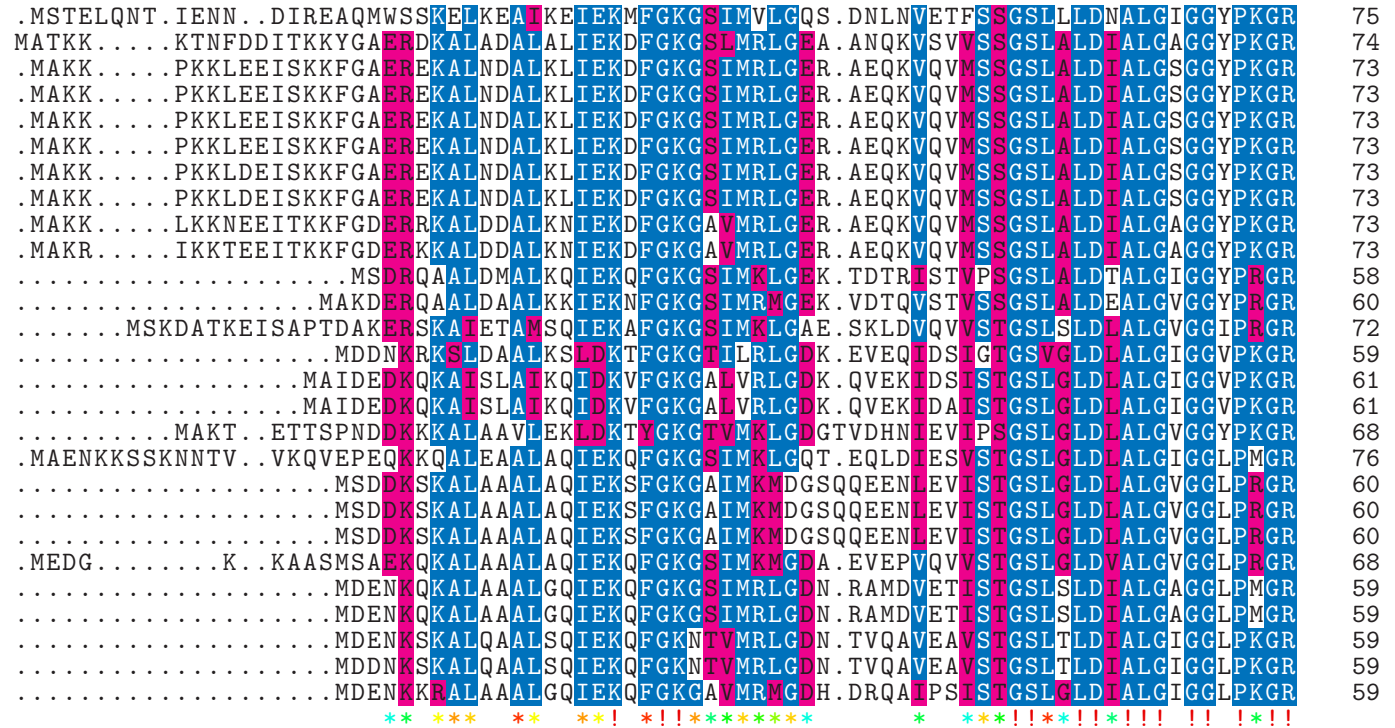


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consensus

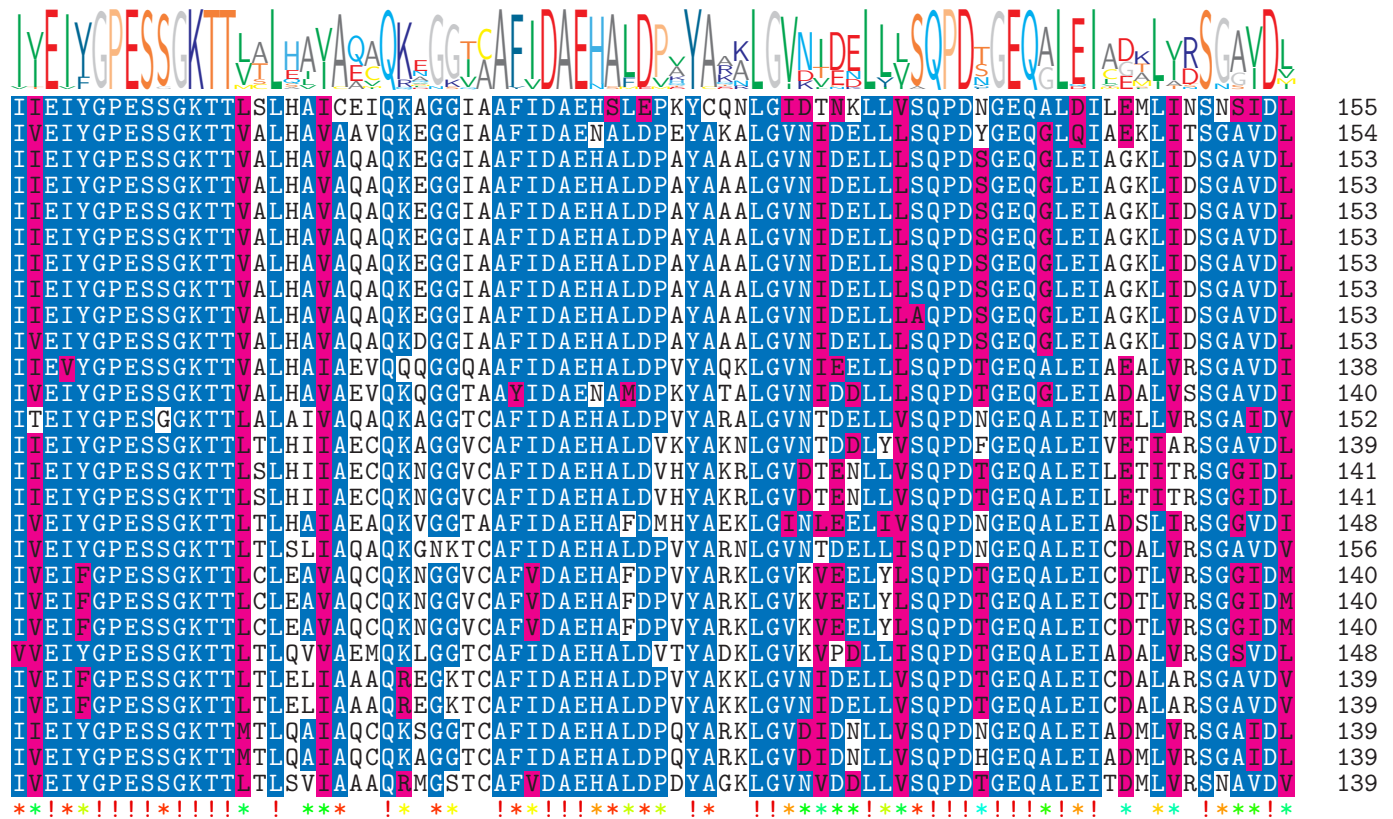
