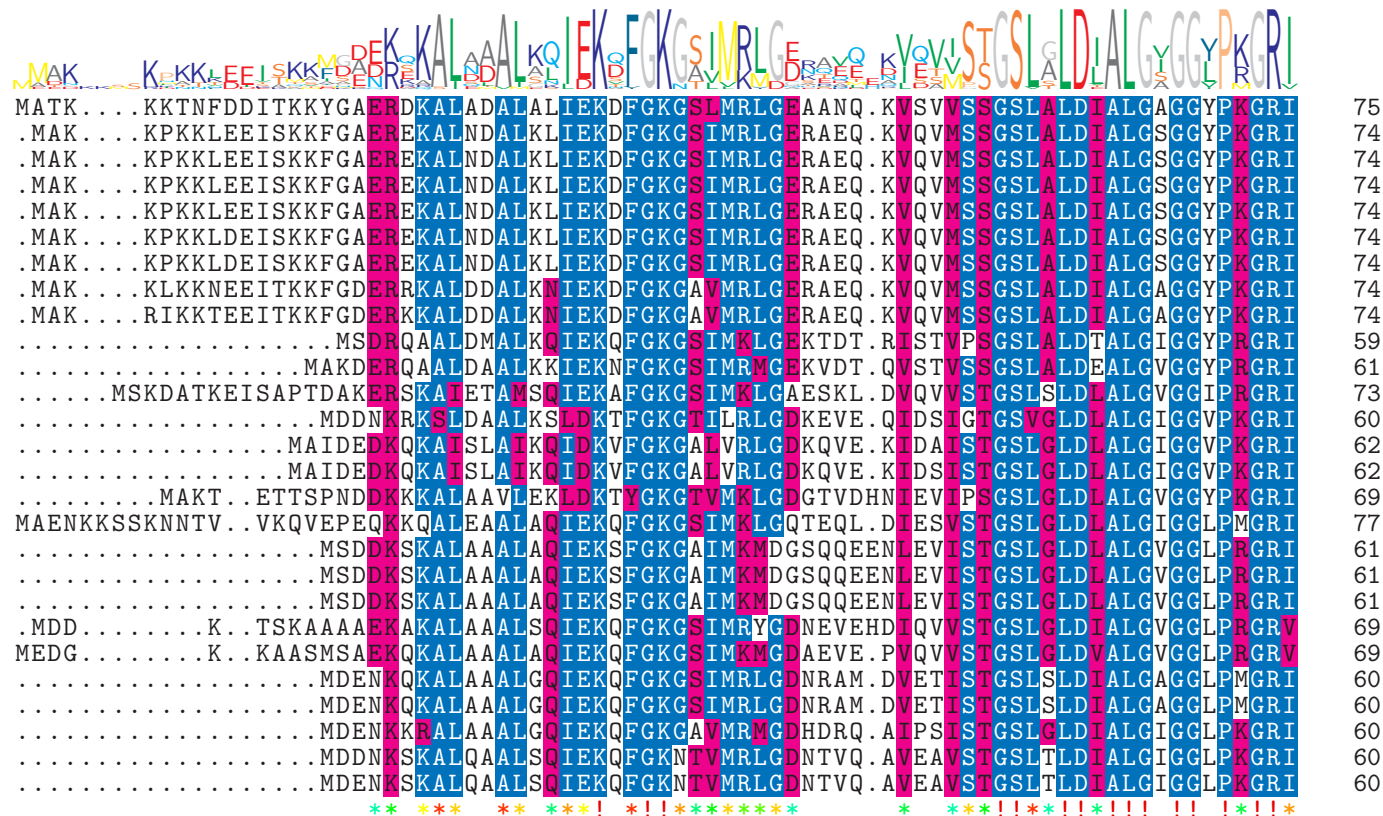


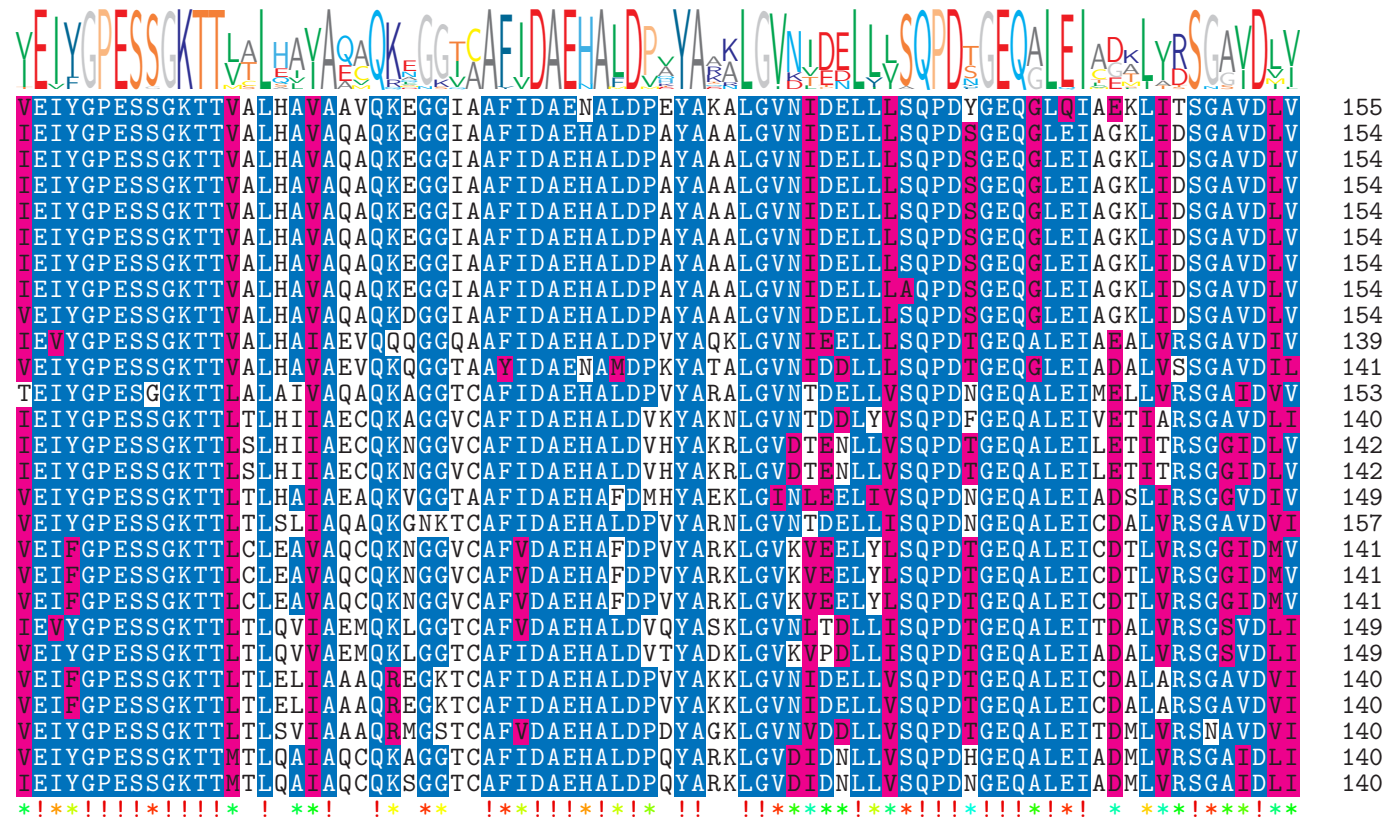
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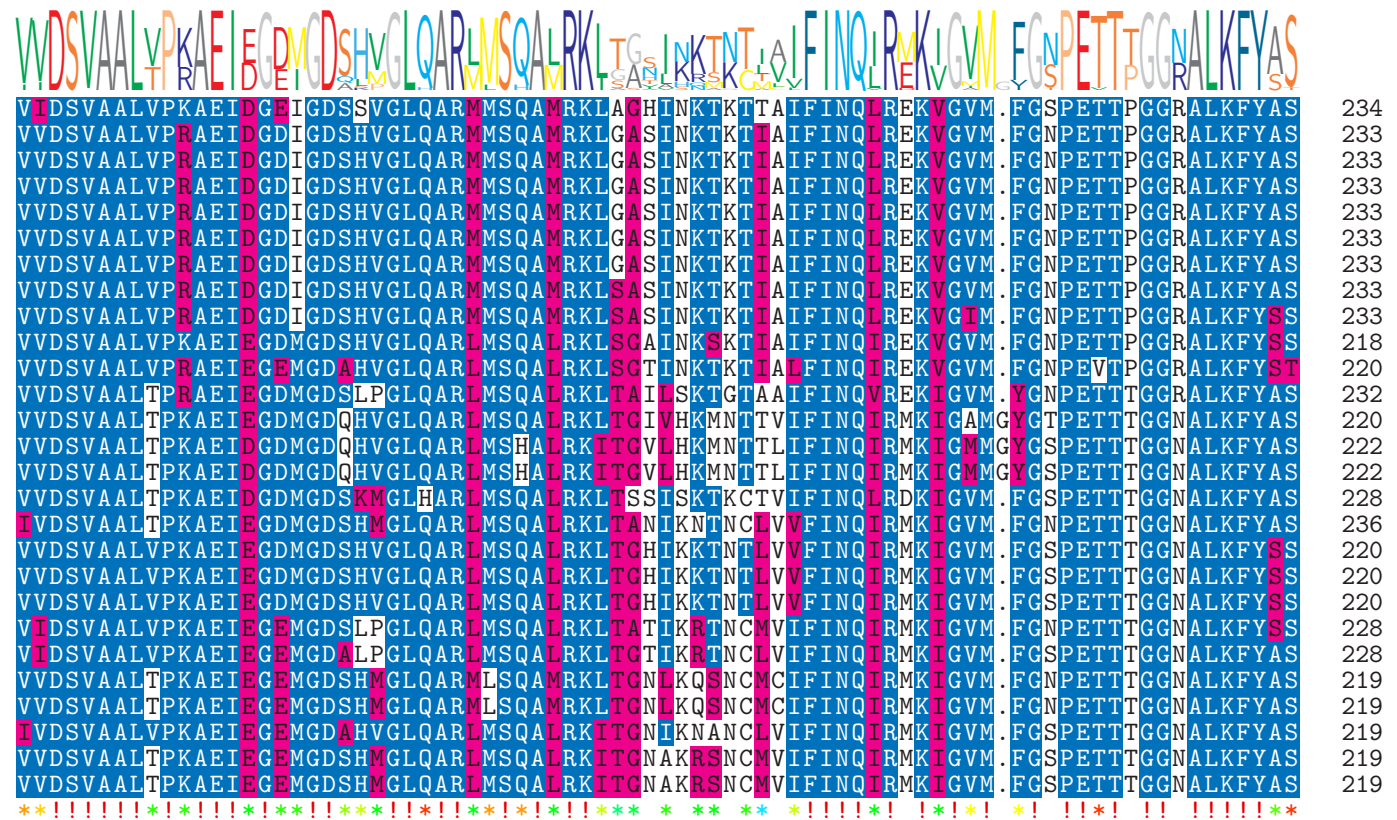
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consensus

Sequence	Score
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EKIGQGSENAKKYLA EHP E I FDEIDKQVRSKFG LIDGEEVSE..QDTENKKDE...PKKEEA..VNEEVPLDLGDELEI	384
EKIGQGSENAKKYLA DNPEVFAEIDHQVRVQFGLIDGEEAAE.....SKKDE...VAQVDS..VNEEVPLDLGDELEI	380
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EKIGQGSENAKKFLADNPEI FDDIDHKVRVQYGLIEEDNTEE..KQSSKEK.....ETDEK..ADKNLVLELDDTIEL	381
ERLGGGREN AKQFLKENKDIMLMIQEQIREHYGLDNGGVVQQ..QAETQEEL.EFE.E.....	348
