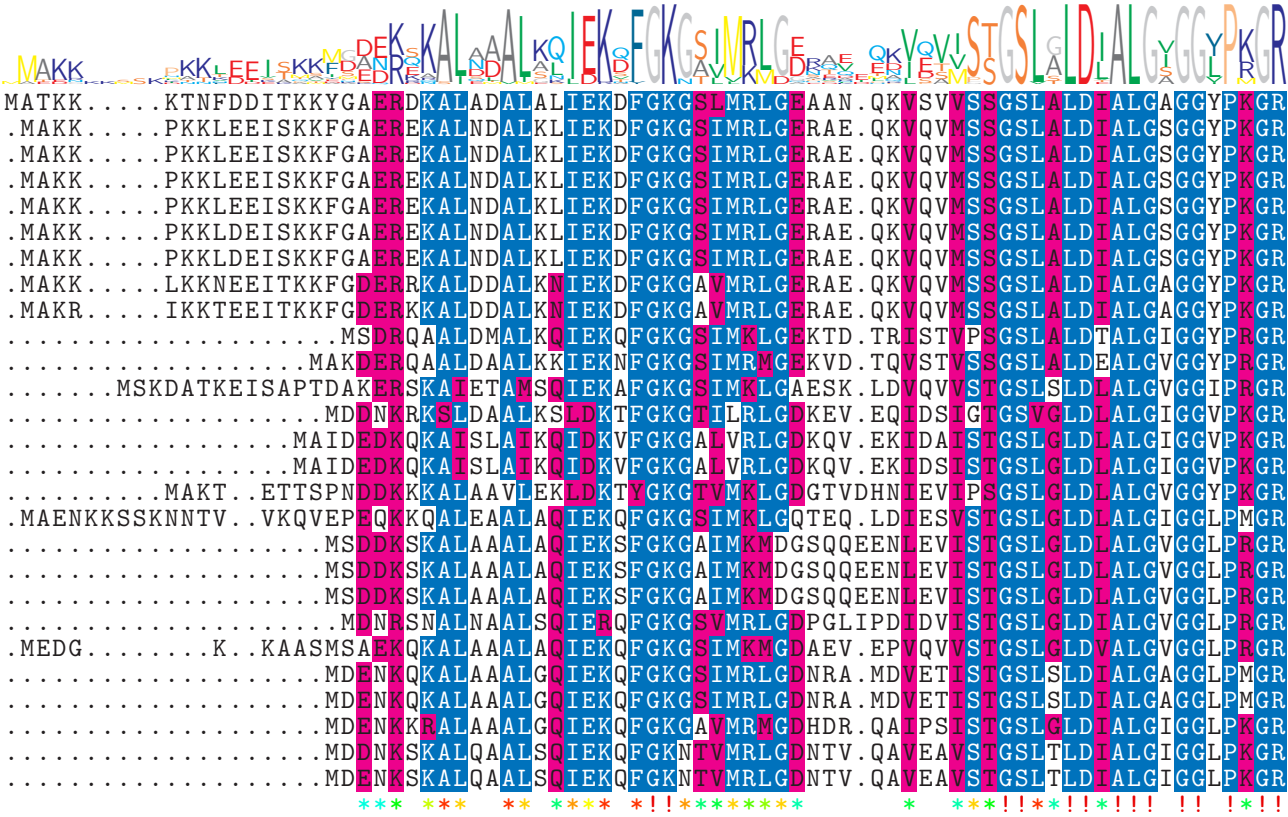


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consensus

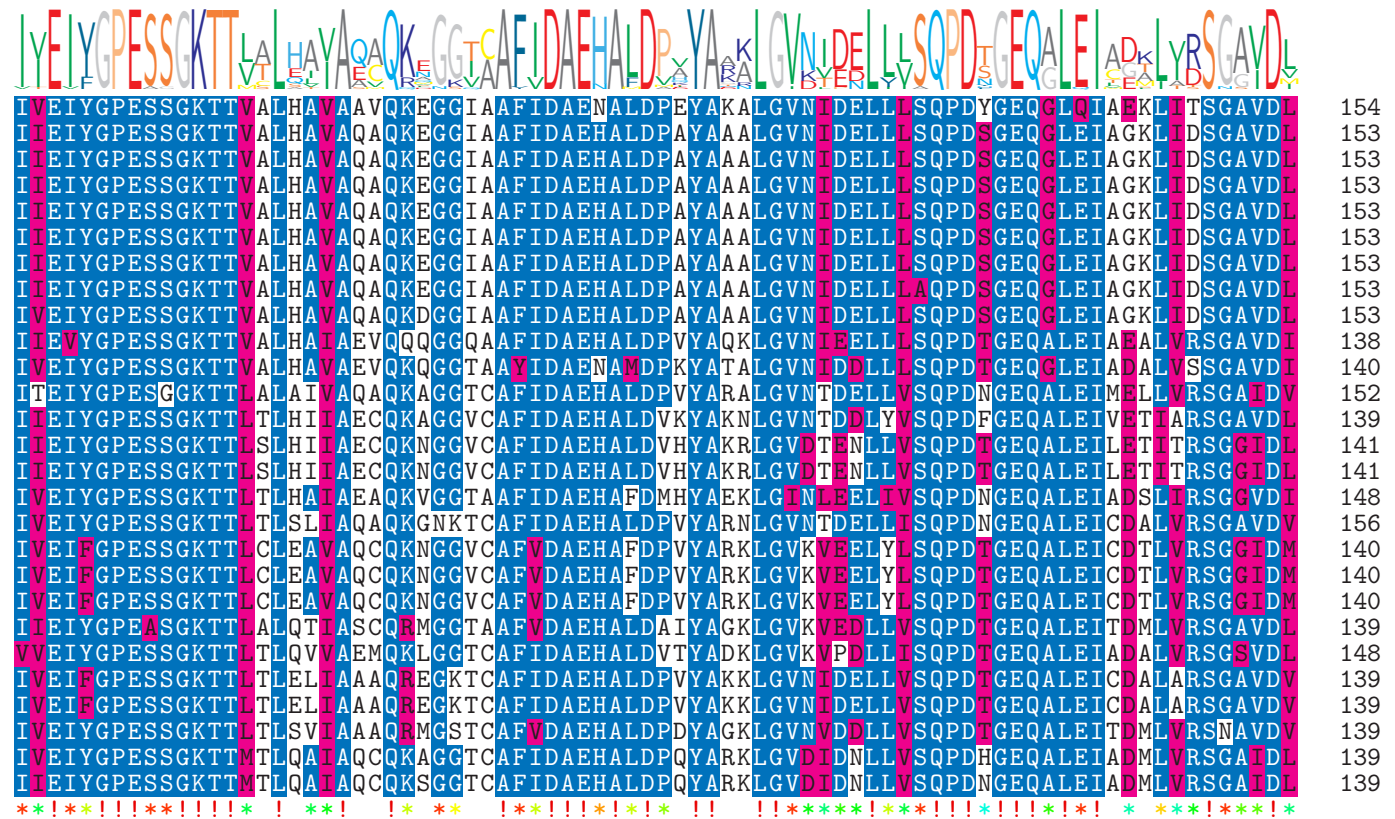


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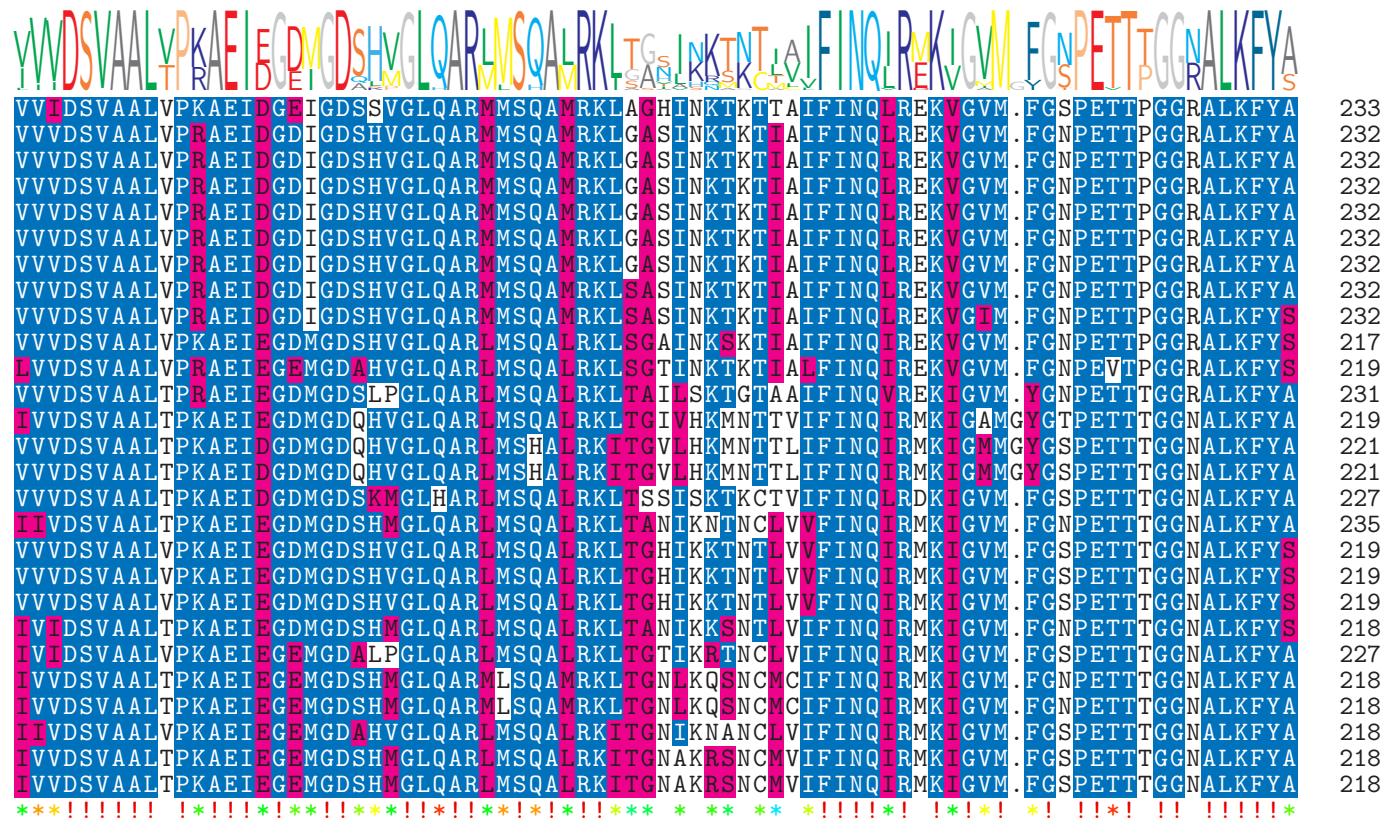
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consensus

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consensus



logo

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NTDB id 453 Spy49 1753c ACI62003.1	SVRLDVRGTTQIKGTG.DQKDS	IGKETKIKVVKNKVAPPFKEA	EV	EIMY	GEGISRTGELVKIASDLDI	IKKAGAWFSYN 311					
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NTDB id 1245 Cj1673c YP 002345041.1	SVRLDVRKVAT....L.KQNEEP	IGNRVKIKVVKNKVAPPFRQAEF	D	VMF	GEGLSREGELIDYG	VKLDIVDKSGAWFSYK 294					
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consensus	*!!**!*~	*	**	*****!*****!!*!!*!!*~	*	*****!~!*****	*****	***	***	!~!*****!	