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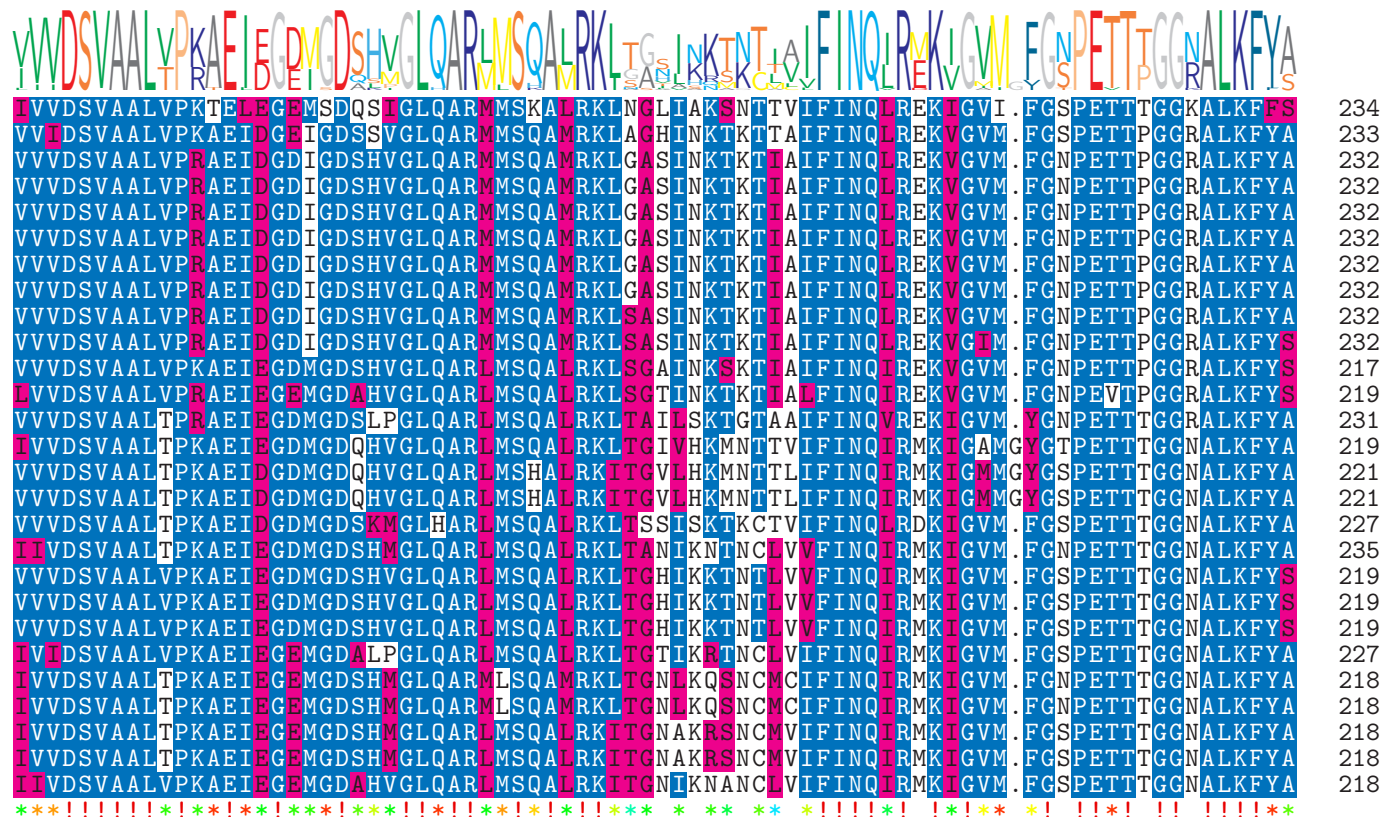
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consensus

