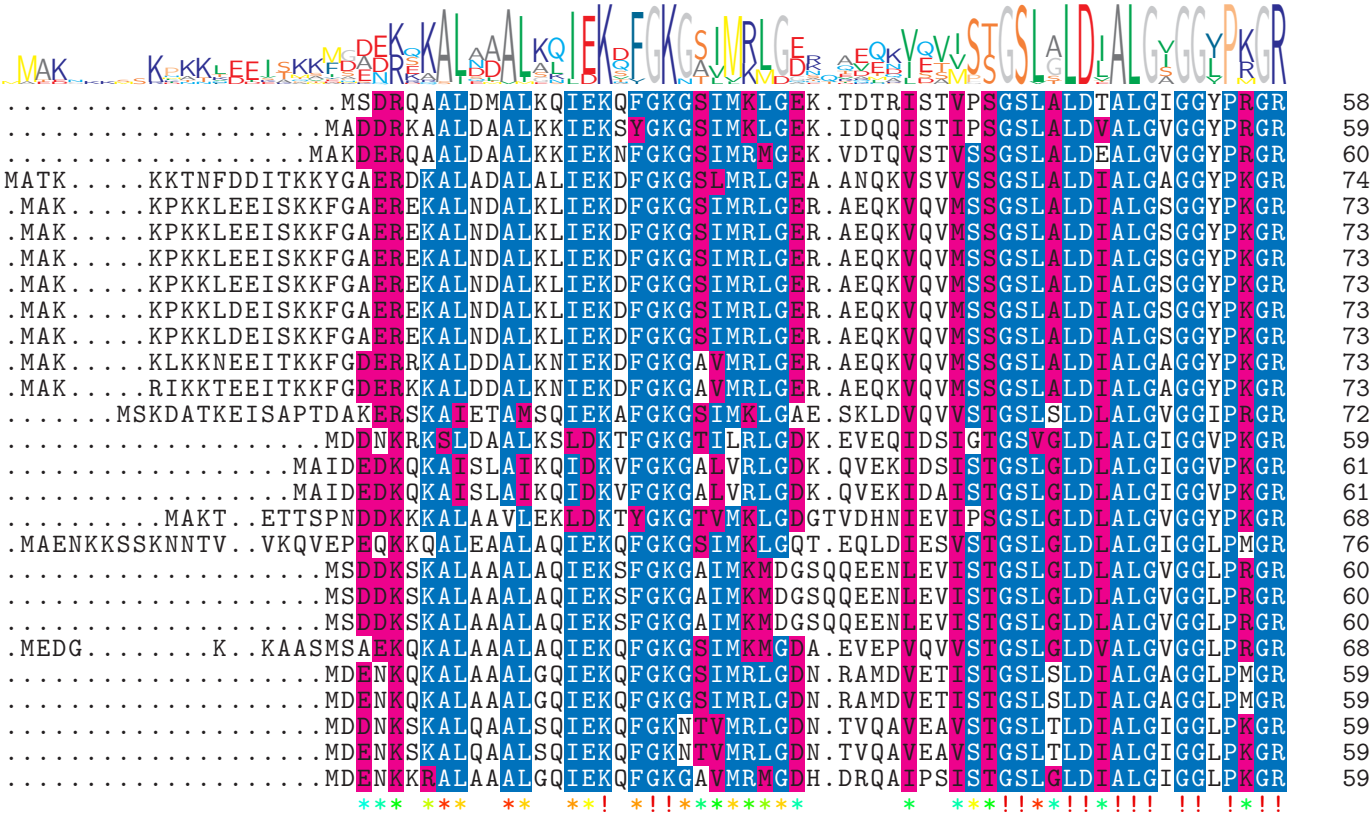


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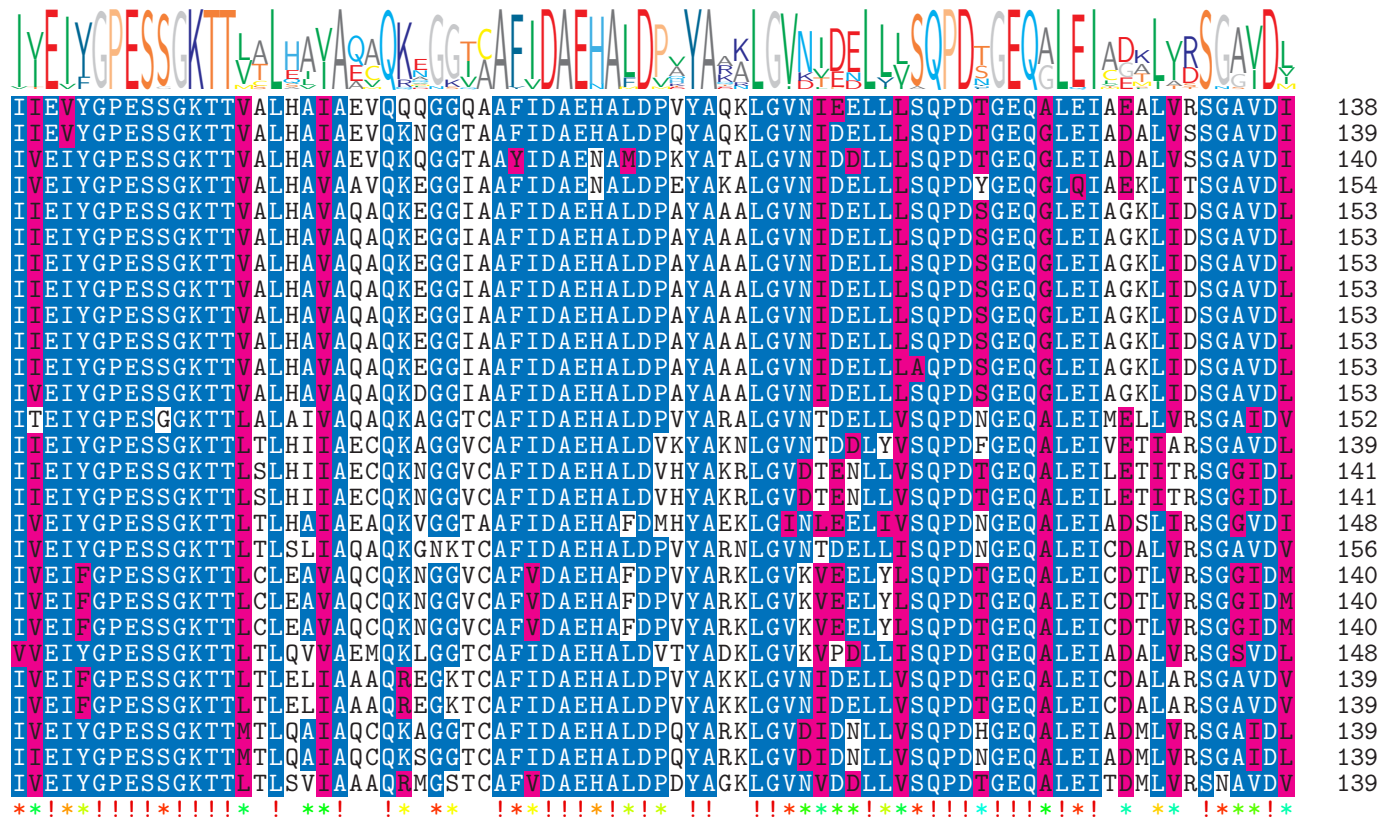
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consensus



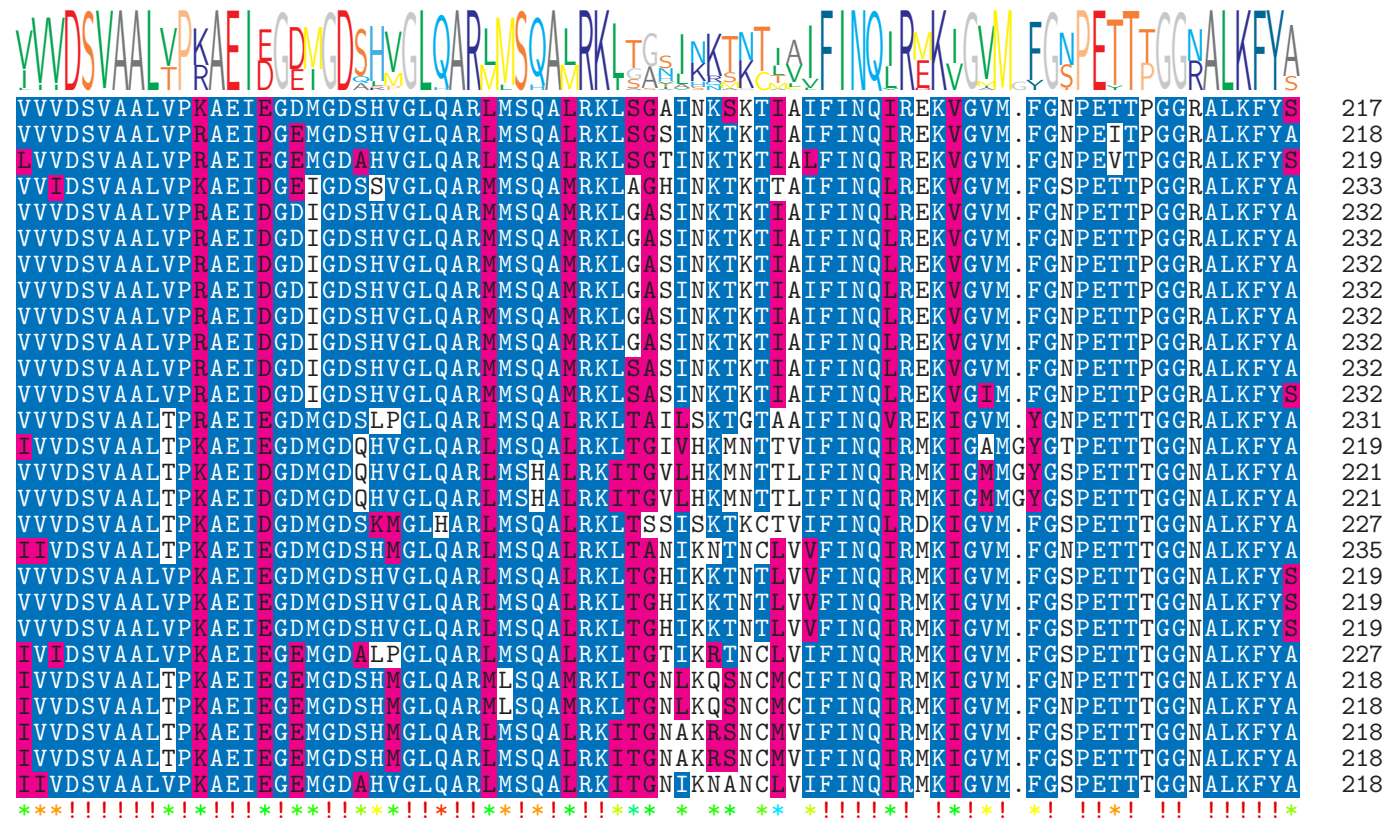
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consensus

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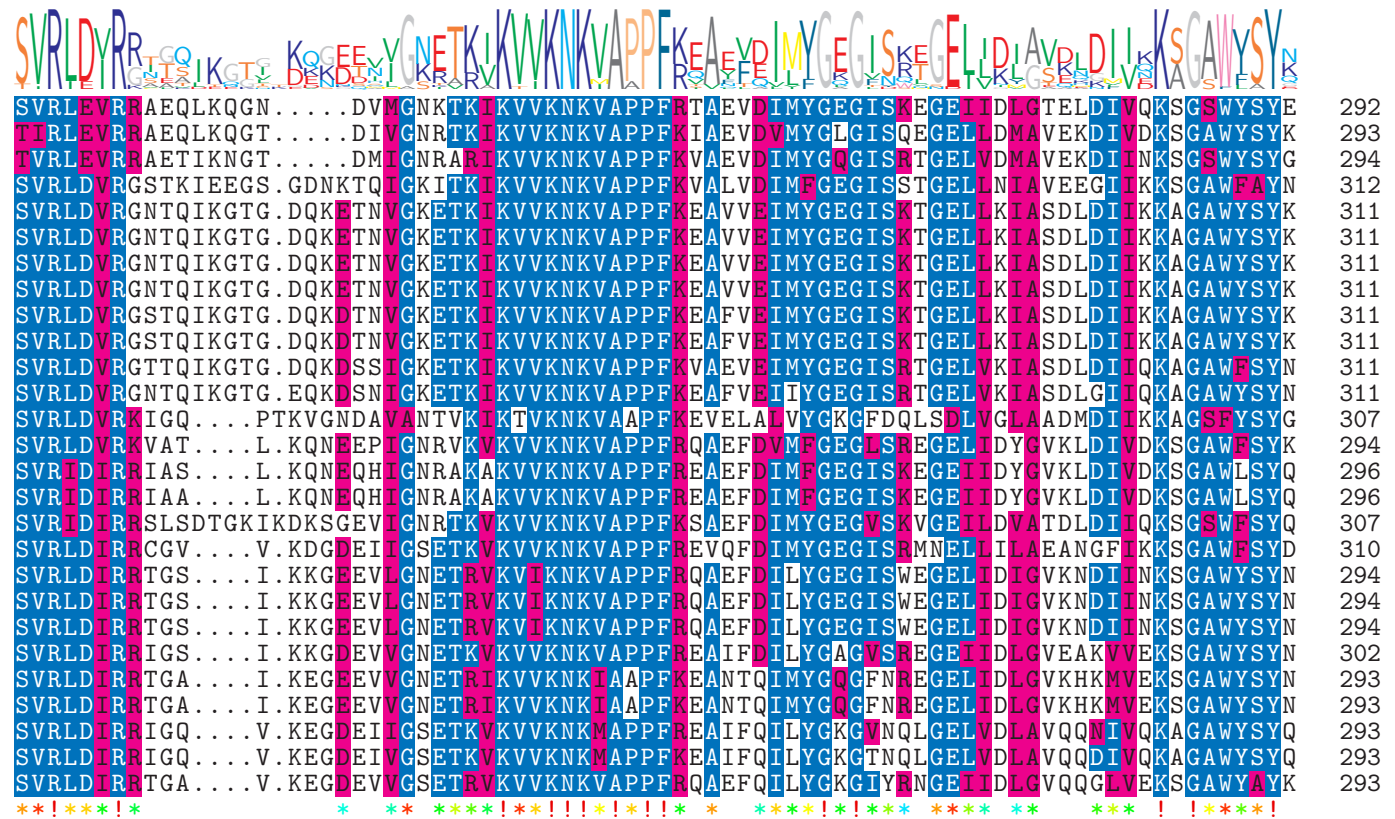
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NTDB id 1074 ABD1 RS10195 WP 000344167.1
NTDB id 1205 PSJM300 05545 AFN77183.1
consensus

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|                                             |                                                                                   |     |
|---------------------------------------------|-----------------------------------------------------------------------------------|-----|
