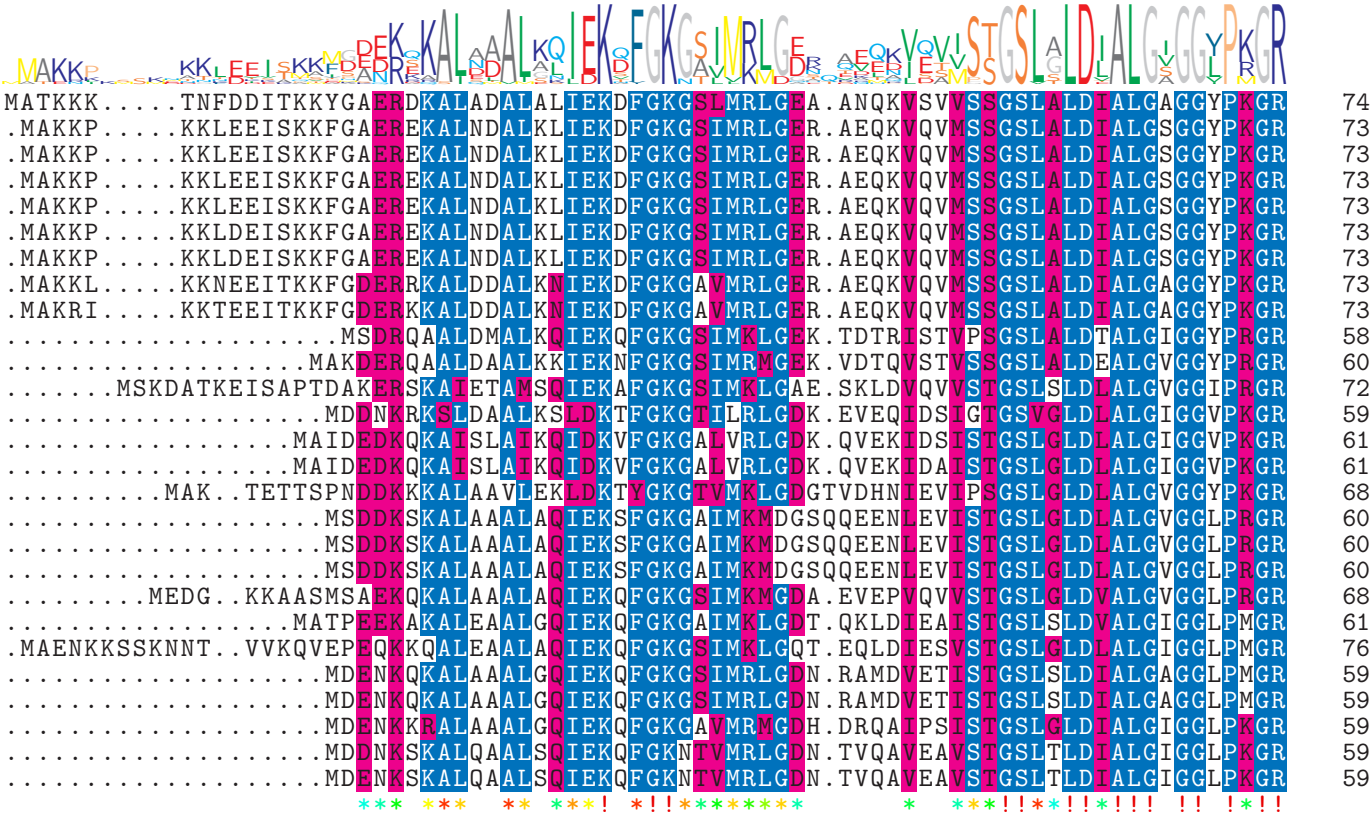


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