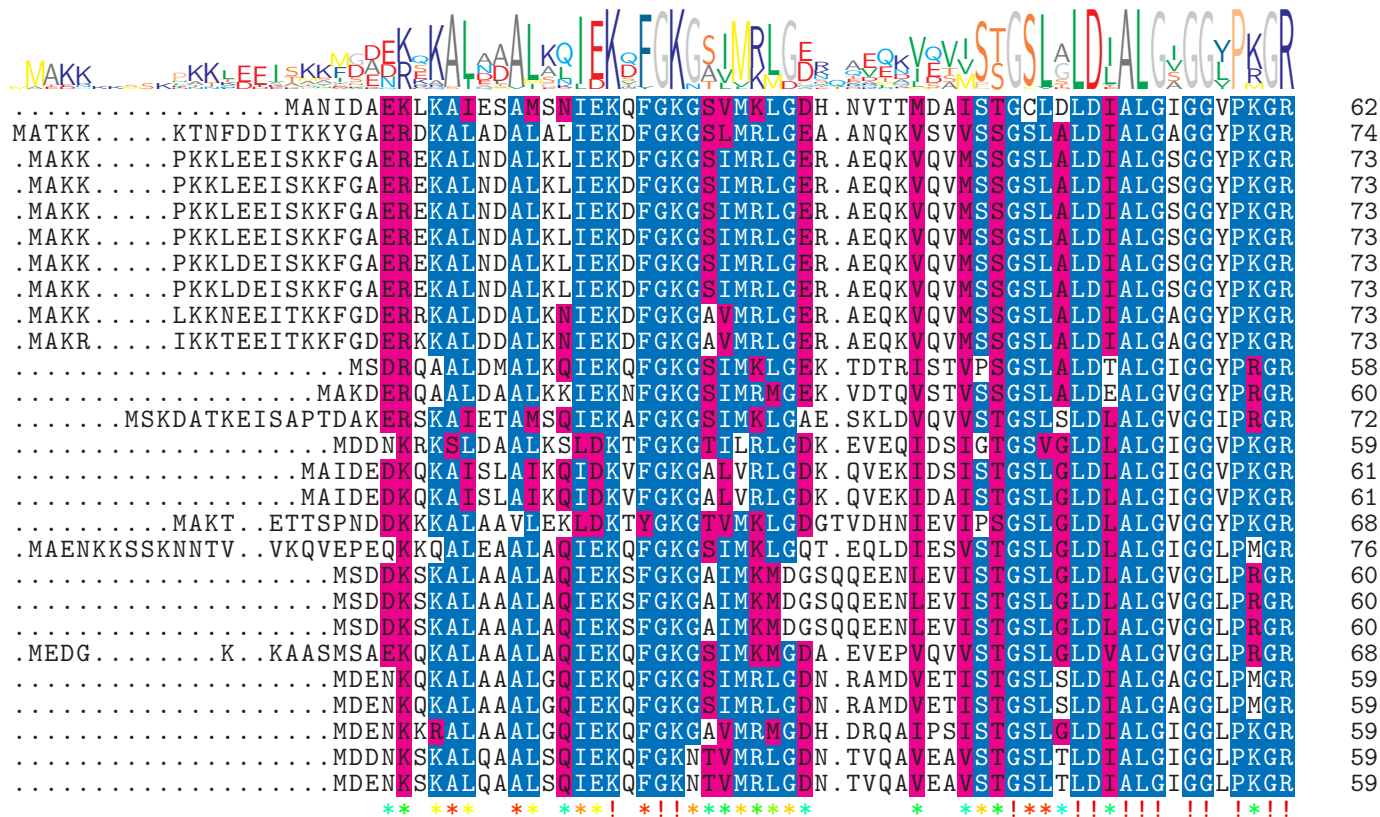


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NTDB id 1313 DR RS12030 WP 010888966.1
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NTDB id 1074 ABD1 RS10195 WP 000344167.1
consensus

