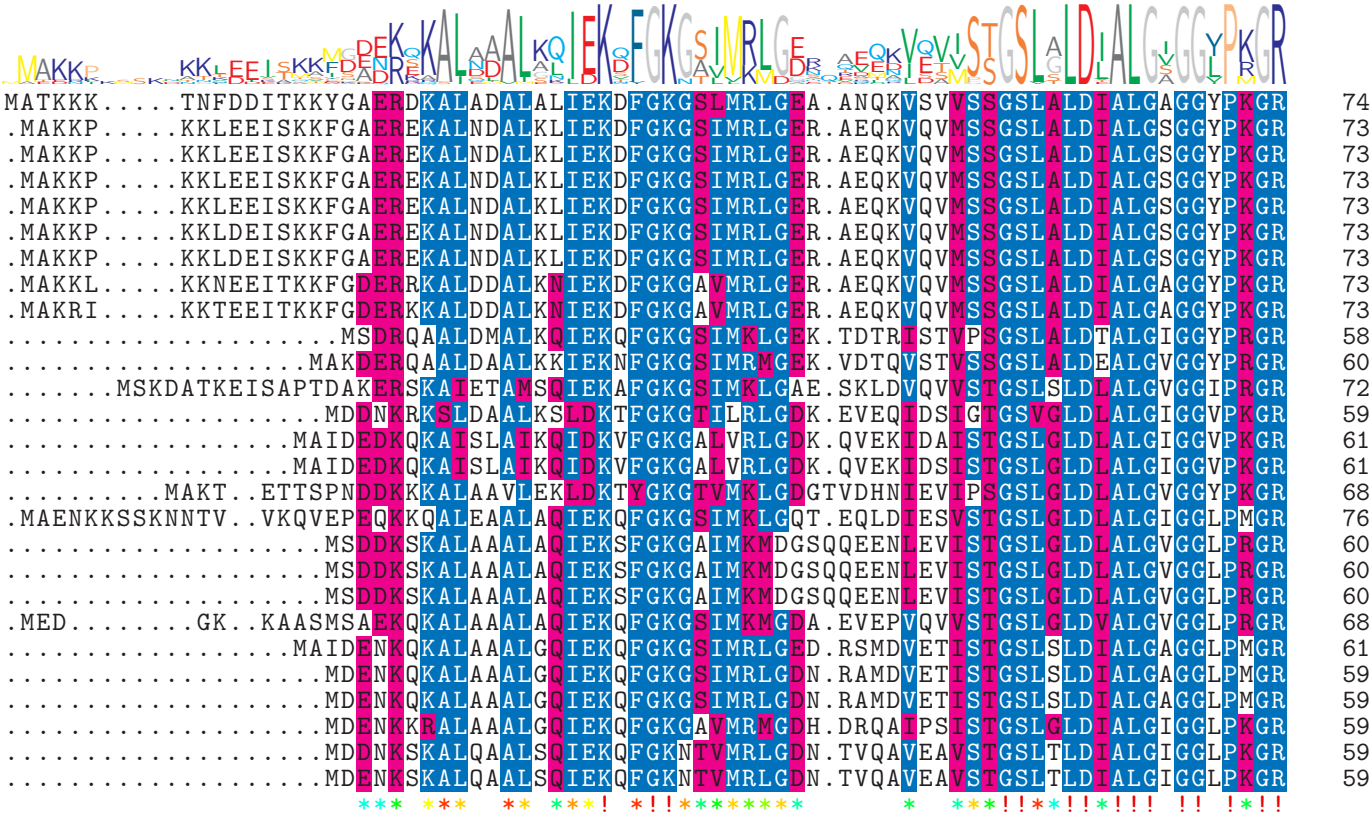
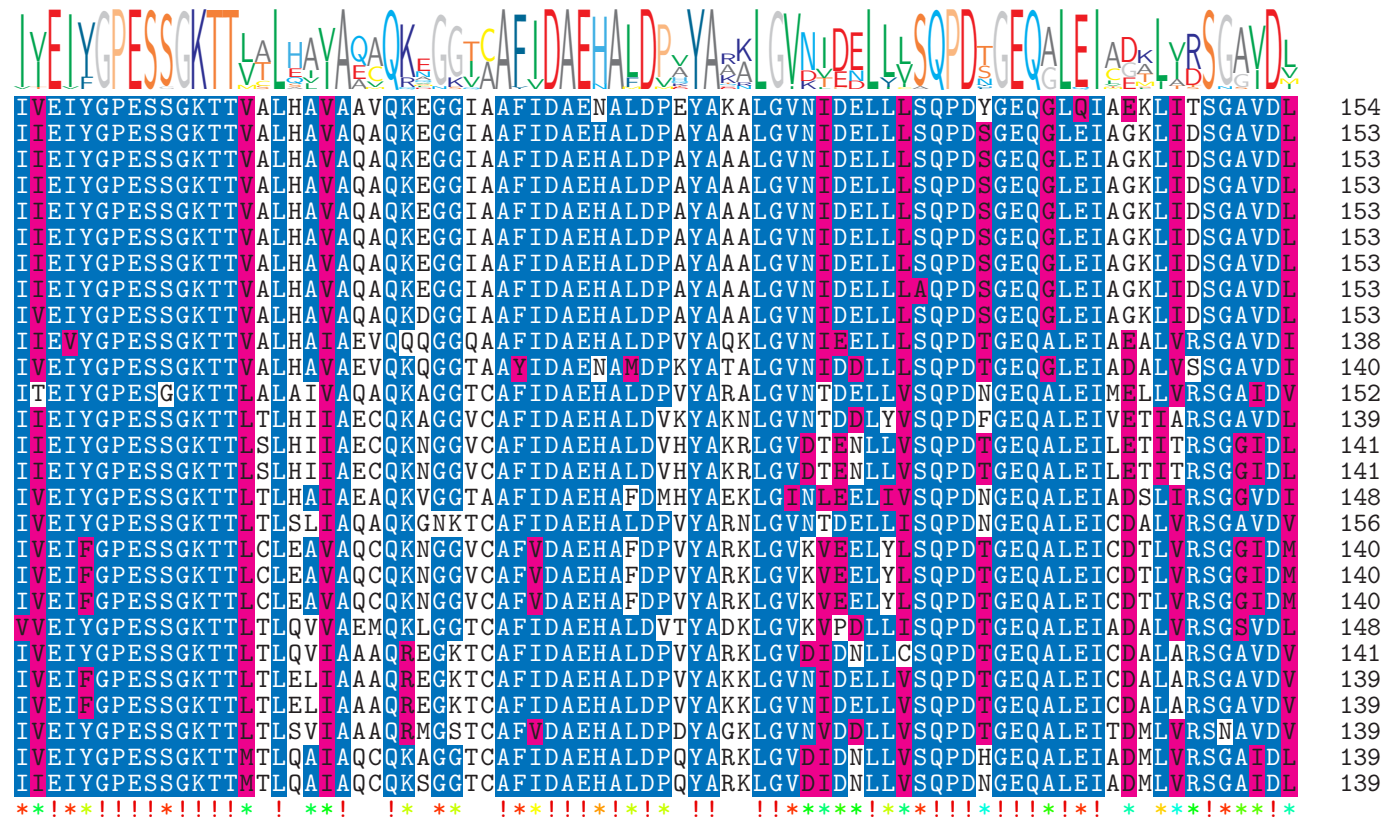


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consensus



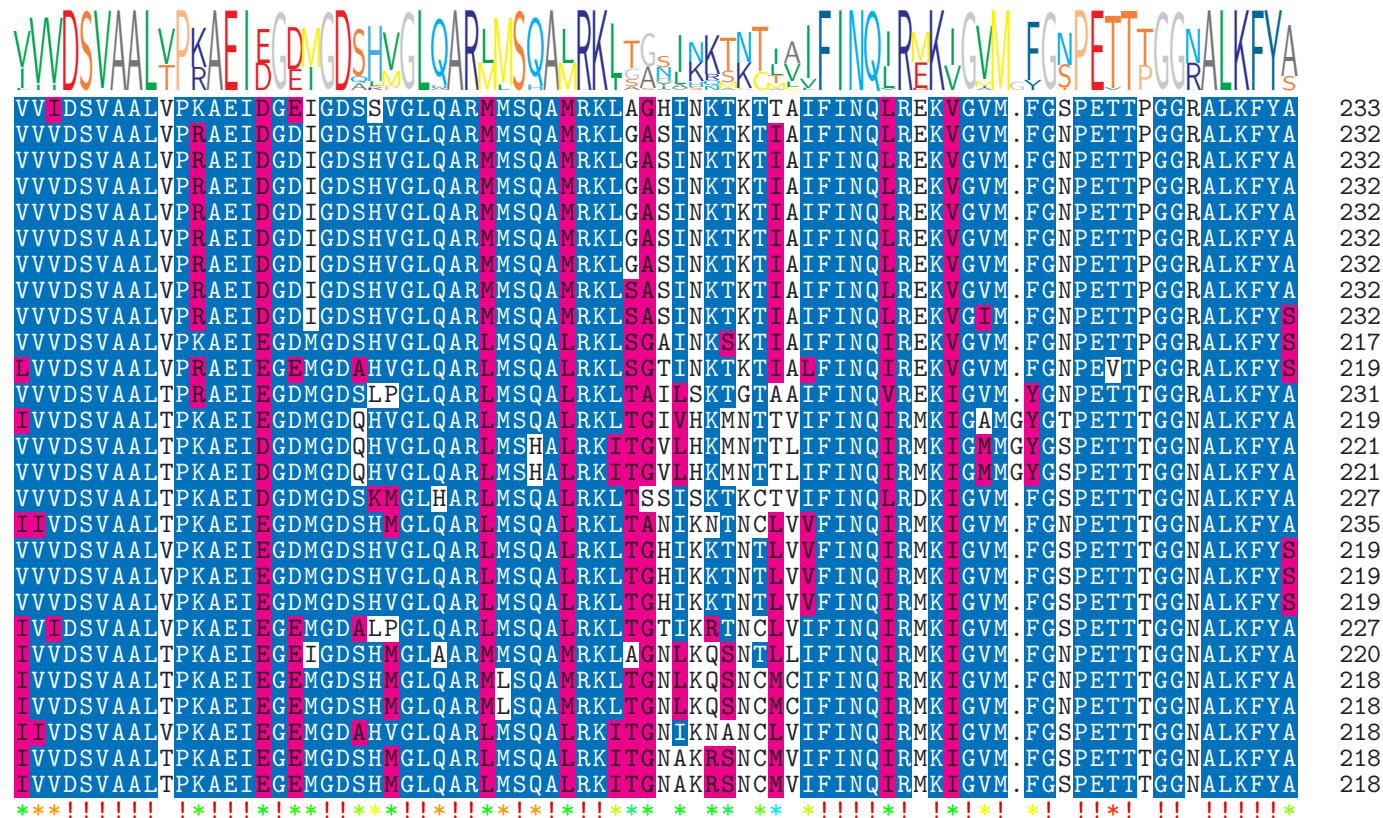
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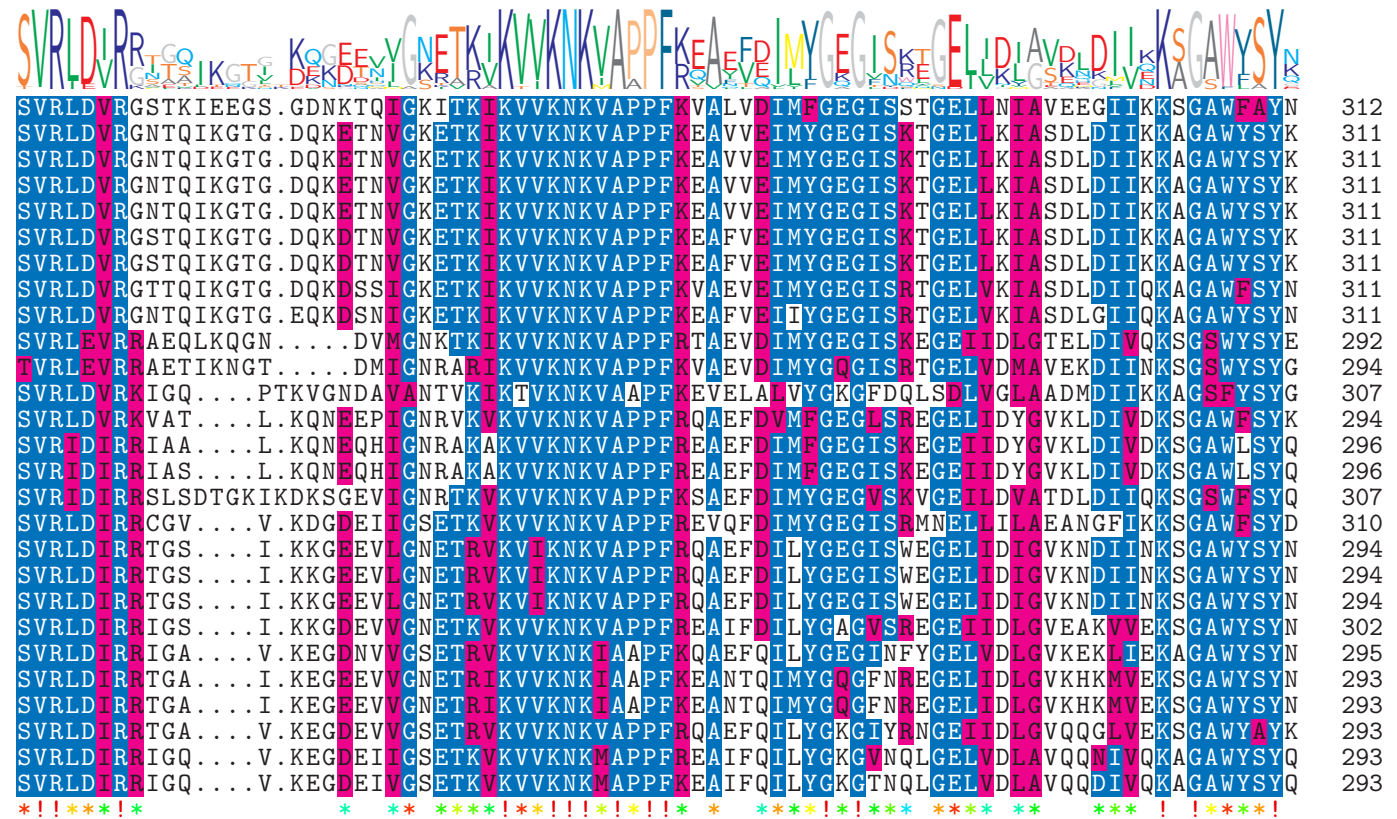
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consensus

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|----------------------------------------------------------------------------------------------------------------|-----|
| <b>G</b> E <b>KIGQG</b> <b>KENAKKYLYKENPEIAD</b> <b>EIDDKYRERESGLDREVEEETEEKDE</b> <b>FEEFEEVNEELDLGDELEIE</b> |     |
| DEKIGQGAEKAKNYLKEHQDVFEIDHKKVRAAHGLDDSEVAETEETTASKTKAKAKKEEKAVETEEIELELED . . . . .                            | 387 |
| DEKIGQQSENAKKYLAEHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE . . . PKKEEA . VNEEVPLDLGDELEIE                           | 385 |
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| DEKIGQQSENAKKYLAHNPEIFDEIDHQRVVFGLIDGEEIAES . . . KKDE . . . AAQVDS . VNEEVTLDLGDELEIE                         | 381 |
| DEKIGQQSENAKKYLANPEVFAEIDHQRVVFGLIDGEEAAES . . . KKDE . . . VAQVDS . VNEEVTLDLGDELEIE                          | 381 |
| GEKIGQQSENAKRYLADHPQLFDEIDRKVRVKFGLLEESEEESAMAVASE . . . . . E . . . . . TDDLALDLNGIEIE                        | 377 |
| GEKIGQQSENAKKFLADNPEIFFDIDHKVRVQYGLIEEDNTEEKSSKEK . . . . . ETDEK . ADKNLVLELDDTIELE                           | 382 |
| EERLGQGGRENAKQFLKENKDIMLMIQEQIREHYGLDNNGVVQQAEETQEEL.EFE.E . . . . .                                           | 348 |
| SERIGQGGRENAKNYLADHEDVEDEVRLKVRAAYGISDVPEEDLPPTTEDE.QI.NILPDDST . . . . EE . . . .                             | 355 |
| DERIGQGEKTIIATYIAERPMEQEIRDRVMMAAIRAGNAGEAPALAPAPAPEAA . . EA . . . . .                                        | 363 |
| DKKLGQGGRENSKAFLKENPEISDEITKAIQNSMGTIEGM . . . ISGSEDDEG . . . EE . . . . .                                    | 343 |
| DKKLGQGGRENAKALLKEDKALADEITLKIKESIGSNEE . . . IMPLPDEPL . . . EE . ME . . . . .                                | 347 |
| DKKLGQGGRENAKALLKEDKALADEITLKIKESIGSNEE . . . IMPLPDEPL . . . EE . ME . . . . .                                | 347 |
| DTKLGGGRDTPVKELIKDNPELAEELEAKIREKLQAK . . . . .                                                                | 343 |