| NTDB id 115 BSU 16940 NP 389576.2           | EERIGQGRENAKQFLKENKDIIMLMIQEQIREHYGLDNNGVVQQQAETQEEL.....EFEE.....                | 348 |
| NTDB id 343436 EWM55 RS14520 WP 002287328.1 | EDRIGQGRENAKIYMANHPEMMAEVSALVRAAYGIGEEVAVPEDEKG.QEEL.....PLVEE.....               | 349 |
| NTDB id 625 LCA RS02525 WP 011374196.1      | SERIGQGRENAKNYLADHEDVEDEVRLKVRAAYGISDVPEEDLPTE.DEQI.....NILPDDSTEE..              | 355 |
| NTDB id 600 KW2 RS01765 WP 011675413.1      | DEKIGQGAEKAKNYLKEHQDVFDEIDHKVRAAHGLDDSEVAETEEETTASHTKAKAKKEEKAVETEEIELELED.....   | 387 |
| NTDB id 269 KZH43 RS08665 WP 001085462.1    | DEKIGQGSSENAKKYLAEHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE....PKKEEA..VNEEVPLDLGDELEIE | 385 |
| NTDB id 228 SPD RS09265 WP 001085462.1      | DEKIGQGSSENAKKYLAEHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE....PKKEEA..VNEEVPLDLGDELEIE | 385 |
