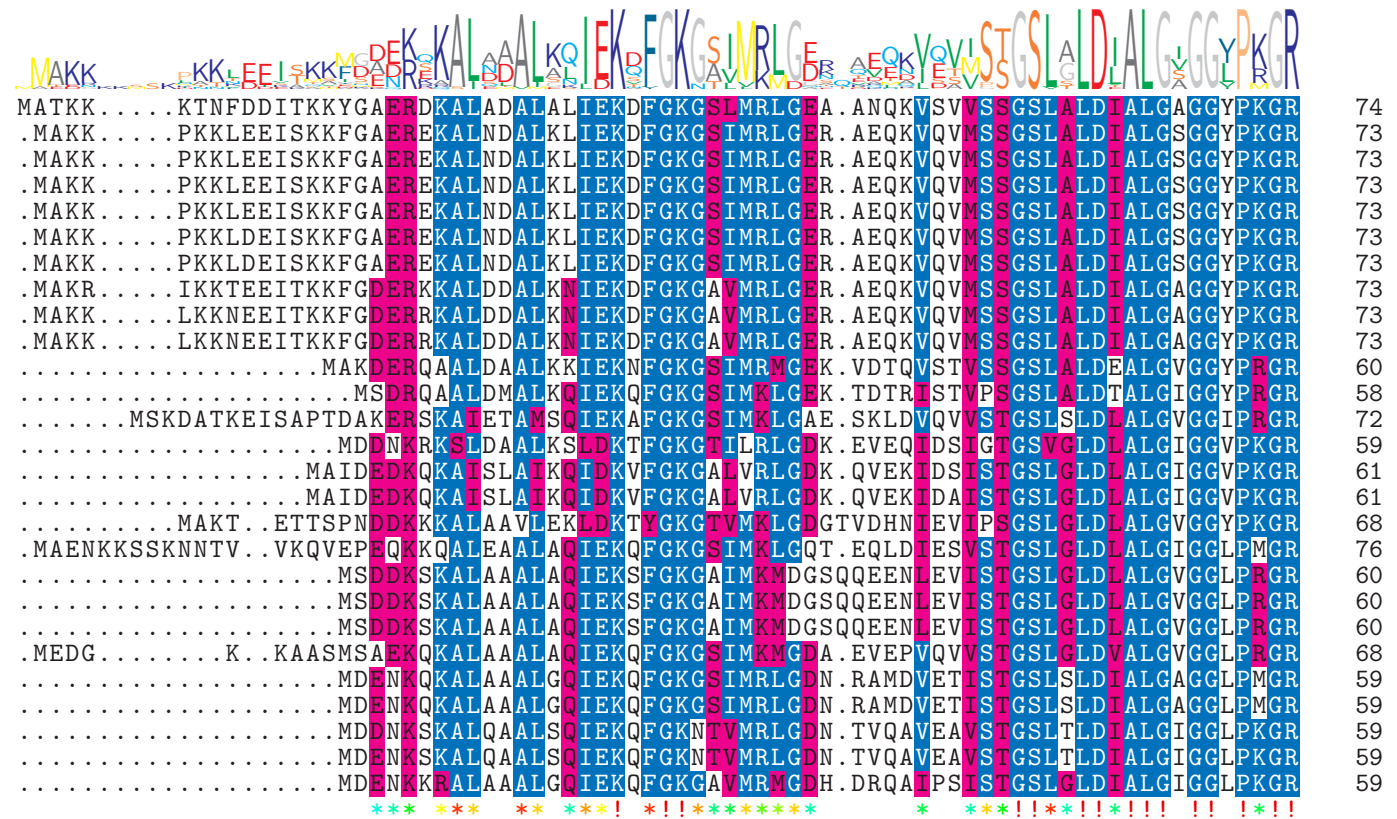


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consensus