ERIGGGREN AKNYLADHEDVEDEVRLKVRAAYGISDVPEEDL..PTTEDE.QI.NILPDDST.....EE.....	355
ERIGGGKEKTIAYIAERPMEQEITDRVM AAI RAGNAGEAPALAPAPAAPEAA.EA.....	363
KKLGGGREN SKAFLKENPEIADEITKAIQNSMGIEGMIS..GSE...DDEGE.E.....	343
KKLGGGREN AKALLKEDKALADEITLKIKESIGSNEEIM..PLP...DEPLE.EME.....	347
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TKLGGGRD TVKELIKDNPELAEELEAKIREKLQAK.....	343
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AKIGQGNKNVRVWLKENPEISDEIDAKIRALNGVMHIT..E.....GTQDE.TDGER.....PEE.....	348
AKIGQGNKNVRVWLKENPEISDEIDAKIRALNGVMHIT..E.....GTQDE.TDGER.....PEE.....	348
AKIGQGNKNVRVWLKENPEISDEIDAKIRALNGVMHIT..E.....GTQDE.TDGER.....PEE.....	348
NRIGQGNKNVREYLKEHKEMAEIENKVRNQIVSRAA..T.FPASEAEDGE.....	353
ERIGGGRDNCREFLR ENAELARIENKVRHGLVTPMGA..V.TLAEEVEED.....	352
DKIGQGNKANACKYLKENPEIAKTLDDKKLREMLLNPNMQ..LIAETSSAADV.EFGAV.....PEEF.....	354
DKIGQGNKANACKYLKENPEIAKTLDDKKLREMLLNPNMQ..LIAETSSAADV.EFGAV.....PEEF.....	354
SKIGQGNKANAACKYLEENPEIGQEIEQQIRAKLLVTSANT..KATPVAEDLADA.DI.....	347
NKIGQGNKNVIRYLEENPQISTEIEAVIREQLLTKASDQ..TAA.HDETEEEP.DLL.....ES.....	349
NKIGQGNKNVIRYFEENNQIAEIERNI REQLLTGTNG..AVQ.I.EDEEEP.DLL.....LES.....	349

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NTDB id 600 KW2 RS01765 WP 011675413.1		387			
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			
NTDB id 499 SM12261 RS08315 WP 078228268.1	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 135503 QR55 RS06545 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