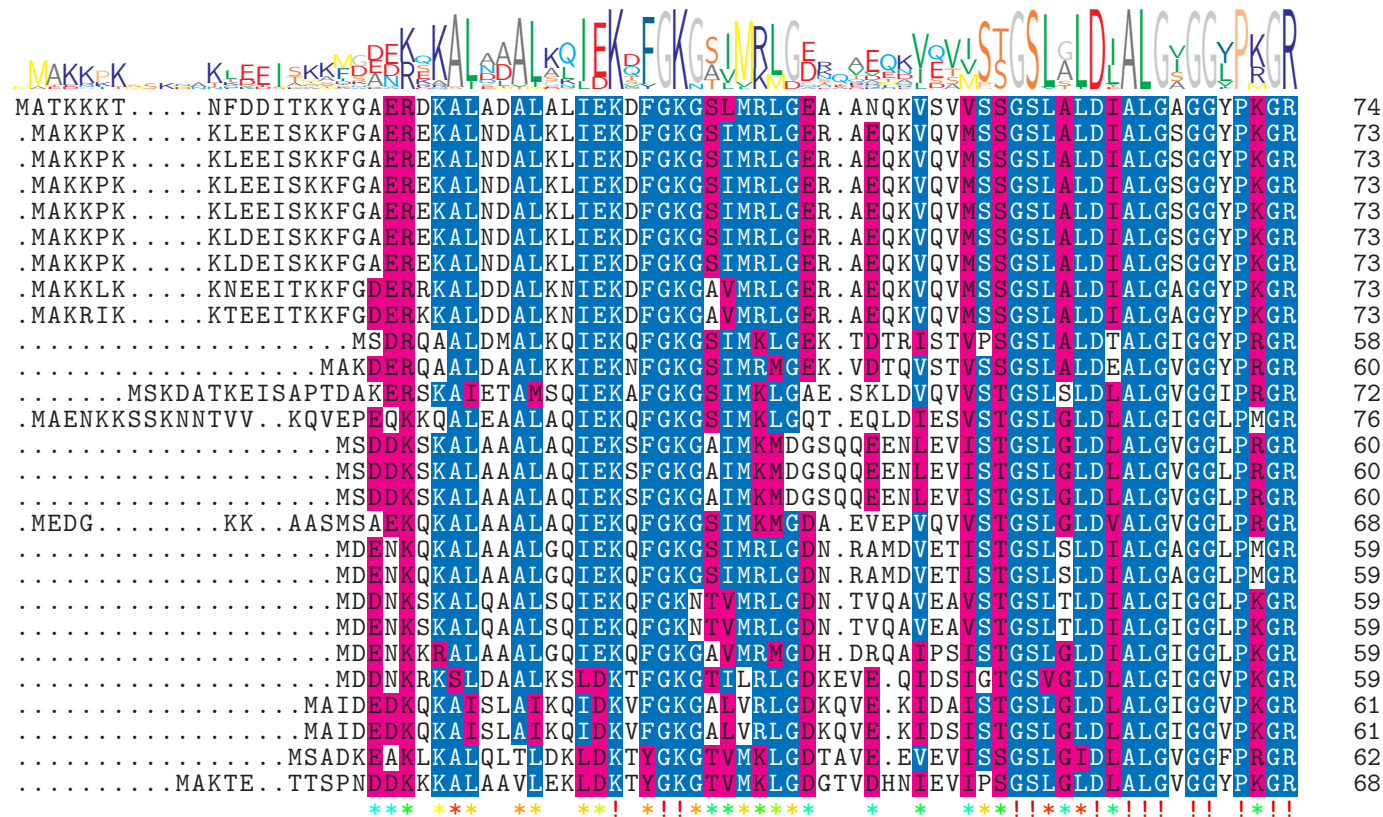


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consensus

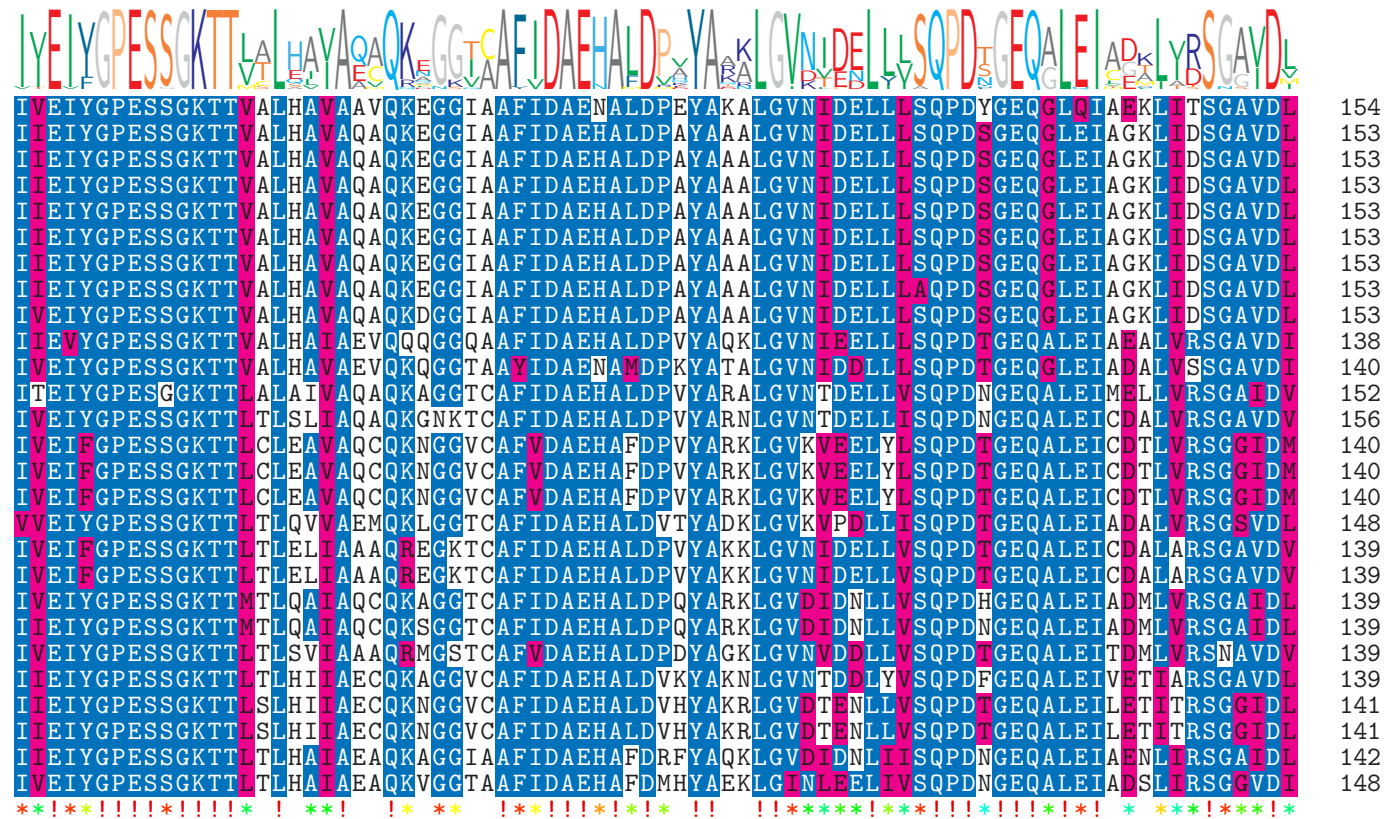
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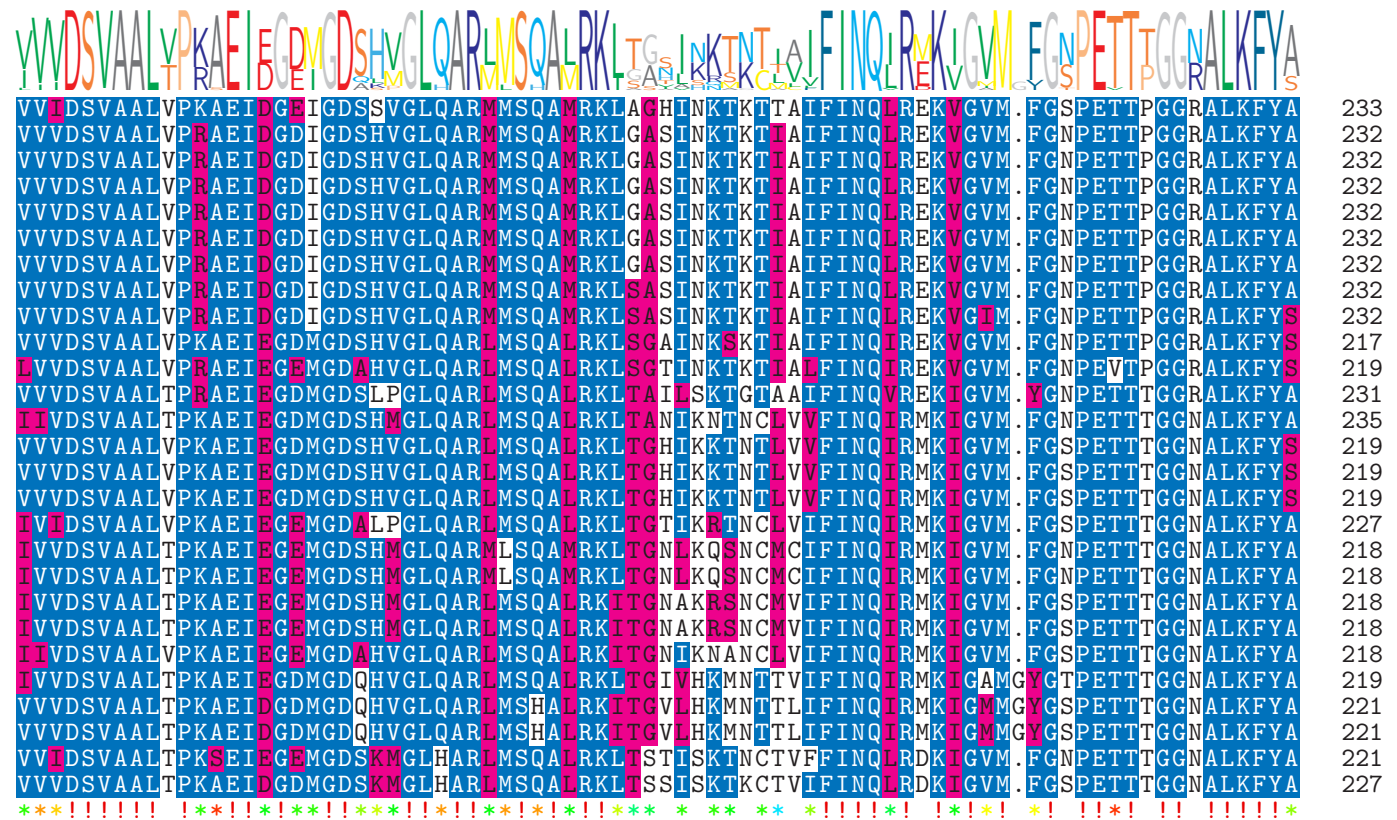
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consensus

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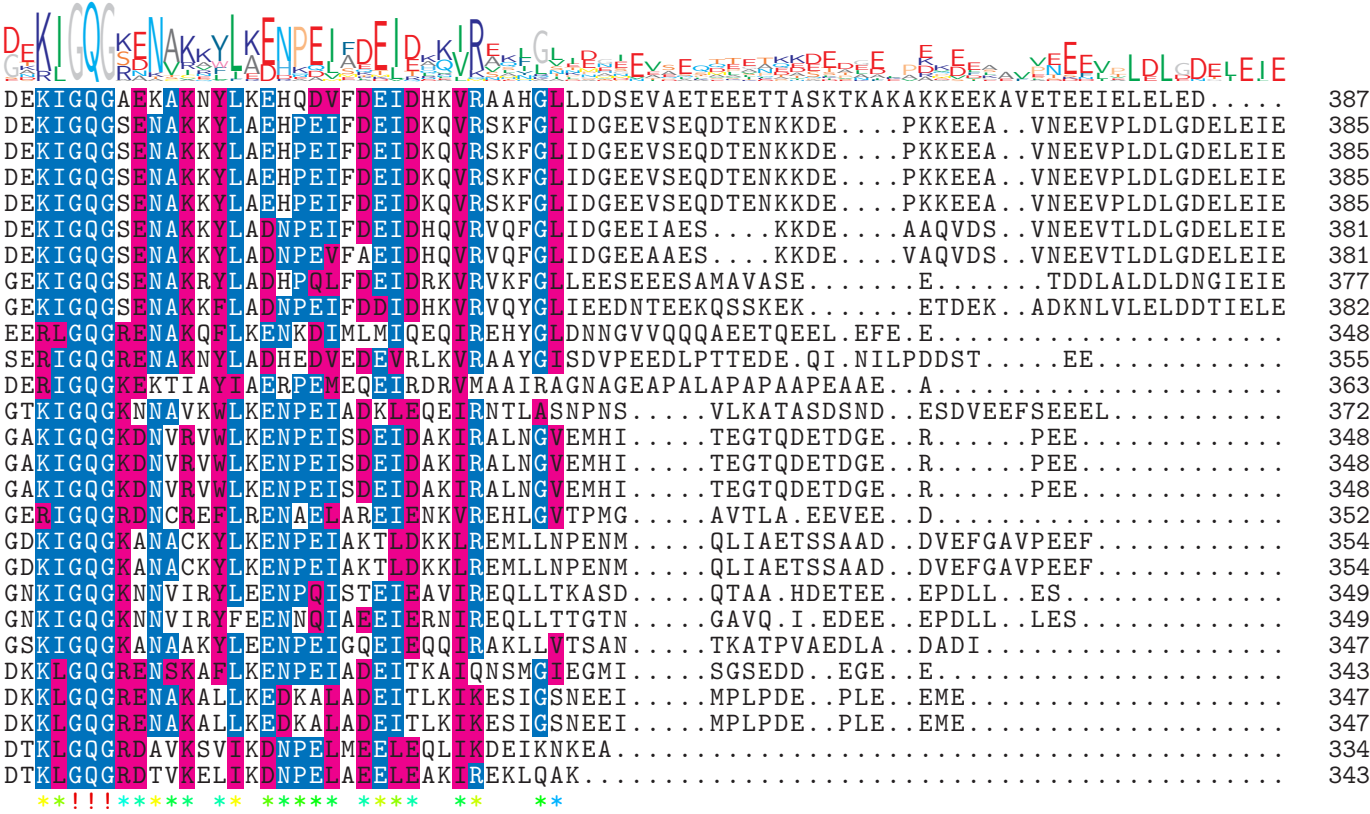


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|                                             |                             |                                                 |                                      |               |
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| NTDB id 194 SPR RS08825 WP 001085462.1      | SVRLDVRGNTQIKGTG.DQKETN     | VGKETKIKVVKNKVAPPFKEAVVEIMYEGEGISKTGELLKIASDLDI | TKKAGAWYSYK                          | 311           |
| NTDB id 159 SP RS09750 WP 001085462.1       | SVRLDVRGNTQIKGTG.DQKETN     | VGKETKIKVVKNKVAPPFKEAVVEIMYEGEGISKTGELLKIASDLDI | TKKAGAWYSYK                          | 311           |
