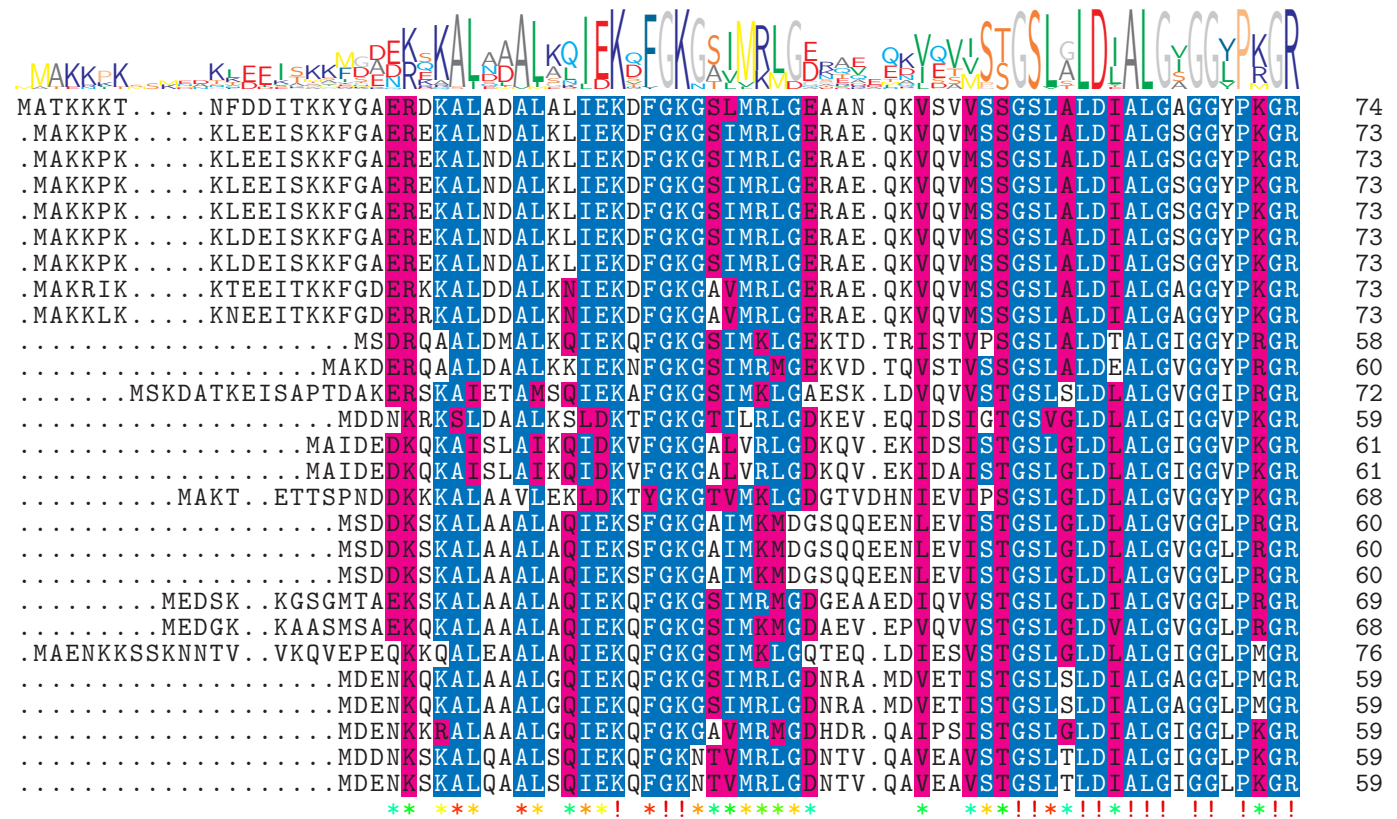


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consensus

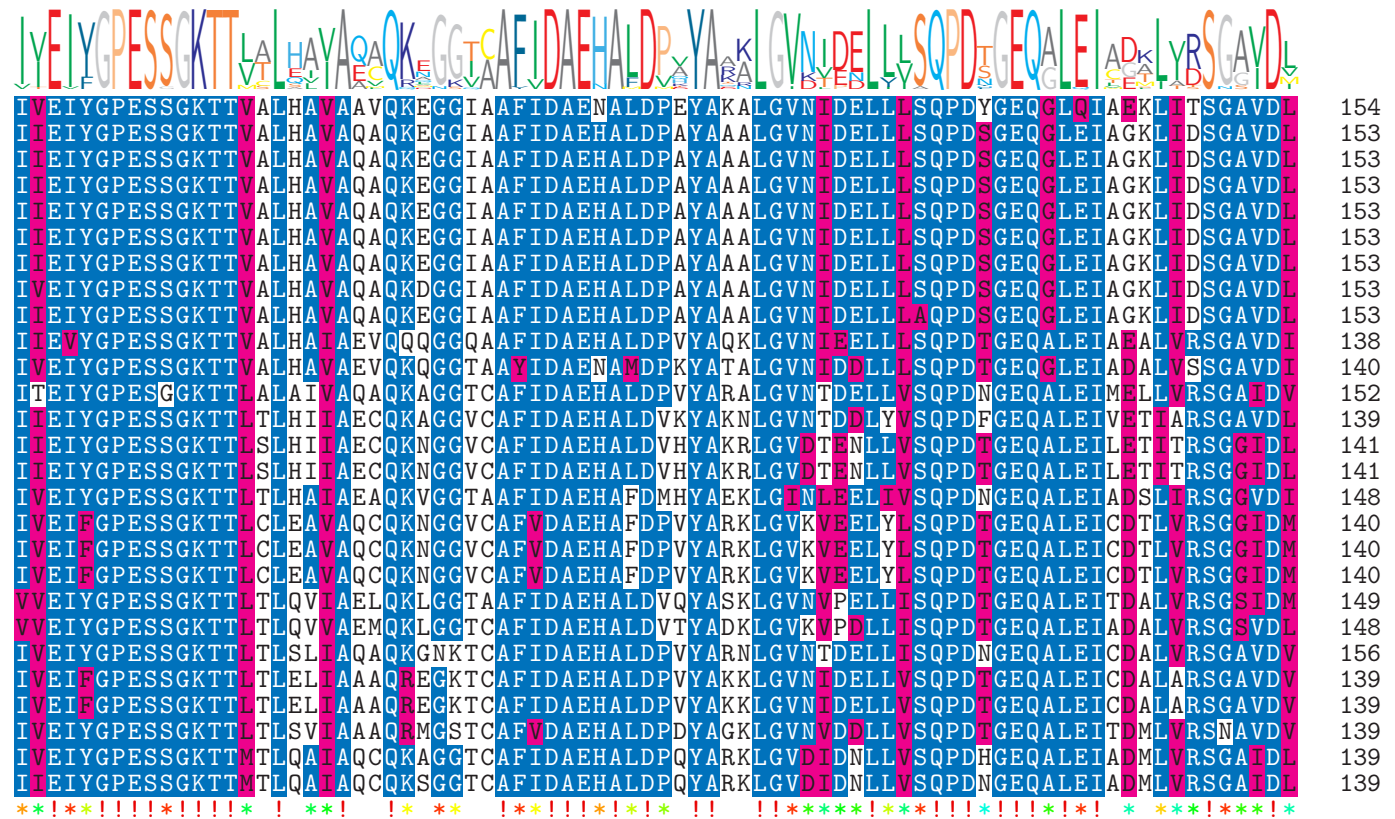
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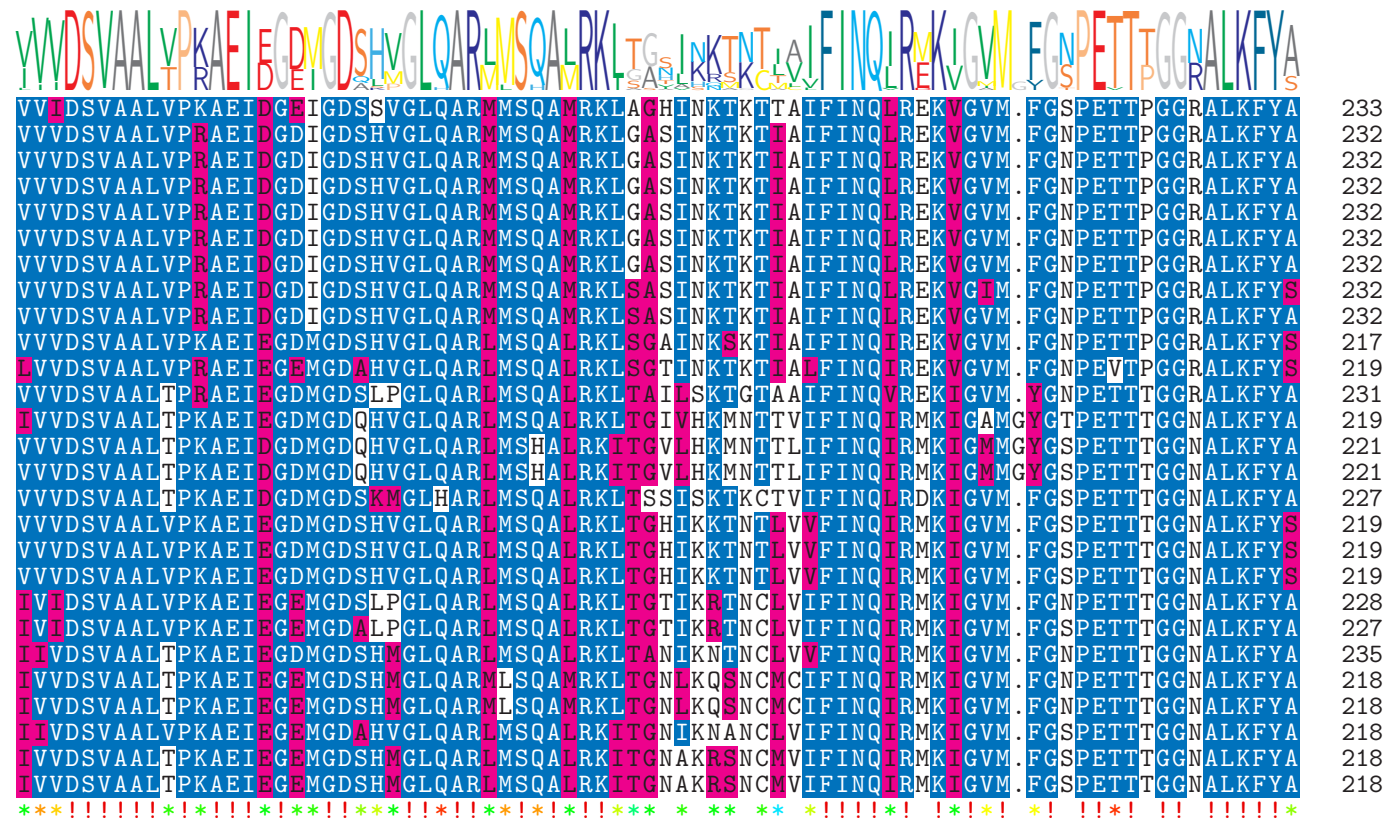
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consensus

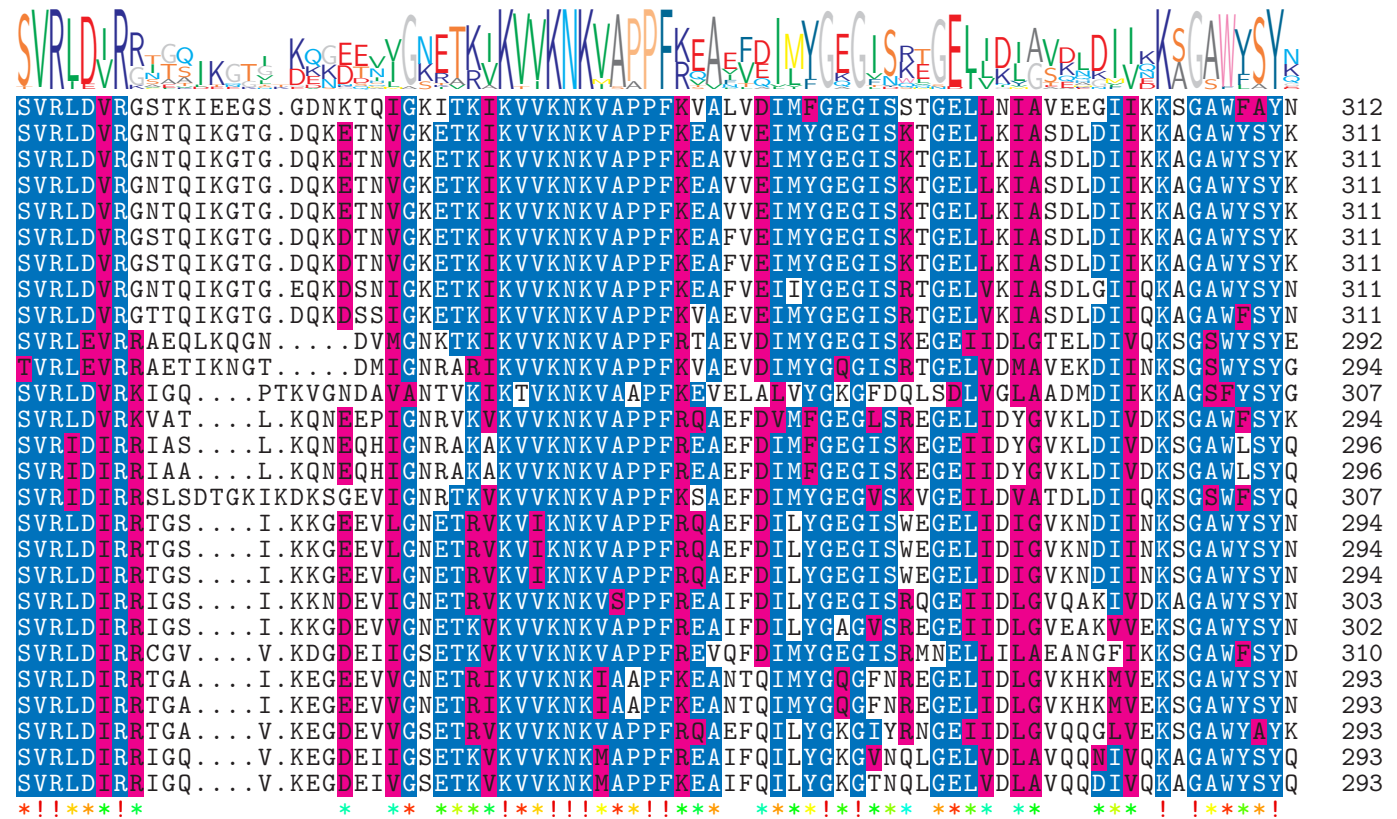
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NTDB id 1022 ACIAD RS06390 WP 004925639.1
NTDB id 1074 ABD1 RS10195 WP 000344167.1
consensus

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NTDB id 600 KW2 RS01765 WP 011675413.1	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
