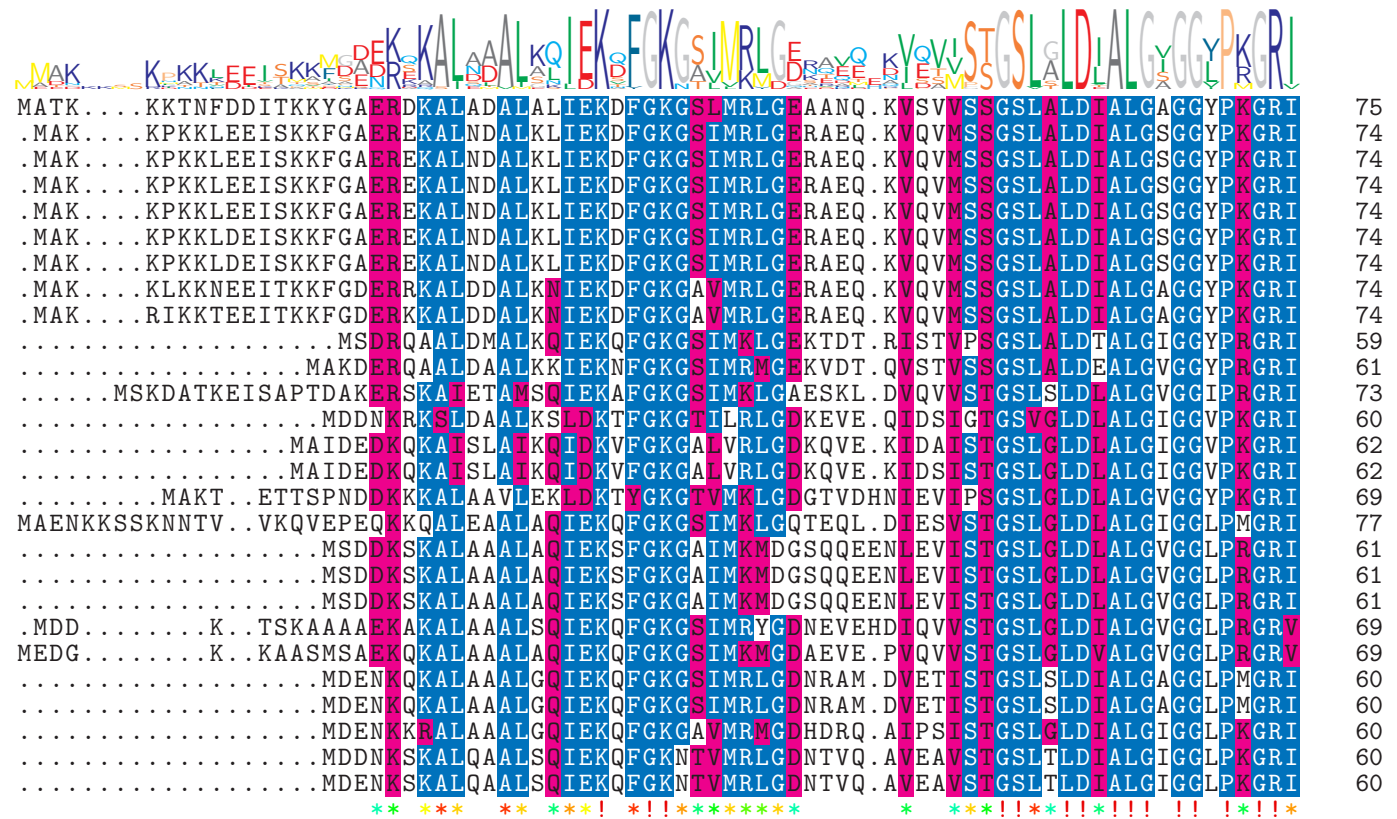


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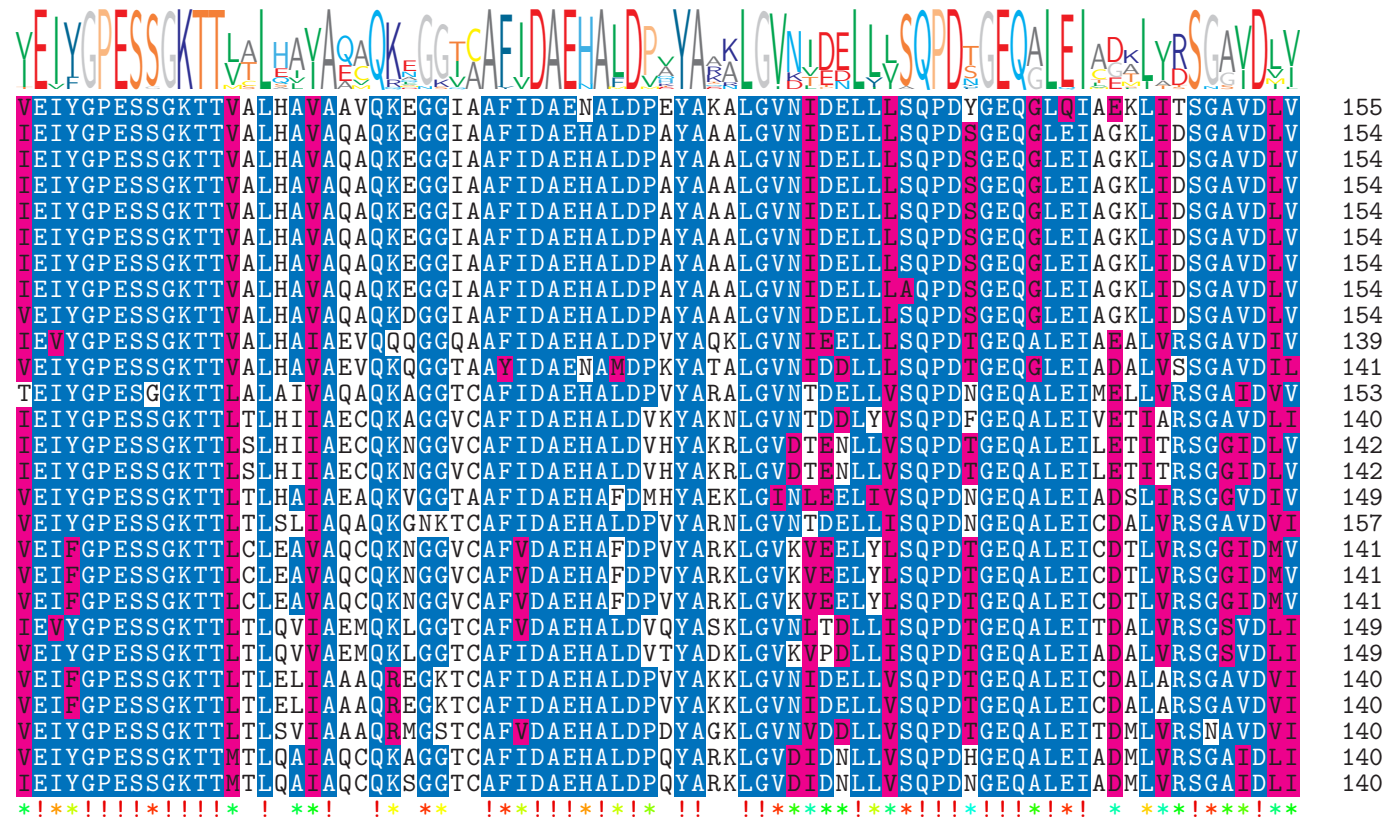
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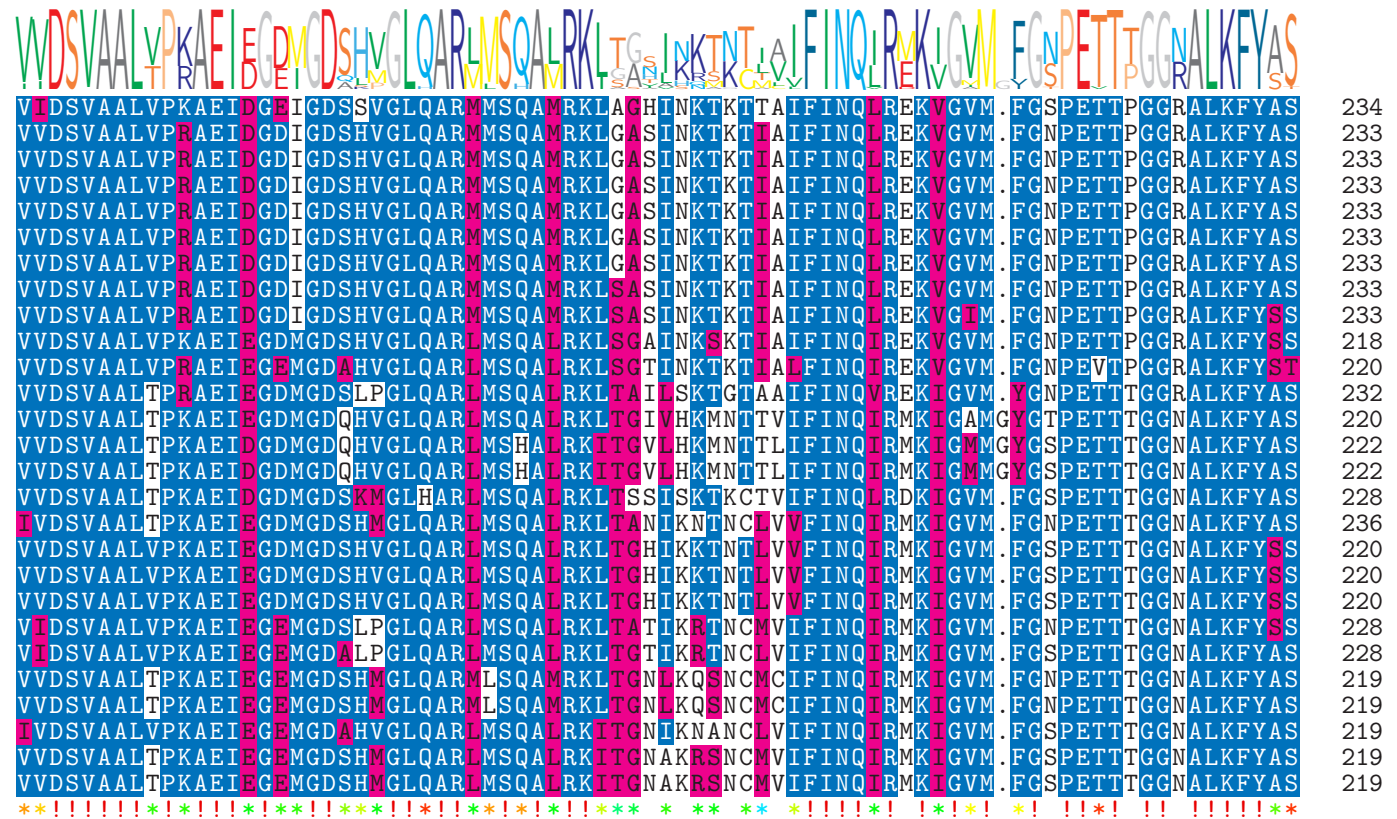
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consensus

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Sequence	Score
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EKIGQGSENAKKYLAEHPEIFDEIDKQVRSKFCGLIDGEEVSE..QDTENKKDE....PKKEEA..VNEEVPLDLGDELEI	384
EKIGQGSENAKKYLAENPEVFAEIDHQVVRVQFCGLIDGEEAAE.....SKKDE....VAQVDS..VNEEVTLDLGDELEI	380
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EKIGQGSENAKKFLADNPFIFFDDIDHKVVRVQYCLIEEDNTEE..KQSSKEK.....ETDEK..ADKNLVLELDDTIEL	381
ERLGGGRENAKQFLKENKDIMLMITQEQIREHYCLDNNGVVQQ..QAEETQFELEFE.E.....	348
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ERIGQGKEKTIAYIAERPEMEQETDRVMAAIRAGNAGEAPALAPAPAAPEAA.EA.....	363
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KKLGGGRENAKALLKEDKALADEITLKIKESIGSNEEIM..PLP....DEPLE.EME.....	347
