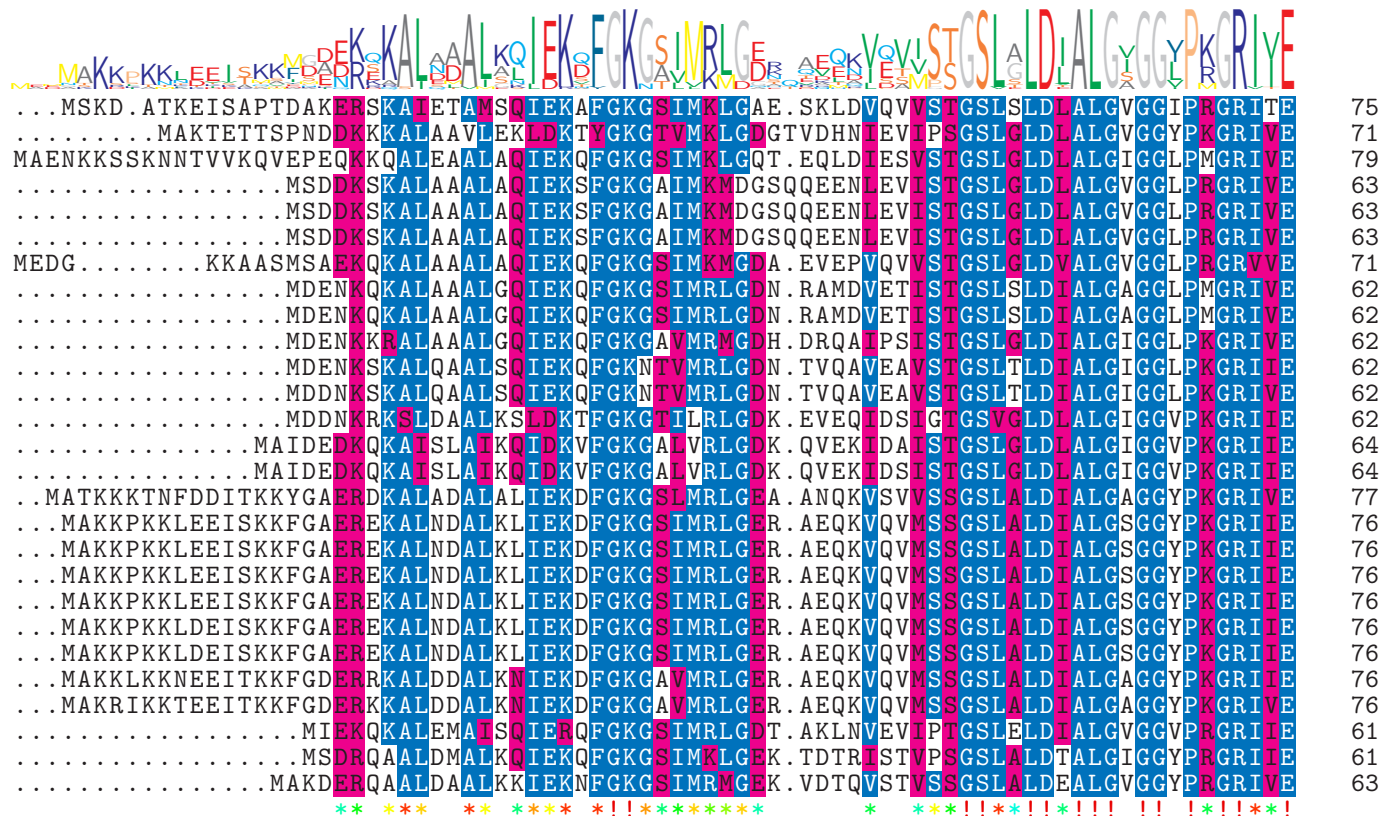


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consensus

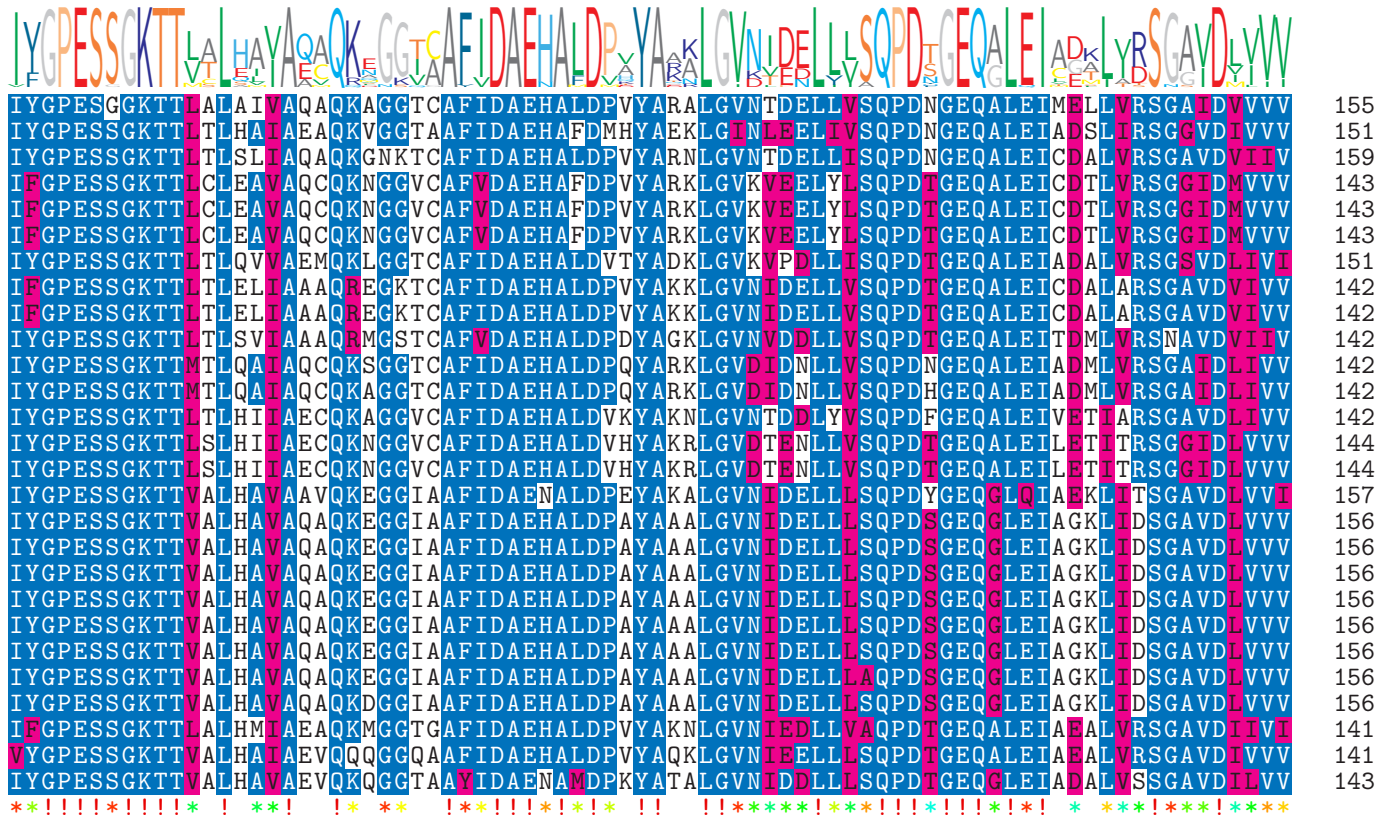
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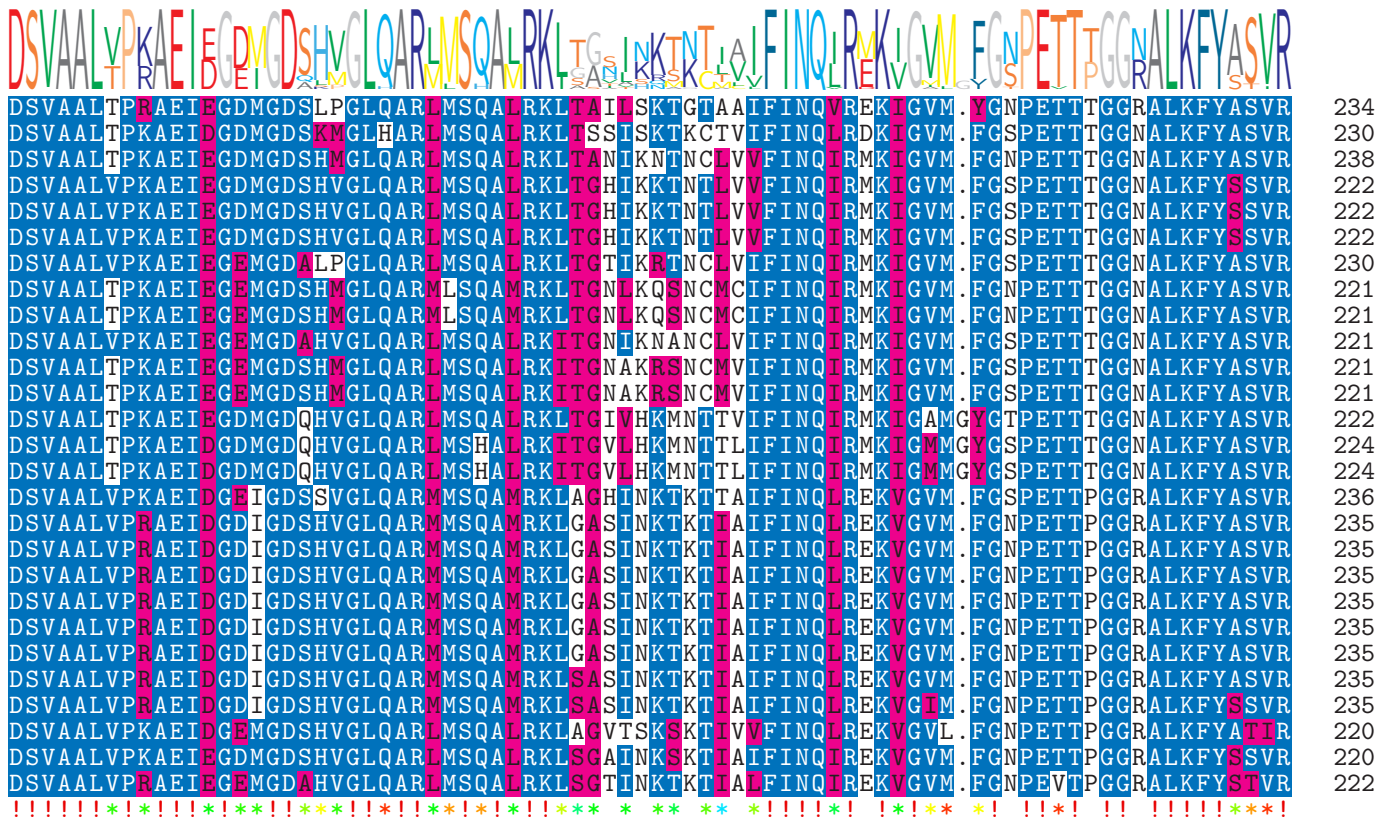
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consensus

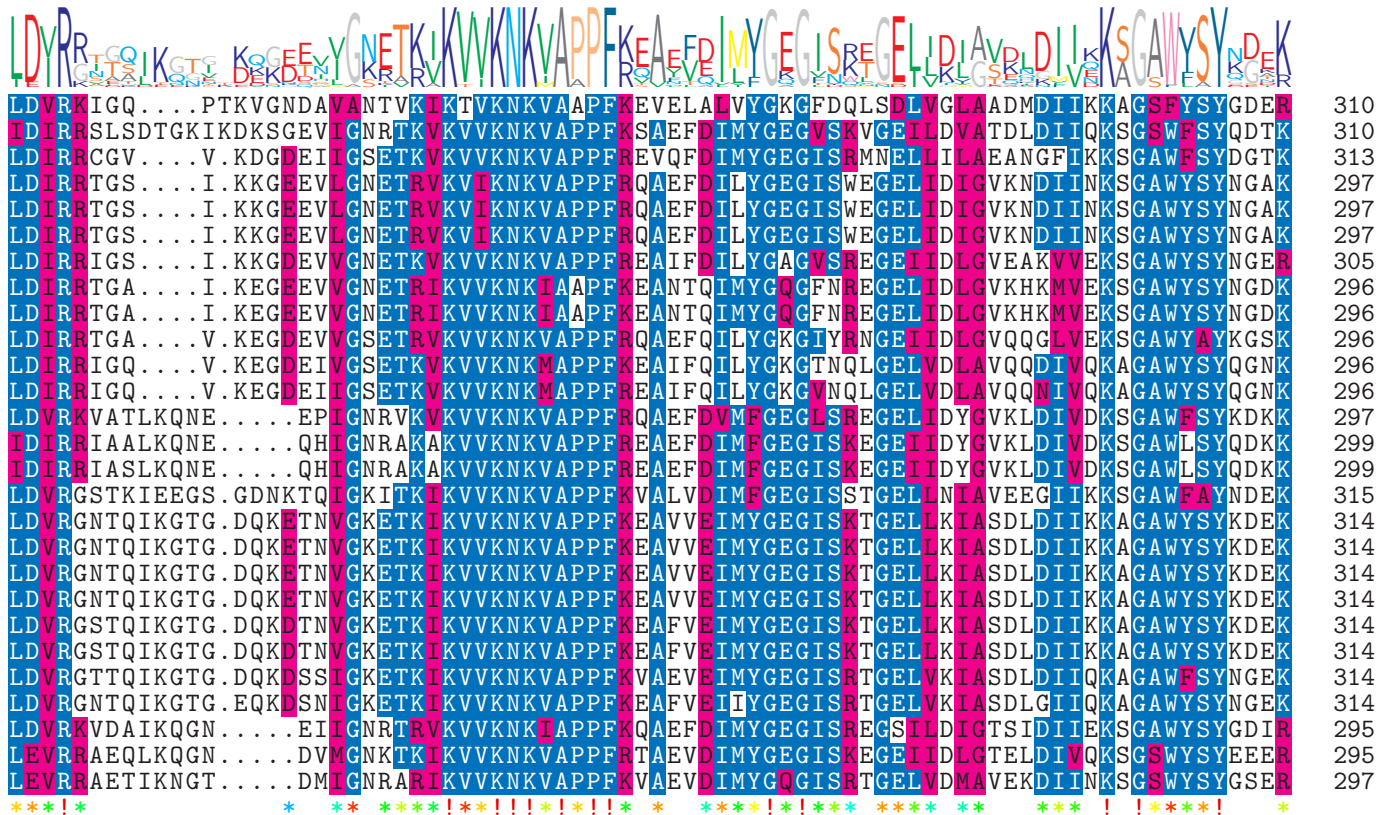
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consensus

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| NTDB id 1313 DR RS12030 WP 010888966.1       | IGQCKEKTIAVIAERPEMEQEIRDRVMAAIRAGNAGEAPALAPAPA.....APEAAEA.....                 | 363 |