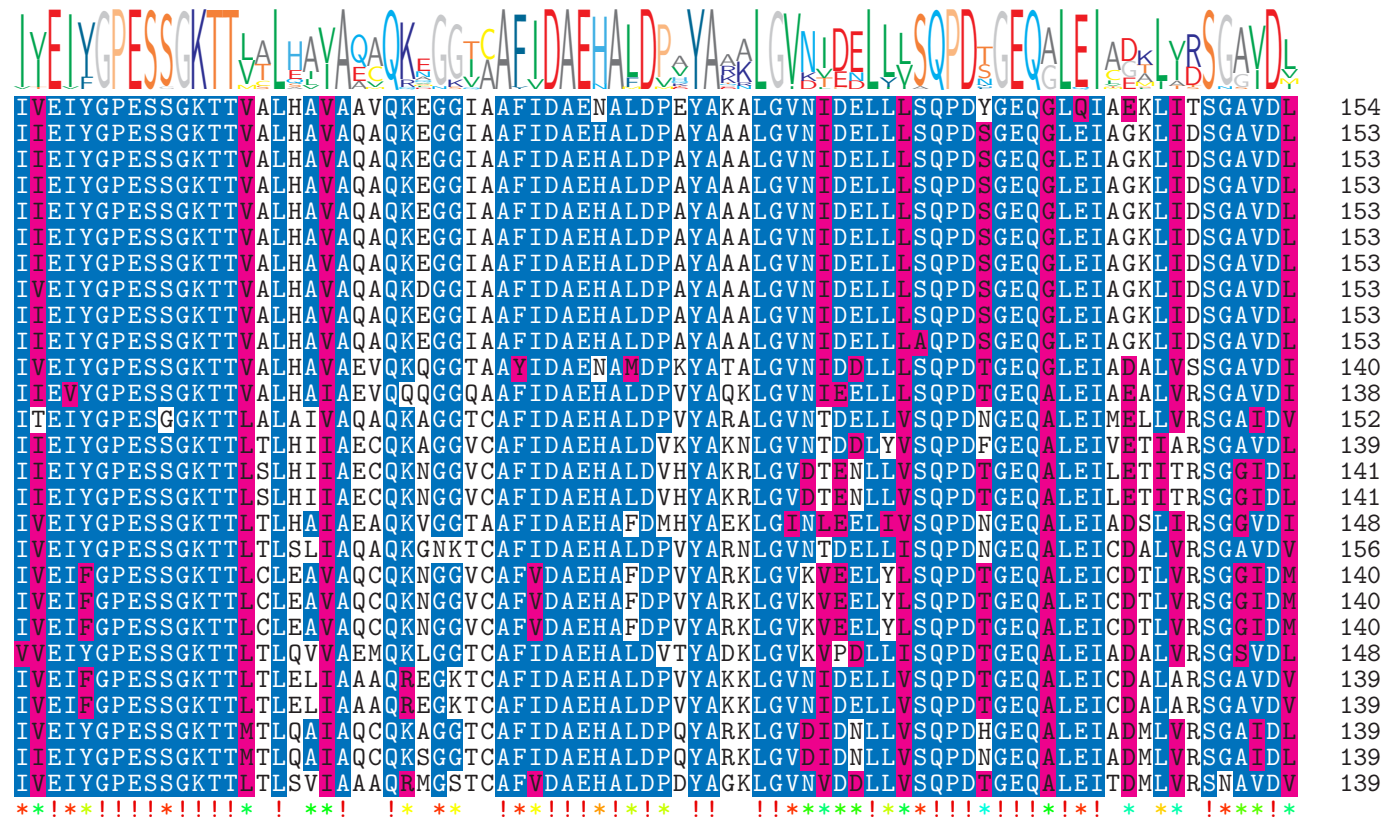
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consensus

