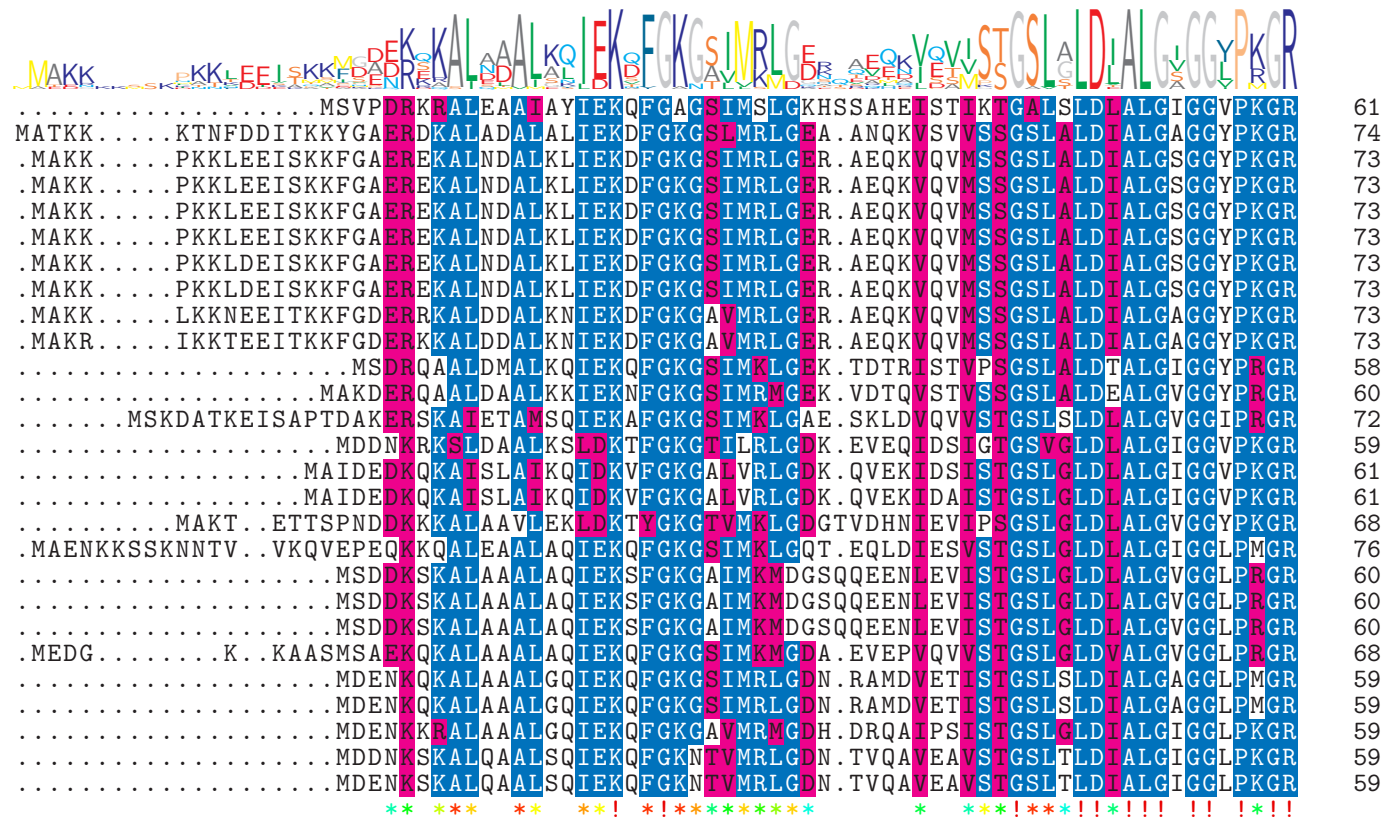


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NTDB id 1334 RA0C RS04870 WP 004918236.1
NTDB id 1389 A4U84 RS07560 WP 021112712.1
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NTDB