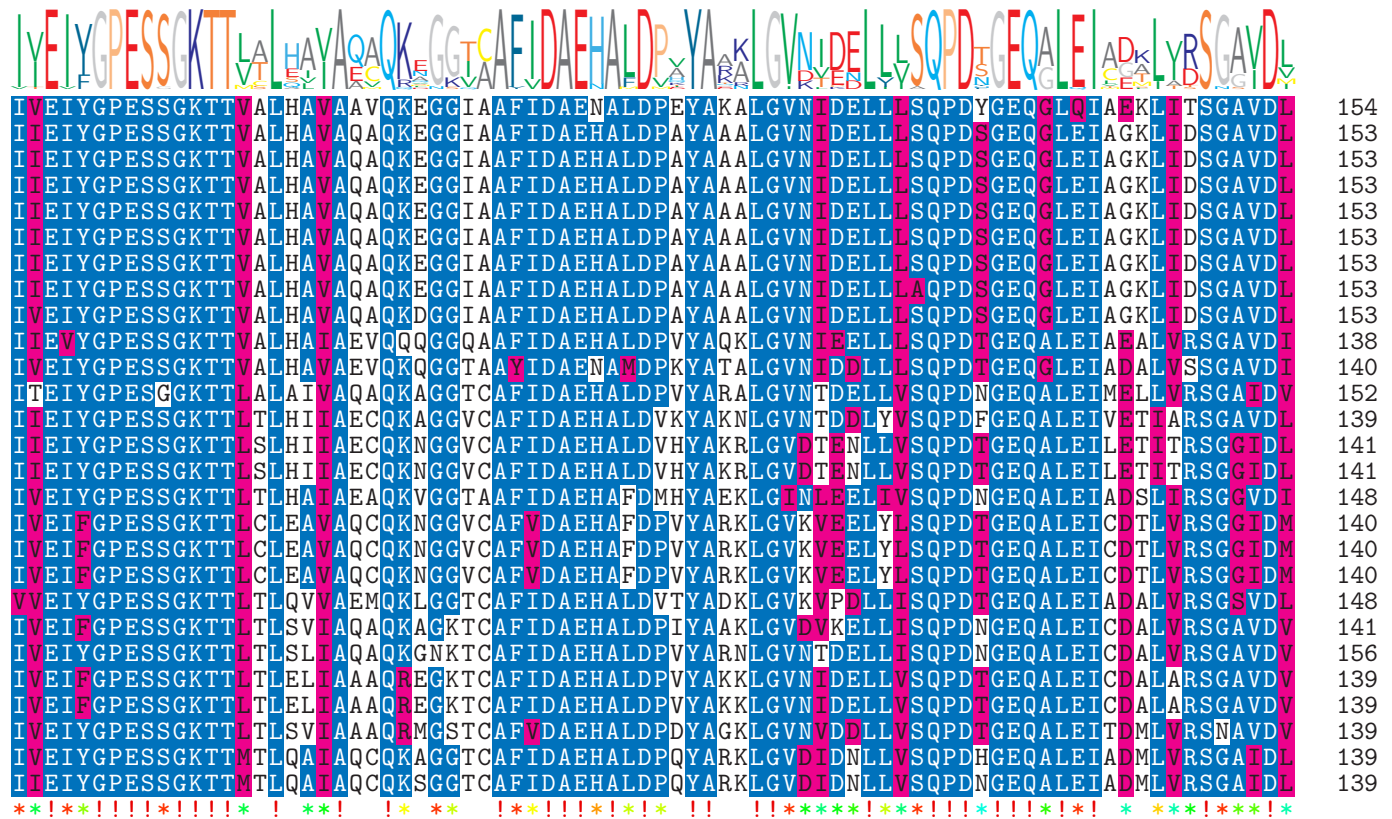
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consensus



