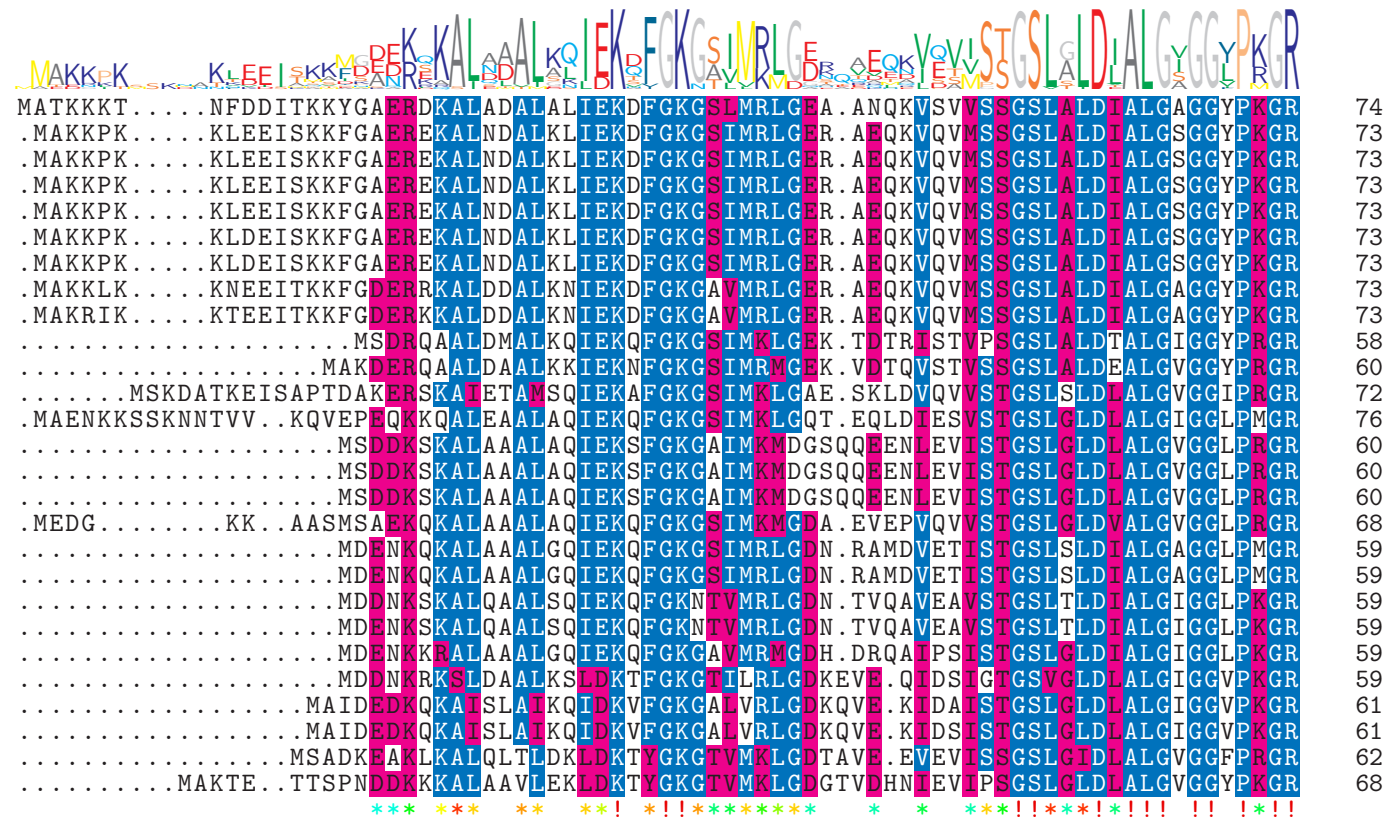


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