| NTDB id 499 SM12261 RS08315 WP 078228268.1  | SVRLDVRGSTQIKGTG.DQKDTN     | VGKETKIKVVKNKVAPPFKEAFVEIMYEGEGISKTGELLKIASDLDI | TKKAGAWYSYK                          | 311           |
| NTDB id 527 SMSK321 RS11065 WP 001085454.1  | SVRLDVRGSTQIKGTG.DQKDTN     | VGKETKIKVVKNKVAPPFKEAFVEIMYEGEGISKTGELLKIASDLDI | TKKAGAWYSYK                          | 311           |
| NTDB id 453 Spy49 1753c ACI62003.1          | SVRLDVRGTTQIKGTG.DQKDS      | IGKETKIKVVKNKVAPPFKVAEVEIMYEGEGISRTGELVKIASDLDI | IKKAGAWFSYN                          | 311           |
| NTDB id 408 SMU RS09530 WP 002262392.1      | SVRLDVRGNTQIKGTG.EQKDSN     | IGKETKIKVVKNKVAPPFKEAFVEIYEGEGISRTGELVKIASDLGI  | IKKAGAWYSYN                          | 311           |
| NTDB id 115 BSU 16940 NP 389576.2           | SVRLEVRRAEQLKQGN.....D      | MGNKTKIKVVKNKVAPPFRTAEVDIMYEGEGISKEGEIIDLGTEL   | DIVQKSGSWYSYE                        | 292           |
