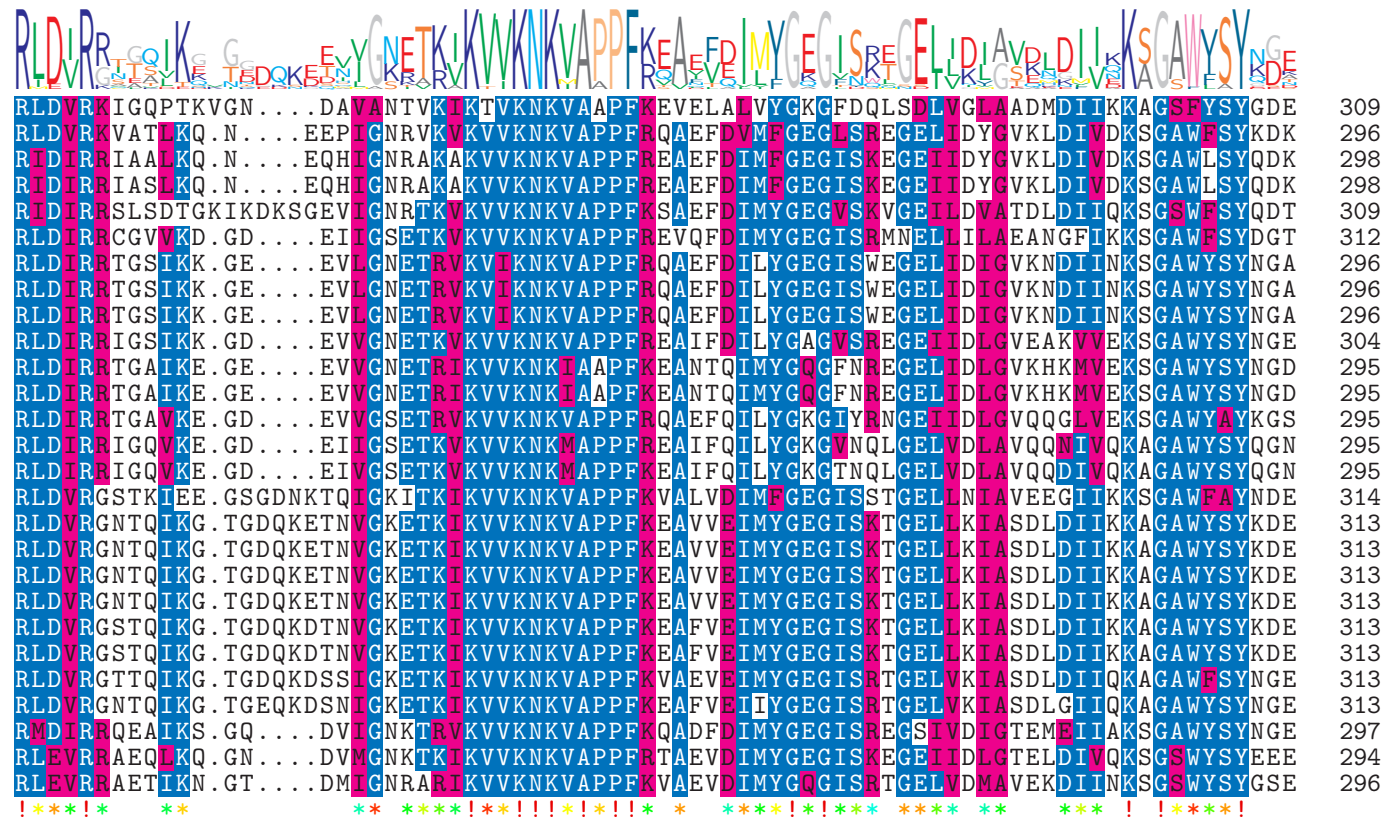
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NTDB id 115 BSU 16940 NP 389576.2
NTDB id 625 LCA RS02525 WP 011374196.1
consensus

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NTDB id 1313 DR RS12030 WP 010888966.1	RIGQGKEKTIAYIAERPMEQEIRDRVMAAIRAGNAGEAPALAPAPAA.P.....EAAEA.....	363
NTDB id 1245 Cj1673c YP 002345041.1	KLGGGRENKAFLENPEIADEITKAIQNSMGIEGMISGSSEDE.GEE.....	343
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NTDB id 1334 RAOC RS04870 WP 004918236.1	KLGGGRDITVKELIKDNPELAEELEAKIREKLQAK.....	343
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NTDB id 1427 RS RS02760 WP 011000510.1	RIGQGRDNCREFLRENAELAREIENKVRHLGVTPMGAV.TLAEEVEED.....	352
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NTDB id 1142 GTF74 RS11550 WP 000344154.1	KIGQGGKANACKYLKENPEIAKTLDDKKLREMLLNPNMQLIAETSSAADVVEFGAVPEE.....F.....	354
NTDB id 1205 PSJM300 05545 AFN77183.1	KIGQGGKANAAYLEENPEIGQEIEQQIRAKLLVTSANTKATPVAEDLADADI.....	347
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NTDB id 228 SPD RS09265 WP 001085462.1	KIGQGSENAKKYLAEHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE....PKKEEA..VNEEVPLDLGDELEIEIE	387
NTDB id 194 SPR RS08825 WP 001085462.1	KIGQGSENAKKYLAEHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE....PKKEEA..VNEEVPLDLGDELEIEIE	387
NTDB id 159 SP RS09750 WP 001085462.1	KIGQGSENAKKYLAEHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE....PKKEEA..VNEEVPLDLGDELEIEIE	387
NTDB id 527 SMSK321 RS11065 WP 001085454.1	KIGQGSENAKKYLAENPEVFAEIDHQVRVQFGLIDGEEAAE....SKKDE....VAQVDS..VNEEVTLDLGDELEIEIE	383
NTDB id 499 SM12261 RS08315 WP 078228268.1	KIGQGSENAKKYLAENPEIFDEIDHQVRVQFGLIDGEEIAE....SKKDE....AAQVDS..VNEEVTLDLGDELEIEIE	383
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NTDB id 408 SMU RS09530 WP 002262392.1	KIGQGSENAKKFLADNPEIFDDIDHKVVRVQYGLIEDNTEEKQSSKEK.....ETDEK..ADKNLVLELDDTIELED.	383
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NTDB id 625 LCA RS02525 WP 011374196.1	RIGQGRENAKNYLADHEDVEDEVRLKVRAYGISDVPPEEDLPTTEDE.QINIL.PDDS.....TEE.....	355
consensus	**!!!!***** ** * *** ***** ** *	

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NTDB	id	1313	DR	RS12030	WP	010888966.1	.	363
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NTDB	id	1334	RAOC	RS04870	WP	004918236.1	.	343
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NTDB	id	159	SP	RS09750	WP	001085462.1	E	388
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NTDB	id	625	LCA	RS02525	WP	011374196.1	.	355
consensus								

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