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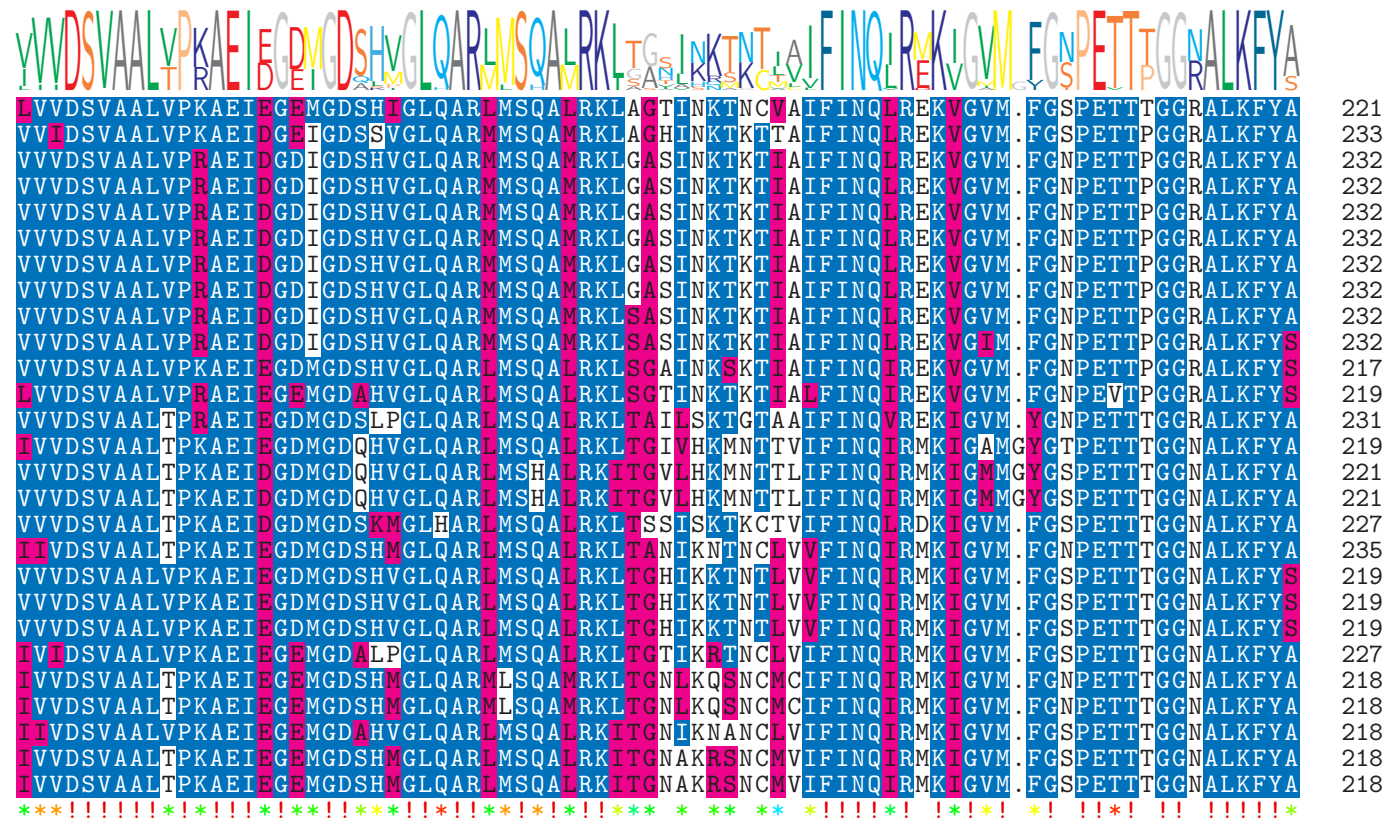
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NTDB id 600 KW2 RS01765 WP 011675413.1	IVEIYGPESSGKTTVALHAVA	154
NTDB id 269 KZH43 RS08665 WP 001085462.1	IIEIYGPESSGKTTVALHAVAQAQKEGGIAAFIDA	153
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consensus