KKLGGGRENAKALLKEDKALADEITLKIKESIGSNEEIM..PLP....DEPLE.EME.....	347
TKLGGGRD TVKELIKDNPELAELEAKIREKLQAK.....	343
TKIGQGKNNAVVKLKENPEIADKLEQIRNTLASNPNSV..LKATASDSNDES.DVEEF.....SEEL.....	372
AKIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHIT..E.....GTQDE.TDGER.....PEE.....	348
AKIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHIT..E.....GTQDE.TDGER.....PEE.....	348
AKIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHIT..E.....GTQDE.TDGER.....PEE.....	348
NRIGQGKDNVREYLKEHKEMAIETENKVRNQGVISRAA..T.FPASEAEDGE.....	353
ERIGQGRDNCREFLRNLAELARENKVRREHLGVTPMGA..V.TLAEVEED.....	352
DKIGQGKANACKYLLKENPEIAKTLDKKLREMLLNPNENMQ..LIAETSSAADV.EFGAV.....PEEF.....	354
DKIGQGKANACKYLLKENPEIAKTLDKKLREMLLNPNENMQ..LIAETSSAADV.EFGAV.....PEEF.....	354
SKIGQGKANAAKYLEENPEIGQEIQIRAKLLVTSANT..KATPVAEDLADA.DI.....	347
NKIGQGKNNVIRYLEENPEIISTEIEAVIREQLLTASDQ..TAA.HDETEEEP.DLL.....ES.....	349
NKIGQGKNNVIRYFEENQIAEIERNIREQLLTGTNG..AVQ.I.EDEEEP.DLL.....LES.....	349