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| NTDB id 1313 DR RS12030 WP 010888966.1      | SVRLDVRKIGQP.....TKVGND     | AVANTVKIKTVKNKVAAPFKEVELALVYGKGFQDLS            | DLVGLAADMDITKKAGSFYSYG               | 307           |
| NTDB id 1389 A4U84 RS07560 WP 021112712.1   | SVRLDIRRCGVV.....KDGDEI     | IGSETKVVVKNKVAPPFREVFQDIMYEGEGISRMNELILAEANGFI  | KKSGAWFSYD                           | 310           |
| NTDB id 1130 NGFG RS03960 WP 003688695.1    | SVRLDIRRTGSI.....KKGE       | EEVLGNETRKKVKNKVAPPFRQAEFDILYEGEGISWEGELID      | IGVKNDIINKSGAWYSYN                   | 294           |
| NTDB id 1124 NGFG RS03960 WP 003688695.1    | SVRLDIRRTGSI.....KKGE       | EEVLGNETRKKVKNKVAPPFRQAEFDILYEGEGISWEGELID      | IGVKNDIINKSGAWYSYN                   | 294           |
| NTDB id 1123 OK783 RS03845 WP 003688695.1   | SVRLDIRRTGSI.....KKGE       | EEVLGNETRKKVKNKVAPPFRQAEFDILYEGEGISWEGELID      | IGVKNDIINKSGAWYSYN                   | 294           |
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| NTDB id 1022 ACIAD RS06390 WP 004925639.1   | SVRLDIRRIGQV.....KEGDEI     | IGSETKVVVKNKMAPPFREAI                           | FIQILYGKGVNQLGELVDLAVQQNIVQKAGAWYSYQ | 293           |