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| NTDB id 1427 RS RS02760 WP 011000510.1       | IGQGRDNCREFLRENAREIENKVREHLCTPMGAVTLA.EEEVED.....                               | 352 |
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| NTDB id 228 SPD RS09265 WP 001085462.1       | IGQGSENAKKYLYAEHPFIFDEIDKQVRSKFCIDGEEVSEQDTENKKDE...PKKEEA..VNEEVPLDLGDELEIEIEE | 388 |
| NTDB id 194 SPR RS08825 WP 001085462.1       | IGQGSENAKKYLYAEHPFIFDEIDKQVRSKFCIDGEEVSEQDTENKKDE...PKKEEA..VNEEVPLDLGDELEIEIEE | 388 |
| NTDB id 159 SP RS09750 WP 001085462.1        | IGQGSENAKKYLYAEHPFIFDEIDKQVRSKFCIDGEEVSEQDTENKKDE...PKKEEA..VNEEVPLDLGDELEIEIEE | 388 |
| NTDB id 499 SM12261 RS08315 WP 078228268.1   | IGQGSENAKKYLYADNPEIFDEIDHQVRVQFCIDGEEIAES...KKDE...AAQVDS..VNEEVTLDLGDELEIEIEE  | 384 |
| NTDB id 527 SMSK321 RS11065 WP 001085454.1   | IGQGSENAKKYLYADNPEVFAEIDHQVRVQFCIDGEEAAES...KKDE...VAQVDS..VNEEVTLDLGDELEIEIEE  | 384 |
| NTDB id 453 Spy49 1753c ACI62003.1           | IGQGSENAKRYLYADHPQLFDEIDRKVVRVKFCILEESEEESAMAVASE.....E.....TDDLALDLDNNGIEIED.. | 378 |
| NTDB id 408 SMU RS09530 WP 002262392.1       | IGQGSENAKKFLADNPEIFDDIDHKVVRVQYCLIEEDNTEEKQSSKEK.....ETDEK..ADKNLVLELDDTIELED.. | 383 |
| NTDB id 29894 TETH514 RS08195 WP 003866772.1 | LGQGRENAKQFLKENKEIADEIERKIRENFNLAYNKIKSSPDAIVE.....                             | 341 |
| NTDB id 115 BSU 16940 NP 389576.2            | LGQGRENAKQFLKENKDIMLMIQEQIREHYCLDNNGVVQQQAEETQEELE.FE.E.....                    | 348 |
| NTDB id 625 LCA RS02525 WP 011374196.1       | IGQGRENAKNYLYADHEDVEDEVRLKVRAYCTSDVPEEDLPTEDE.QIN..ILPD.....DSTEE....           | 355 |
| consensus                                    | *!!!***** * * ***** ***** * * * *                                               |     |

- ☒ non conserved
- ☒ similar
- ☒ ≥ 50% conserved