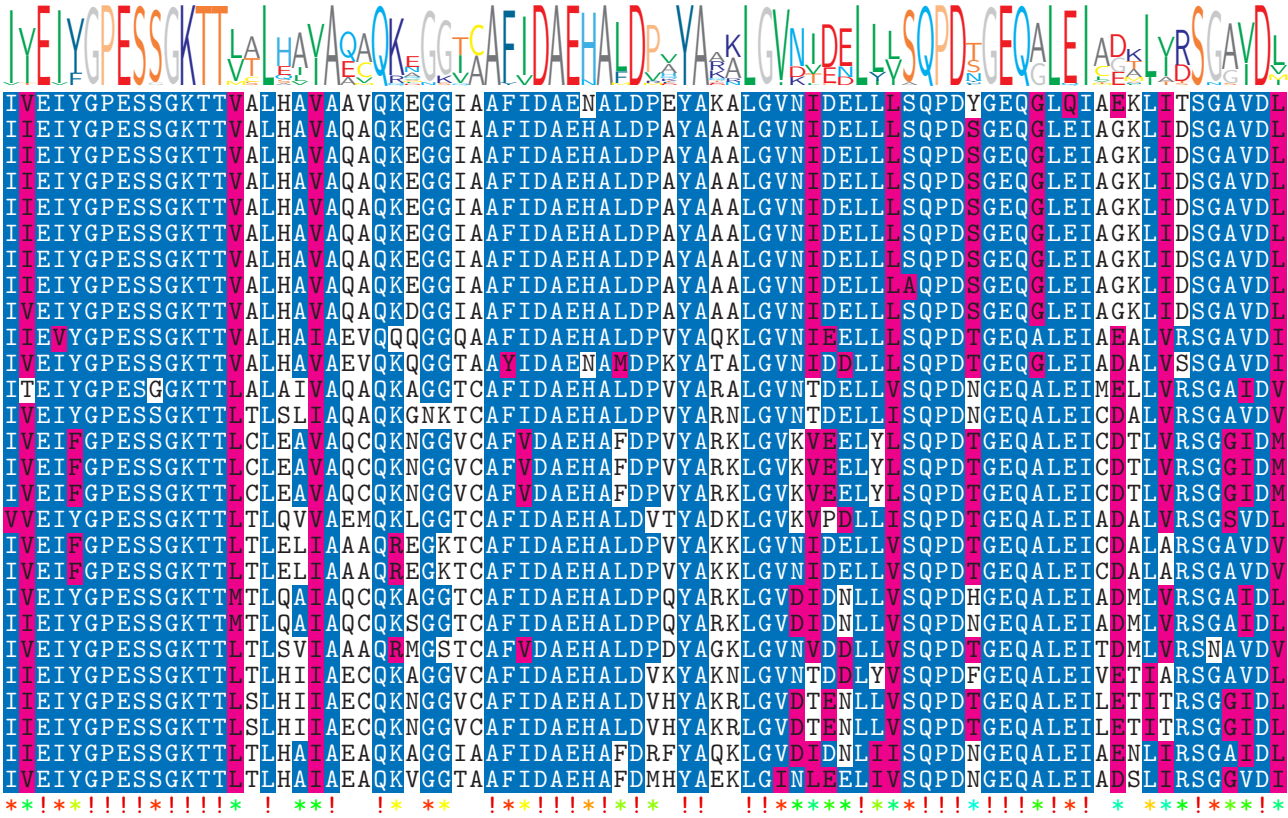
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consensus