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Sequence	Score
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DEKIGQGS ⁺ ENAK ⁺ KYLA ⁺ EHPEIF ⁺ DEID ⁺ KQV ⁺ RSKF ⁺ GL ⁺ IDGEEVSEQDTENK.KDE....PKKEEA..VNEEVPLDLGDELEI	384
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GEKIGQGS ⁺ ENAK ⁺ RYLAD ⁺ HPQLF ⁺ DEID ⁺ RKV ⁺ RVKF ⁺ GL ⁺ LEESEESAMAVAS.E.....E.....TDDLALDLNGIEI	376
GEKIGQGS ⁺ ENAK ⁺ KFLAD ⁺ NPEIF ⁺ DDID ⁺ HKV ⁺ RVQY ⁺ GL ⁺ IEEDNTEEKQSSKE.K.....ETDEK..ADKNLVLELDDTIEL	381
EE ⁺ RL ⁺ GQGR ⁺ ENAK ⁺ QFL ⁺ KEN ⁺ KDIMLMIQE ⁺ QIREHY ⁺ GL ⁺ DNNGVVQQAEETQ.EEL.EFE.E.....	348
SERIGQGR ⁺ ENAK ⁺ NYLAD ⁺ HDVE ⁺ DEV ⁺ RLK ⁺ VRAAY ⁺ GIS ⁺ DVPEEDLPTTEDE..QI.NILPDDST....EE.....	355
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DKKL ⁺ GQGR ⁺ ENSKA ⁺ FL ⁺ KENPEIA ⁺ DEITKAIQNSMG ⁺ IEGMISGSE..DDE..GEE.....	343
DKKL ⁺ GQGR ⁺ ENAK ⁺ ALL ⁺ KEDKALADEITLKIKESIG ⁺ SNEEIMPLP..DEP..LEEME.....	347
DKKL ⁺ GQGR ⁺ ENAK ⁺ ALL ⁺ KEDKALADEITLKIKESIG ⁺ SNEEIMPLP..DEP..LEEME.....	347
DTKL ⁺ GQGR ⁺ DTV ⁺ KEL ⁺ IKDN ⁺ PELA ⁺ EEL ⁺ EAK ⁺ IREKLQAK.....	343
GTKIGQG ⁺ KNN ⁺ AVK ⁺ WL ⁺ KENPEIA ⁺ DKLE ⁺ QEIRNTLASNPNSVLKA..TASDSN ⁺ DES ⁺ DVEEF.....SEEL.....	372
GAKIGQG ⁺ KDN ⁺ RVV ⁺ WL ⁺ KENPEIS ⁺ DEIDAK ⁺ IRALNGVEMHITEGT.....QDET ⁺ DGER.....PEE.....	348
GAKIGQG ⁺ KDN ⁺ RVV ⁺ WL ⁺ KENPEIS ⁺ DEIDAK ⁺ IRALNGVEMHITEGT.....QDET ⁺ DGER.....PEE.....	348
GAKIGQG ⁺ KDN ⁺ RVV ⁺ WL ⁺ KENPEIS ⁺ DEIDAK ⁺ IRALNGVEMHITEGT.....QDET ⁺ DGER.....PEE.....	348
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GERIGQG ⁺ RDN ⁺ CRE ⁺ FLRENA ⁺ EAL ⁺ EIEN ⁺ KVREHL ⁺ GVTPMGAV.T..LAAEEVED.....	352
GDKIGQG ⁺ KAN ⁺ ACKYL ⁺ KENPEIAKT ⁺ LDKKLREMLLNPENMQLIA..ETSSAADDVEFGAV.....PEEF.....	354
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GSKIGQG ⁺ KANA ⁺ AKYLEN ⁺ PEIGQ ⁺ EIE ⁺ QQIRAKLL ⁺ YTSANTKAT..PVAEDLADADI.....	347
GNKIGQG ⁺ KNN ⁺ VIRY ⁺ LEEN ⁺ PQISTE ⁺ IEAV ⁺ IREQLLTKASDQTAA..HDETE ⁺ EEP ⁺ DLL.....ES.....	349
GNKIGQG ⁺ KNN ⁺ VIRY ⁺ FENN ⁺ QIA ⁺ EIE ⁺ ERN ⁺ IREQLLTGTNGAVQ...I.EDEE ⁺ EP ⁺ DLL.....LES.....	349

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NTDB id 600 KW2 RS01765 WP 011675413.1		387
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NTDB id 228 SPD RS09265 WP 001085462.1	EIEE	388
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NTDB id 1022 ACIAD RS06390 WP 004925639.1		349
NTDB id 1074 ABD1 RS10195 WP 000344167.1		349

consensus

 non conserved
 similar
 ≥ 50% conserved