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NTDB id 408 SMU RS09530 WP 002262392.1	GEKIGQGS	ENAKKFLADNPEIF	DDIDHKVRVQYGL	IEDNTEEKQSSKE	ETDEK	..ADKNLVLELDD	TIELE	382
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NTDB id 115 BSU 16940 NP 389576.2	EERLGQGR	ENAKQFLKENKDI	MLMIQEIQIREHY	GLDNNGVVQQAEET	QEEL.EFE.E.....			348
NTDB id 625 LCA RS02525 WP 011374196.1	SERIGQGR	ENAKNYLADHEDVE	DEVRLKVRAAYG	ISDVPEEDLPTTE	DE.QI.NILPDDST	EE.....		355
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NTDB id 1211 C694 RS00795 WP 000963128.1	DKKLGGGR	ENAKALLKEDKAL	ADEITLKI	KESIGSNEEIM....	PLPDE..PLE..	EME.....		347
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NTDB id 1334 RAOC RS04870 WP 004918236.1	DTKLGGGR	DTVVKELIKDNPE	LAELEAKIREKLQ	AK.....				343
NTDB id 1130 NGFG RS03960 WP 003688695.1	GAKIGQGD	NVRVWLKENPEIS	DEIDAKIRALNG	VEMHIT.....	EGTQDET	DG...ER...PEE		348
NTDB id 1124 NGFG RS03960 WP 003688695.1	GAKIGQGD	NVRVWLKENPEIS	DEIDAKIRALNG	VEMHIT.....	EGTQDET	DG...ER...PEE		348
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NTDB id 1165 A1552VC RS01565 WP 000344154.1	GDKIGQGN	KANACKYLVKENPEI	AKTLDKKLREML	LNPNENMQ....	LIAETSSAAD..	DVEFGAVPEEF		354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	GDKIGQGN	KANACKYLVKENPEI	AKTLDKKLREML	LNPNENMQ....	LIAETSSAAD..	DVEFGAVPEEF		354
NTDB id 1205 PSJM300 05545 AFN77183.1	GSKIGQGN	KANAAYLEENPEI	GIEQQIRAKLL	ITSANT....KATP	VAEDLA..DADI			347
NTDB id 1022 ACIAD RS06390 WP 004925639.1	GNKIGQGN	KNNVIRYLEENP	QISTEIEAVIRE	QLLT	KASDQ....TAA	.HDETEE..EPDLL	..ES.....	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	GNKIGQGN	KNNVIRYFEENN	QIAEEIERNIRE	QLLT	TGTNG....AVQ	.I.EDEE..EPDLL	..LES.....	349
consensus	***!!!	*****	**	*****	*****	**	**	

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

-  non conserved
-  similar
-  ≥ 50% conserved