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NTDB id 600 KW2 RS01765 WP 011675413.1	SVRLDVRGSTKIEEGS.GDNKTQ	IGKITIKVVK	NKVAPPFKVALVDIMF	GEGISSTGELLNIAVEEGI	IKKSGAWFAYN	312	
NTDB id 269 KZH43 RS08665 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVK	NKVAPPFKEAVVEIMY	GEGISKTGELLKIASDLDI	IKKAGAWYSYK	311	
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NTDB id 159 SP RS09750 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVK	NKVAPPFKEAVVEIMY	GEGISKTGELLKIASDLDI	IKKAGAWYSYK	311	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	SVRLDVRGSTQIKGTG.DQKDTN	VGKETKIKVVK	NKVAPPFKEAFVEIMY	GEGISKTGELLKIASDLDI	IKKAGAWYSYK	311	
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NTDB id 1142 GTF74 RS11550 WP 000344154.1	SVRLDIRRTGA....I.KEGE	EEVVGNETRIKVVKN	TAAPPFKEANTQIMY	GQGFNREGELIDL	GVKHKMVEK	SGAWYSYN	293
NTDB id 1205 PSJM300 05545 AFN77183.1	SVRLDIRRTGA....V.KEGE	DEVVGSETRVKVVK	NKVAPPFRQAEFQILY	GKGIYRNGEIIDLG	VQQGLVEK	SGAWYAYK	293
NTDB id 1022 ACIAD RS06390 WP 004925639.1	SVRLDIRRIGQ....V.KEGE	DEIIGSETKVVKVVK	NKMAPPFRFAEAFQILY	GKGVNQLGELVDLAV	QQNIVQK	AGAWYSYQ	293
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consensus	*!!**!* *	* ** *****!!*!!*!!*!!* *	*****!* **	***** *	*** ! !*****!		

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NTDB id 1334 RAOC RS04870 WP 004918236.1	DTKLIGQGRDTVKELIKDNPELAELEAKIREKLQAK.....	343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	GTKIGQGGKNNAVKWLKENPEIADKLEQEIRNTLASNPNS....VLKATASDSNDESVDVEE..FSEEEL.....	372
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NTDB id 1123 OK783 RS03845 WP 003688695.1	GAKIGQGGKDNVRVWLKENPEISDEIDAKIRALNGVEMHI....TEGT.....QDETGDGE..RPEE.....	348
NTDB id 1427 RS RS02760 WP 011000510.1	GERIGQGRDNCREFLRENAELAREIENKVREHLGVTPMG....AV.TLAEVEVED.....	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	GDKIGQGGKANACKYLNKENPEIAKTLDDKKLREMLLNPENM....QLIAETSSAADDVEFGA..VPEEF.....	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	GDKIGQGGKANACKYLNKENPEIAKTLDDKKLREMLLNPENM....QLIAETSSAADDVEFGA..VPEEF.....	354
NTDB id 1205 PSJM300 05545 AFN77183.1	GSKIGQGGKANAAYLEENPEIGQEIEQQIRAKLLVTSAN....TKATPVAEDLADADI.....	347
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consensus	***!!!***** ** ***** ***** ** *	

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NTDB id 365979 FF104 RS05885 WP 003415121.1 ... 359
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NTDB id 194 SPR RS08825 WP 001085462.1 IEE 388
NTDB id 159 SP RS09750 WP 001085462.1 IEE 388
NTDB id 527 SMSK321 RS11065 WP 001085454.1 IEE 384
NTDB id 499 SM12261 RS08315 WP 078228268.1 IEE 384
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consensus

 non conserved
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 ≥ 50% conserved