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consensus

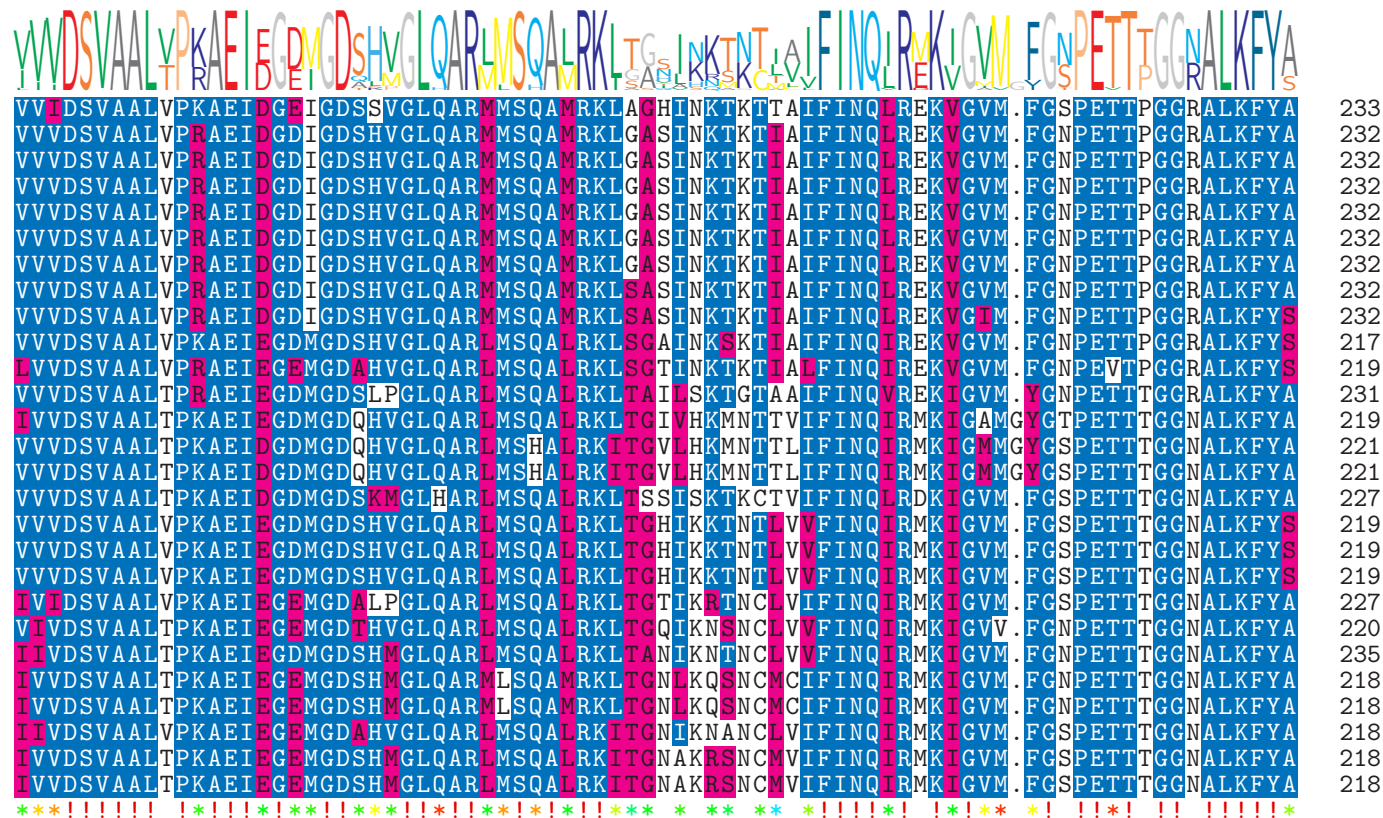
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consensus