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NTDB id 269 KZH43 RS08665 WP 001085462.1	EIEE	388	
NTDB id 228 SPD RS09265 WP 001085462.1	EIEE	388	
NTDB id 194 SPR RS08825 WP 001085462.1	EIEE	388	
NTDB id 159 SP RS09750 WP 001085462.1	EIEE	388	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	EIEE	384	
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NTDB id 1245 Cj1673c YP 002345041.1		343	
NTDB id 1214 NCTC11637 00359 SQJ03206.1		347	
NTDB id 1211 C694 RS00795 WP 000963128.1	....	347	
NTDB id 1334 RAOC RS04870 WP 004918236.1	....	343	
NTDB id 1389 A4U84 RS07560 WP 021112712.1	....	372	
NTDB id 1130 NGFG RS03960 WP 003688695.1	....	348	
NTDB id 1124 NGFG RS03960 WP 003688695.1	....	348	
NTDB id 1123 OK783 RS03845 WP 003688695.1	....	348	
NTDB id 260482 CXD96 RS06655 WP 003812760.1	....	353	
NTDB id 1427 RS RS02760 WP 011000510.1	....	352	
NTDB id 1165 A1552VC RS01565 WP 000344154.1	....	354	
NTDB id 1142 GTF74 RS11550 WP 000344154.1	....	354	
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