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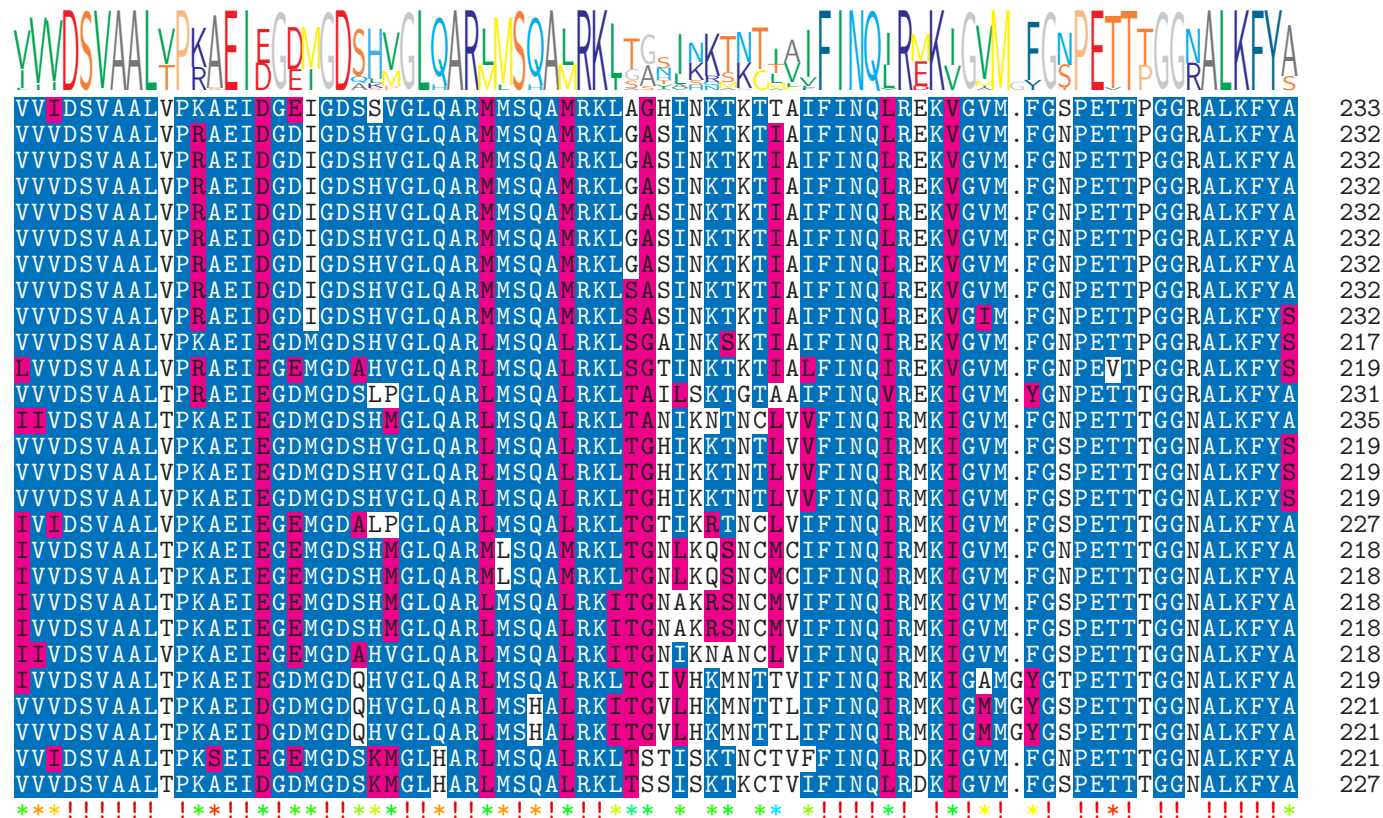
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NTDB id 1334 RAOC RS04870 WP 004918236.1  
consensus



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NTDB id 1334 RAOC RS04870 WP 004918236.1  
consensus