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logo

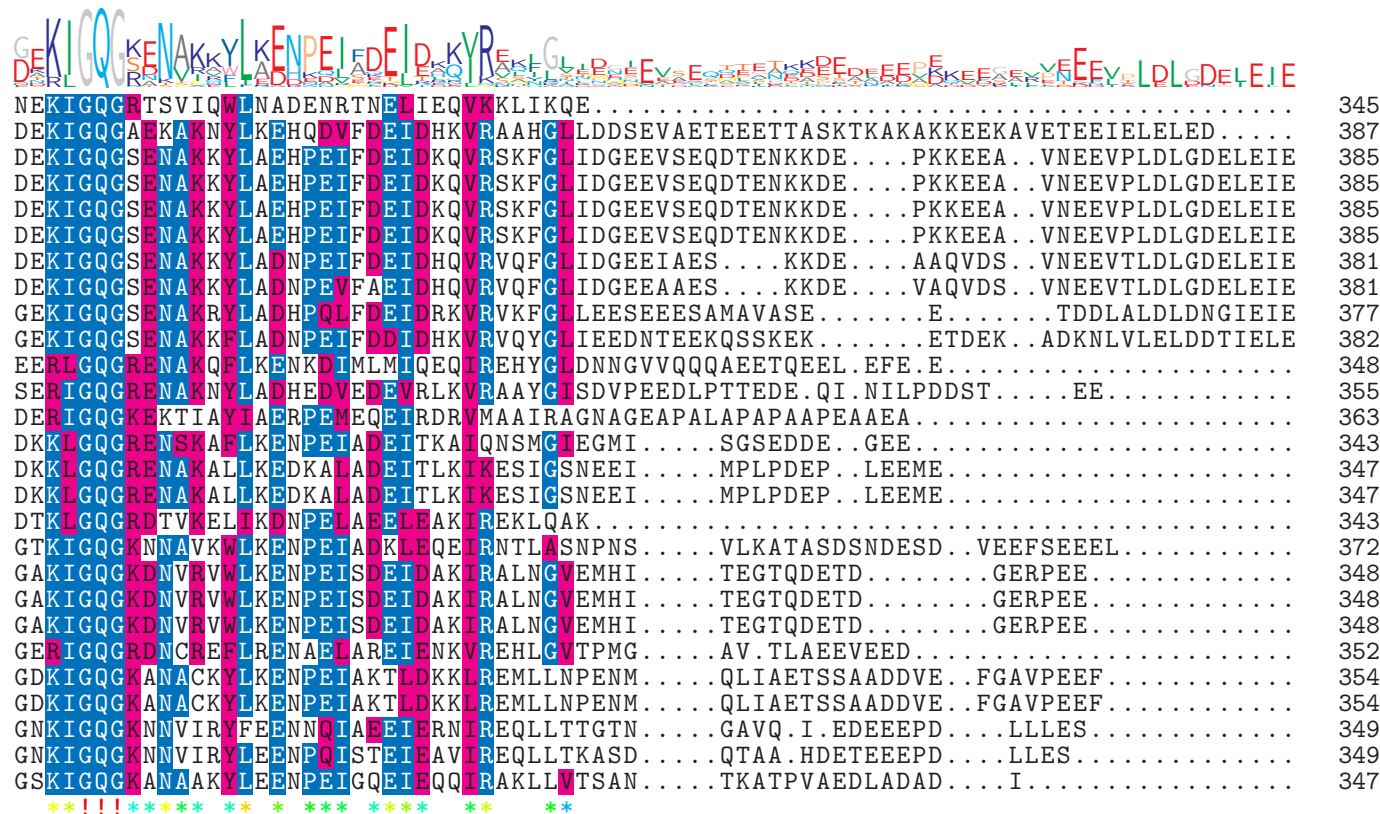
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| NTDB id 159 SP RS09750 WP 001085462.1         | SVRLDVRGNTQIKGTG.DQKETN  | VGKETKIKVVKNKVAPPFKEAVVEIMYGEGISKTGELLKIASDL   | DIKKAGAWYSYK          | 311           |
| NTDB id 499 SM12261 RS08315 WP 078228268.1    | SVRLDVRGSTQIKGTG.DQKDTN  | VGKETKIKVVKNKVAPPFKEAFVEIMYGEGISKTGELLKIASDL   | DIKKAGAWYSYK          | 311           |
| NTDB id 527 SMSK321 RS11065 WP 001085454.1    | SVRLDVRGSTQIKGTG.DQKDTN  | VGKETKIKVVKNKVAPPFKEAFVEIMYGEGISKTGELLKIASDL   | DIKKAGAWYSYK          | 311           |
| NTDB id 453 Spy49 1753c ACI62003.1            | SVRLDVRGTTQIKGTG.DQKDSS  | IGKETKIKVVKNKVAPPFKVAEVEIMYGEGISRTGELVKIASDL   | DIQKAGAWFSYN          | 311           |
| NTDB id 408 SMU RS09530 WP 002262392.1        | SVRLDVRGNTQIKGTG.EQKDSN  | IGKETKIKVVKNKVAPPFKEAFVEIITYGEGISRTGELVKIASDL  | GIIQKAGAWYSYN         | 311           |
| NTDB id 115 BSU 16940 NP 389576.2             | SVRLDVRRAEQLKQGN.....DVM | GNKTKIKVVKNKVAPPFRTAEVDIMYGEGISKEGEIIDLGTEL    | DIVQKSGSWYSYE         | 292           |