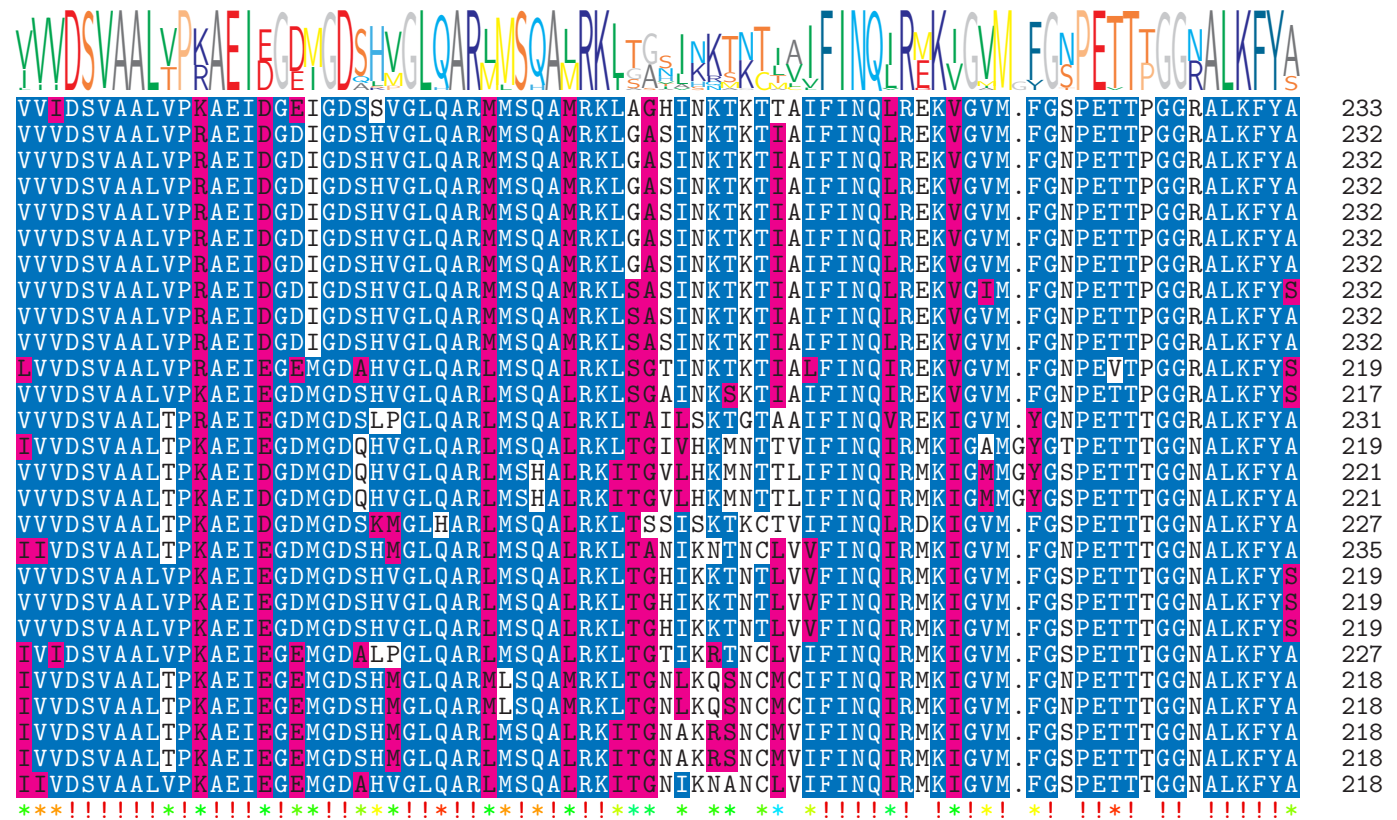
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NTDB id 1205 PSJM300 05545 AFN77183.1
consensus