logo

|                                             |                             |                                                  |                        |               |
|---------------------------------------------|-----------------------------|--------------------------------------------------|------------------------|---------------|
| NTDB id 600 KW2 RS01765 WP 011675413.1      | SVRLDVRGSTKIEEGS.GDNKTQIGKI | TKIKVVKNKVAPPFKVALVDIMFGEGISSTGELINIAVEEGI       | TKKSGAWFAYN            | 312           |
| NTDB id 269 KZH43 RS08665 WP 001085462.1    | SVRLDVRGNTQIKGTG.DQKETN     | VGKETKIKVVKNKVAPPFKEAVVEIMYEGEGISKTGELLKIASDLDI  | TKKAGAWYSYK            | 311           |
| NTDB id 228 SPD RS09265 WP 001085462.1      | SVRLDVRGNTQIKGTG.DQKETN     | VGKETKIKVVKNKVAPPFKEAVVEIMYEGEGISKTGELLKIASDLDI  | TKKAGAWYSYK            | 311           |
| 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     | IGKETKIKVVKNKVAPPFKEAFVEIIMYEGEGISRTGELVKIASDLGI | IKKAGAWYSYN            | 311           |
| NTDB id 115 BSU 16940 NP 389576.2           | SVRLEVRRAEQLKQGN.....D      | MGNTKIKVVKNKVAPPFRTAEVDIMYEGEGISKEGEIIDLGTEL     | DIVQKSGSWYSYE          | 292           |
| NTDB id 625 LCA RS02525 WP 011374196.1      | TVRLEVRRAEETIKNGT.....D     | IGNRARIKVVKNKVAPPFKVAEVDIMYGGISRTGELVDMAVEKDI    | INKSGSWYSYG            | 294           |
| NTDB id 1313 DR RS12030 WP 010888966.1      | SVRLDVRKIGQP.....TKVGND     | AVANTVKIKTKVNKVAAPFKEVELALVYGKGFQDLS             | DLVGLAADMDITKKAGSFYSYG | 307           |
| NTDB id 1389 A4U84 RS07560 WP 021112712.1   | SVRLDIRRCGVV.....KDGDEI     | IGSETKVVVKNKVAPPFREVQFDIMYEGEGISRMNELILAEANGFI   | 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           |
| NTDB id 1427 RS RS02760 WP 011000510.1      | SVRLDIRRIGSI.....KKGDEV     | VGNETKVVVKNKVAPPFREAIFDILYGAGVSREGEIIDLGVEAK     | VVEKSGAWYSYN           | 302           |
| NTDB id 1165 A1552VC RS01565 WP 000344154.1 | SVRLDIRRTGAI.....KEGEEV     | VGNETRIKVVKNKIAAPFKEANTQIMYGGFNREGELID           | LGVKHKMVEKSGAWYSYN     | 293           |
| NTDB id 1142 GTF74 RS11550 WP 000344154.1   | SVRLDIRRTGAI.....KEGEEV     | VGNETRIKVVKNKIAAPFKEANTQIMYGGFNREGELID           | LGVKHKMVEKSGAWYSYN     | 293           |
| NTDB id 1022 ACIAD RS06390 WP 004925639.1   | SVRLDIRRIGQV.....KEGDEI     | IGSETKVVVKNKMAPPFREAIFQILYGKGVNQLGELVDLAVQQ      | NIVQKAGAWYSYQ          | 293           |
| NTDB id 1074 ABD1 RS10195 WP 000344167.1    | SVRLDIRRIGQV.....KEGDEI     | VGSETKVVVKNKMAPPFKEAIFQILYGKGTNQLGELVDLAVQQ      | DIVQKAGAWYSYQ          | 293           |
| NTDB id 1205 PSJM300 05545 AFN77183.1       | SVRLDIRRTGAV.....KEGDEV     | VGSETRVVVKNKVAPPFRQAEFQILYGKGIYRNGEIIDLG         | VQQGLVEKSGAWYAYK       | 293           |
| NTDB id 1245 Cj1673c YP 002345041.1         | SVRLDVRKVATL.....KQNEEP     | IGNRVKKVVKNKVAPPFRQAEFDVMFGEGLSREGELIDYGV        | KLDDIVDKSGAWFSYK       | 294           |
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| NTDB id 1211 C694 RS00795 WP 000963128.1    | SVRIDIRRIASL.....KQNEQH     | IGNRAKAKVVKNKVAPPFREAEFDIMFGEGISKEGEIIDYGV       | KLDDIVDKSGAWLSYQ       | 296           |
| NTDB id 98241 AS202 RS05780 WP 006257865.1  | SVRLDIRKSTQI.....KDGENV     | IGNRTKVKIKVNKVAPPFRTAEFDIMYEGEGISKVGEVLD         | MAVDYEIVKKSGSWFSYG     | 296           |
| NTDB id 1334 RAOC RS04870 WP 004918236.1    | SVRIDIRRLSLSDTGKIKDKSGEV    | IGNRTKVKVVKNKVAPPFKSAEFDIMYEGGVSKVGEILD          | VATDLDIILQKSGSWFSYQ    | 307           |
| consensus                                   | *!!**!* *                   | * ** *****!!*!!*!!* *                            | *****!**** ***** **    | *** ! !*****! |

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consensus

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| consensus                                   |     |     |  |

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