| NTDB id 625 LCA RS02525 WP 011374196.1        | TVRLDVRRAETIKNGT.....DM  | IGNRARIKVVKNKVAPPFKVAEVDIMYGGGISRTGELVDMAVEK   | DIINKSGSWYSYG         | 294           |
| NTDB id 1313 DR RS12030 WP 010888966.1        | SVRLDVRKIGQ....PTKVGND   | AVANTVKKIKTVKNKVAAPFKEVELALVYGKGFDQLSDLVGL     | LAADMIIKKAGSFYSYG     | 307           |
| NTDB id 1245 Cj1673c YP 002345041.1           | SVRLDVRKVAT....L.KQNEEP  | IGNRVKVVKNKVAPPFRQAEFDVMFGEGLSREGELIDYGVKL     | DIVDKSGAWFSYK         | 294           |
| NTDB id 1211 C694 RS00795 WP 000963128.1      | SVRLDIRRIAS....L.KQNEQH  | IGNRAKAKVVKNKVAPPFREAEFDIMFGEGISKEGEIIDYGVKL   | DIVDKSGAWLSYQ         | 296           |
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| consensus                                     | **!****!*                | * ** *****!*****!*                             | * *****!***** ***** * | *** ! !*****! |



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NTDB id 1029454 AB4X59 RS02585 WP 008363844.1
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consensus

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| consensus                                     |     |     |

-  non conserved
-  similar
-  ≥ 50% conserved