| GTKIGQGGKNNNAVKWLKENPEIADKLEQIRNTLTASNPN . . . SVLKATASDSN . . DESDVEEFSESEL . . .                             | 372 |
| GAKIGQGGKDNVRVWVLKENPEISDEIDAKIRALNGVEMH . . . ITEG . . . . T . . QDETGDGERPEE . . .                           | 348 |
| GAKIGQGGKDNVRVWVLKENPEISDEIDAKIRALNGVEMH . . . ITEG . . . . T . . QDETGDGERPEE . . .                           | 348 |
| GAKIGQGGKDNVRVWVLKENPEISDEIDAKIRALNGVEMH . . . ITEG . . . . T . . QDETGDGERPEE . . .                           | 348 |
| GERIGQGGRDNCREFLRENAELAREIENKRVREHLGVTPM . . . GAVTLAE.EVE . . ED . . . . .                                    | 352 |
| GEKIGQGGKANATTWLKENPATACKIEKRRELLLSNQ . . . ATPDFAVD . . . DSEGVAETNEDF . . .                                  | 353 |
| GDKIGQGGKANACKYLKENPEIAKTLDDKKLREMLLNPEN . . . MQLIAETSSAA . DDVEFGAVPEEF . . .                                | 354 |
| GDKIGQGGKANACKYLKENPEIAKTLDDKKLREMLLNPEN . . . MQLIAETSSAA . DDVEFGAVPEEF . . .                                | 354 |
| GSKIGQGGKANAAKYLEENPEIGQIEEQIRAKLLVTSA . . . NTKATPVAEDL . . ADADI . . . . .                                   | 347 |
| GNKIGQGGKNNVIRYLEENPQISTEIEAVIREQLLTKAS . . . DQTAA.HDETE . . EEPDLLLES . . . . .                              | 349 |
| GNKIGQGGKNNVIRIFYENNQIAEIERNIEREQLLTGT . . . NGAVQ.I.EDE . . EEPDLLLES . . . . .                               | 349 |
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consensus

 non conserved  
 similar  
 ≥ 50% conserved