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|                                             |                         |                       |                           |                         |                         |
|---------------------------------------------|-------------------------|-----------------------|---------------------------|-------------------------|-------------------------|
| NTDB id 600 KW2 RS01765 WP 011675413.1      | SVRLDVRGSTKIEEGS.GDNKTQ | IGKITKIKVVKNKVAPPFKEA | VALVDIMFGEGISSTGELIN      | IAVEEGIIKKSGAWFAYN      | 312                     |
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| NTDB id 527 SMSK321 RS11065 WP 001085454.1  | SVRLDVRGSTQIKGTG.DQKDTN | VGKETKIKVVKNKVAPPFKEA | FAVEIMYEGEGISKTGELLK      | IASDLDIKKAGAWYSYK       | 311                     |
| NTDB id 408 SMU RS09530 WP 002262392.1      | SVRLDVRGNTQIKGTG.EQKDSN | IGKETKIKVVKNKVAPPFKEA | FAVEIITYEGEGISRTGELV      | KIASDLGIIQKAGAWYSYN     | 311                     |
| NTDB id 137356 SD89 RS09300 WP 023612576.1  | SVRLDVRGTTQIKGTG.DQKDSS | IGKETKIKVVKNKVAPPFKEA | VAEVEIMYEGEGISRTGELV      | KIASDLGIIQKAGAWFSYN     | 311                     |
| NTDB id 453 Spy49 1753c ACI62003.1          | SVRLDVRGTTQIKGTG.DQKDSS | IGKETKIKVVKNKVAPPFKEA | VAEVEIMYEGEGISRTGELV      | KIASDLGIIQKAGAWFSYN     | 311                     |
| NTDB id 625 LCA RS02525 WP 011374196.1      | TVRLEVRRAETIKNGT.....DM | IGNRARIKVVKNKVAPPFKEA | VAEVDIMYGGISRTGELVDM      | AVEKDIINKSGSWYSYG       | 294                     |
| NTDB id 115 BSU 16940 NP 389576.2           | SVRLEVRRAEQLKQGN.....DV | MGNKTKIKVVKNKVAPPFRTA | EAEDIMYEGEGISKEGEITD      | LGTELDIIQKSGSWYSYE      | 292                     |
| NTDB id 1313 DR RS12030 WP 010888966.1      | SVRLDVRKIGQ....PTKVGND  | AVANTVKIKTVKNKVAAPFKE | VELALVYGKGFDDLGLAADM      | DIKKAGSFYSYG            | 307                     |
| NTDB id 1245 Cj1673c YP 002345041.1         | SVRLDVRKVAT....L.KQNEEP | IGNRVKVVKNKVAPPFRQAEF | DVMFGEGLSREGELIDYG        | VKLDIVDKSGAWFSYK        | 294                     |
| NTDB id 1211 C694 RS00795 WP 000963128.1    | SVRIDIRRIAS....L.KQNEQH | IGNRAKAKVVKNKVAPPFRE  | AEFDIMFGEGISKEGEITD       | YGVKLDIVDKSGAWLSYQ      | 296                     |
| NTDB id 1214 NCTC11637 00359 SQJ03206.1     | SVRIDIRRIAA....L.KQNEQH | IGNRAKAKVVKNKVAPPFRE  | AEFDIMFGEGISKEGEITD       | YGVKLDIVDKSGAWLSYQ      | 296                     |
| NTDB id 1334 RAOC RS04870 WP 004918236.1    | SVRIDIRRLSDTGKIKDKSGEV  | IGNRTKVVKNKVAPPFKSAE  | FDIMYEGGVSKVGEILDV        | ATDLIIQKSGSWFSYQ        | 307                     |
| NTDB id 1389 A4U84 RS07560 WP 021112712.1   | SVRLDIRRCGV....V.KDGEI  | IGSETKVVKNKVAPPFREVQ  | FDIMYEGGISMNELILAE        | ANGFIKKSGAWFSYD         | 310                     |
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| NTDB id 1123 OK783 RS03845 WP 003688695.1   | SVRLDIRRTGS....I.KKGEV  | LGNETRVKVIKNKVAPPFRQ  | AEFDILYEGGISWEGELID       | IGVKNDIINKSGAWYSYN      | 294                     |
| NTDB id 1427 RS RS02760 WP 011000510.1      | SVRLDIRRIGS....I.KKGEV  | VGNETKVVKNKVAPPFRE    | AIFFDILYGAGVSREGEI        | IDLGVKAKVVEKSGAWYSYN    | 302                     |
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| NTDB id 1205 PSJM300 05545 AFN77183.1       | SVRLDIRRTGA....V.KEGDEV | VGSETRVVKNKVAPPFRQAE  | FQILYKGKIYRNGEIDL         | GVQQGLVEKSGAWAYK        | 293                     |
| consensus                                   | *!!**!* *               | * ** *****!!*!!*!!*!* | * *****!!*!!*!!*!!*!!*!!* | *****!!*!!*!!*!!*!!*!!* | *****!!*!!*!!*!!*!!*!!* |

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NTDB id 600 KW2 RS01765 WP 011675413.1  
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consensus



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|                                             |     |     |
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| NTDB id 194 SPR RS08825 WP 001085462.1      | IEE | 388 |
| NTDB id 159 SP RS09750 WP 001085462.1       | IEE | 388 |
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| consensus                                   |     |     |

-  non conserved
-  similar
-  ≥ 50% conserved