| NTDB id 1074 ABD1 RS10195 WP 000344167.1    | SVRLDIRRIGQV.....KEGDEI     | VGSETKVVVKNKMAPPFKEAIFQILYGKGTNQLGELVDLAVQQ     | DIVQKAGAWYSYQ                        | 293           |
| NTDB id 1205 PSJM300 05545 AFN77183.1       | SVRLDIRRTGAV.....KEGDEV     | VGSETRVVVKNKVAPPFRQAEFQILYGKGIYRNGEIID          | LGVQQGLVEKSGAWYAYK                   | 293           |
| NTDB id 1245 Cj1673c YP 002345041.1         | SVRLDVRKVATL.....KQNE       | EEPIGNRVKVVVKNKVAPPFRQAEFDVMFGEGLSREGELID       | YGVKLDIVDKSGAWFSYK                   | 294           |
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| NTDB id 1211 C694 RS00795 WP 000963128.1    | SVRIDIRRIASL.....KQNE       | EQHIGNRAKAKVVKNKVAPPFREAEFDIMFGEGISKEGEIID      | YGVKLDIVDKSGAWLSYQ                   | 296           |
| NTDB id 164086 AS202 RS05780 WP 006257865.1 | SVRLDIRKSTQI.....KDG        | ENVIGNRTKVKIKVKNKVAPPFRTAEFDIMYEGEGISKVGEVLD    | MAVDYEIVKKSGSWFSYG                   | 296           |
| NTDB id 1334 RAOC RS04870 WP 004918236.1    | SVRIDIRRLSLSDTGKIKDKSGEV    | IGNRTKVKVVKNKVAPPFKSAEFDIMYEGEGVSKVGEILD        | VATDLDIILQKSGSWFSYQ                  | 307           |
| consensus                                   | *!!**!* *                   | * ** *****!!*!!*!!* *                           | *****!**** ***** **                  | *** ! !*****! |

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NTDB id 164086 AS202 RS05780 WP 006257865.1  
NTDB id 1334 RAOC RS04870 WP 004918236.1  
consensus



logo

|                |                                |     |     |
|----------------|--------------------------------|-----|-----|
|                |                                | IEE |     |
| NTDB id 600    | KW2 RS01765 WP 011675413.1     | ... | 387 |
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| NTDB id 1123   | OK783 RS03845 WP 003688695.1   | ... | 348 |
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| consensus      |                                |     |     |

- X non conserved
- X similar
- X ≥ 50% conserved