| NTDB id 194 SPR RS08825 WP 001085462.1      | DEKIGQGSSENAKKYLAEHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE....PKKEEA..VNEEVPLDLGDELEIE | 385 |
| NTDB id 159 SP RS09750 WP 001085462.1       | DEKIGQGSSENAKKYLAEHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE....PKKEEA..VNEEVPLDLGDELEIE | 385 |
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| NTDB id 453 Spy49 1753c ACI62003.1          | GEKIGQGSSENAKRYLADHPQLFDEIDRKVRVKFGLLEESEEEESAMAVASE.....E.....TDDLALDLNGIEIE     | 377 |
| NTDB id 408 SMU RS09530 WP 002262392.1      | GEKIGQGSSENAKKFLADNPEIFDDIDHKVRVQYGLIEEDNTEEKQSSKEK.....ETDEK..ADKNLVLELDDTIELE   | 382 |
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| NTDB id 1334 RAOC RS04870 WP 004918236.1    | DTKLGQGRDITVKELIKDNPELAEELEAKIREKLQAK.....                                        | 343 |
| NTDB id 1389 A4U84 RS07560 WP 021112712.1   | GTKIGQGGKNNAVKWLKENPEIADKLEQEIRNTLASNPNS....VLKATASDSNDES.....DVEEFSEEL...        | 372 |
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| NTDB id 1022 ACIAD RS06390 WP 004925639.1   | GNKIGQGGKNNVIRYFEENNQIAEEIERNIREQLLTGASD....QTAA.HDETEEEP.....DLL..ES.....        | 349 |
| NTDB id 1074 ABD1 RS10195 WP 000344167.1    | GNKIGQGGKNNVIRYFEENNQIAEEIERNIREQLLTGASD....GAVQ.I.EDEEEP.....DLL..LES.....       | 349 |
| NTDB id 1205 PSJM300 05545 AFN77183.1       | GSKIGQGGKANAAKYLEENPEIGQEIEQQIRAKLLVTSAN....TKATPVAEDLADA.....DI.....             | 347 |
| consensus                                   | ***!!!***** ** * *** ***** ** **                                                  |     |

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|                |                                |     |     |
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| consensus      |                                |     |     |

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