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NTDB id 115 BSU 16940 NP 389576.2	SVRLEVRRAEQLKQGN.....	DVMGNKTKIKVVKNKVAPPFRTAEV	DIMY	GEGISKEGEIIDLGTEL	DIVQKSGSWYSYE 292						
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NTDB id 379913 FWK50 RS06830 WP 075293444.1	SVRLDIRRVGS....I.KNGDEV	IGNETRVKVVKNKVAPPFRQVDFQ	ILY	GEGISRNGELIELGV	KHKLVNKNKSGAWFSYE 295						
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NTDB id 1142 GTF74 RS11550 WP 000344154.1	SVRLDIRRTGA....I.KEGEV	VGNETRIKVVKNKIAAPFKE	ANTQIMY	GQGFNREGELIDLGV	KHKMVEKSGAWYSYN 293						
NTDB id 1205 PSJM300 05545 AFN77183.1	SVRLDIRRTGA....V.KEGDEV	VGSETRVKVVKNKVAPPFRQAEFQ	ILY	GKGIYRNGEIIDLG	VQQGLVEKSGAWYAYK 293						
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consensus	*!!**!* *	*	**	*****!*****!*****!*	*	*****!*****!*****	*****	*****	*****	*****	*****!*****!

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NTDB id 269 KZH43 RS08665 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	LIDGEEVSEQDTEN	KKDE....PKKE..EA..VNEEVPLDLGDELE		383
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NTDB id 453 Spy49 1753c ACI62003.1	GEKIGQGS	ENAKRYLADHPQLF	DEIDRKVRVKFGL	LEESEEEESAMAVASE.....E.....TDDLALDLDN	NGIE		375
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NTDB id 1211 C694 RS00795 WP 000963128.1	DKKLGGG	RENAKALLKEDKA	LADAITLKIKESIG	SNEEI.....MPLPDEPLEEME.....			347
NTDB id 1214 NCTC11637 00359 SQJ03206.1	DKKLGGG	RENAKALLKEDKA	LADAITLKIKESIG	SNEEI.....MPLPDEPLEEME.....			347
NTDB id 1334 RAOC RS04870 WP 004918236.1	DTKLGGQ	RDITVKELIKDNPE	LAELEAKIREKLQAK.....				343
NTDB id 1130 NGFG RS03960 WP 003688695.1	GAKIGQG	KDNVRVWLKENPE	ISDEIDAKIRALNG	VEMHI.....T.....EGTQDET	DGERPEE.....		348
NTDB id 1124 NGFG RS03960 WP 003688695.1	GAKIGQG	KDNVRVWLKENPE	ISDEIDAKIRALNG	VEMHI.....T.....EGTQDET	DGERPEE.....		348
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NTDB id 379913 FWK50 RS06830 WP 075293444.1	GEKIGQG	KANAMKWLAENPD	QAAVLEQKLRS	ELLANPEK.....ALLADI..EA	SEQDISGTESDF.....		355
NTDB id 1389 A4U84 RS07560 WP 021112712.1	GTKIGQG	KNNAVKWLKENPE	IADKLEQEI	RNTLASNPNS.....VLKATA..SDS	NDES...DVEEFSEEL.....		372
NTDB id 1165 A1552VC RS01565 WP 000344154.1	GDKIGQG	KANACKYLVKENPE	IAKTLDKKLREML	LNPNENM.....QLIAETSSA	ADDVEFGAVPEEF.....		354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	GDKIGQG	KANACKYLVKENPE	IAKTLDKKLREML	LNPNENM.....QLIAETSSA	ADDVEFGAVPEEF.....		354
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NTDB id 1074 ABD1 RS10195 WP 000344167.1	GNKIGQG	KNNVIRYFEENN	QIAEEIERNIREQL	LT	TGTN.....GAVQ..I.EDEEE	PDLL..LES.....	349
consensus	***!!!	*****	**	*****	*****	**	**

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NTDB id 269 KZH43 RS08665 WP 001085462.1	IEIEE	388
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NTDB id 1205 PSJM300 05545 AFN77183.1		347
NTDB id 1022 ACIAD RS06390 WP 004925639.1		349
NTDB id 1074 ABD1 RS10195 WP 000344167.1		349

consensus

 non conserved
 similar
 ≥ 50% conserved