id 1165 A1552VC RS01565 WP 000344154.1
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NTDB id 1022 ACIAD RS06390 WP 004925639.1
NTDB id 1074 ABD1 RS10195 WP 000344167.1
consensus

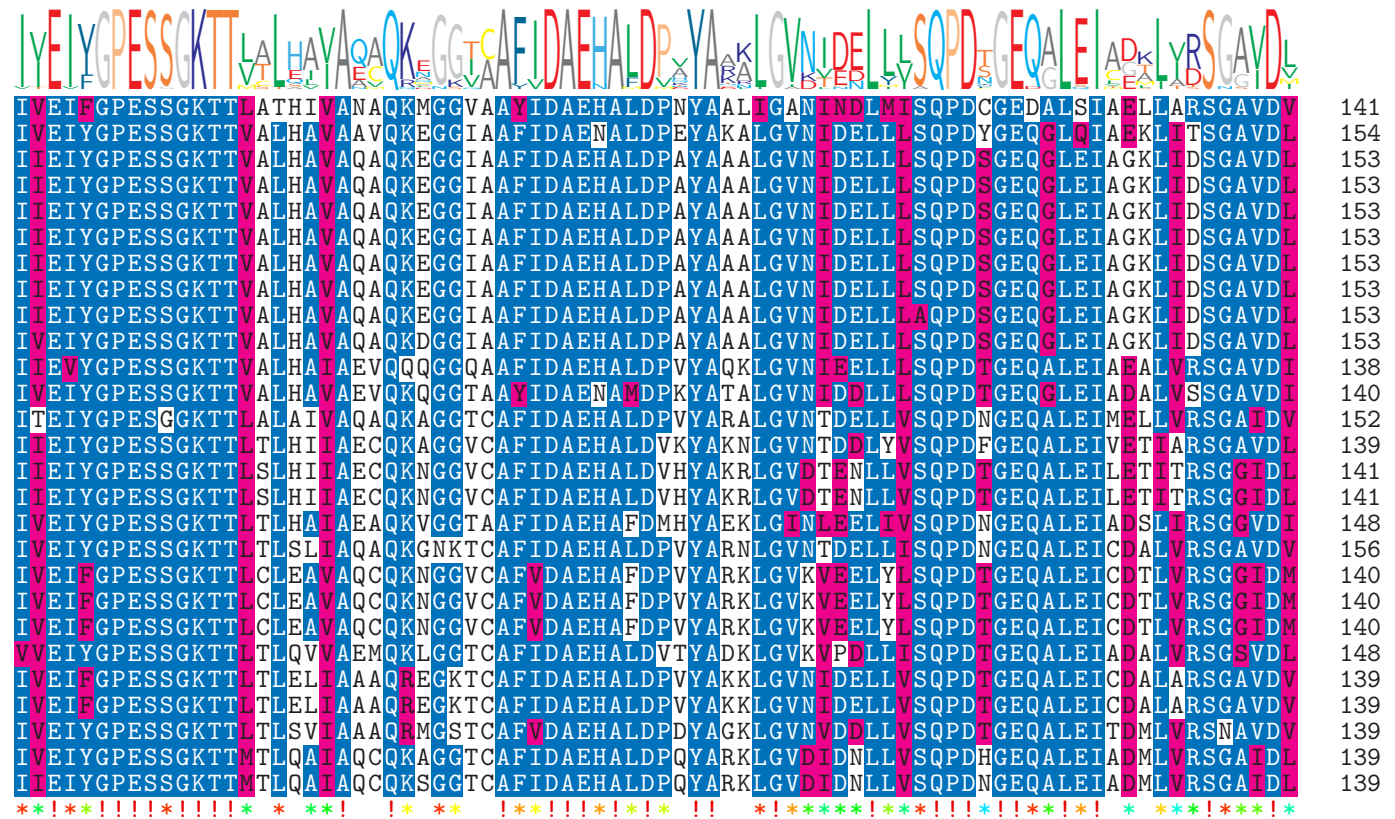
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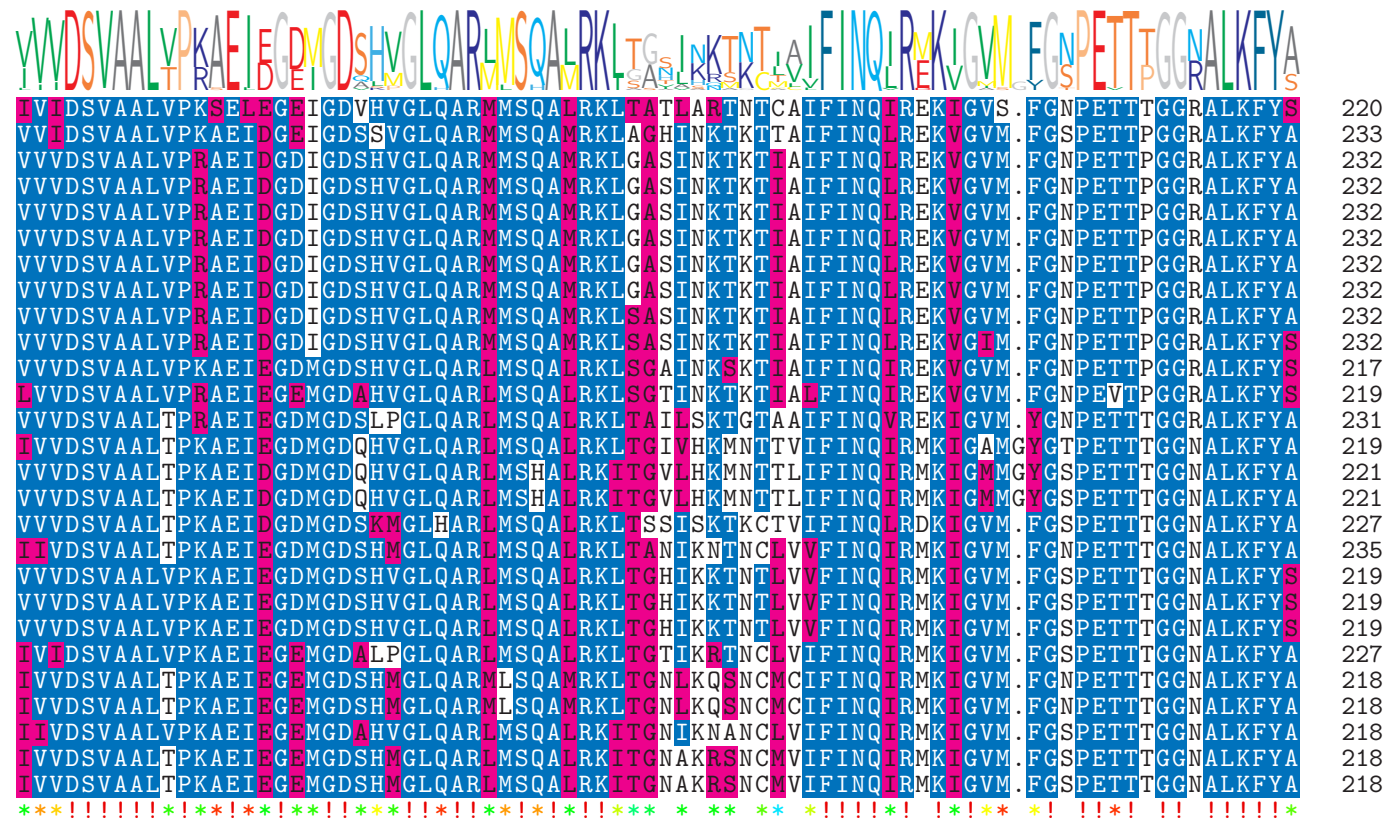
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NTDB id 1074 ABD1 RS10195 WP 000344167.1
consensus

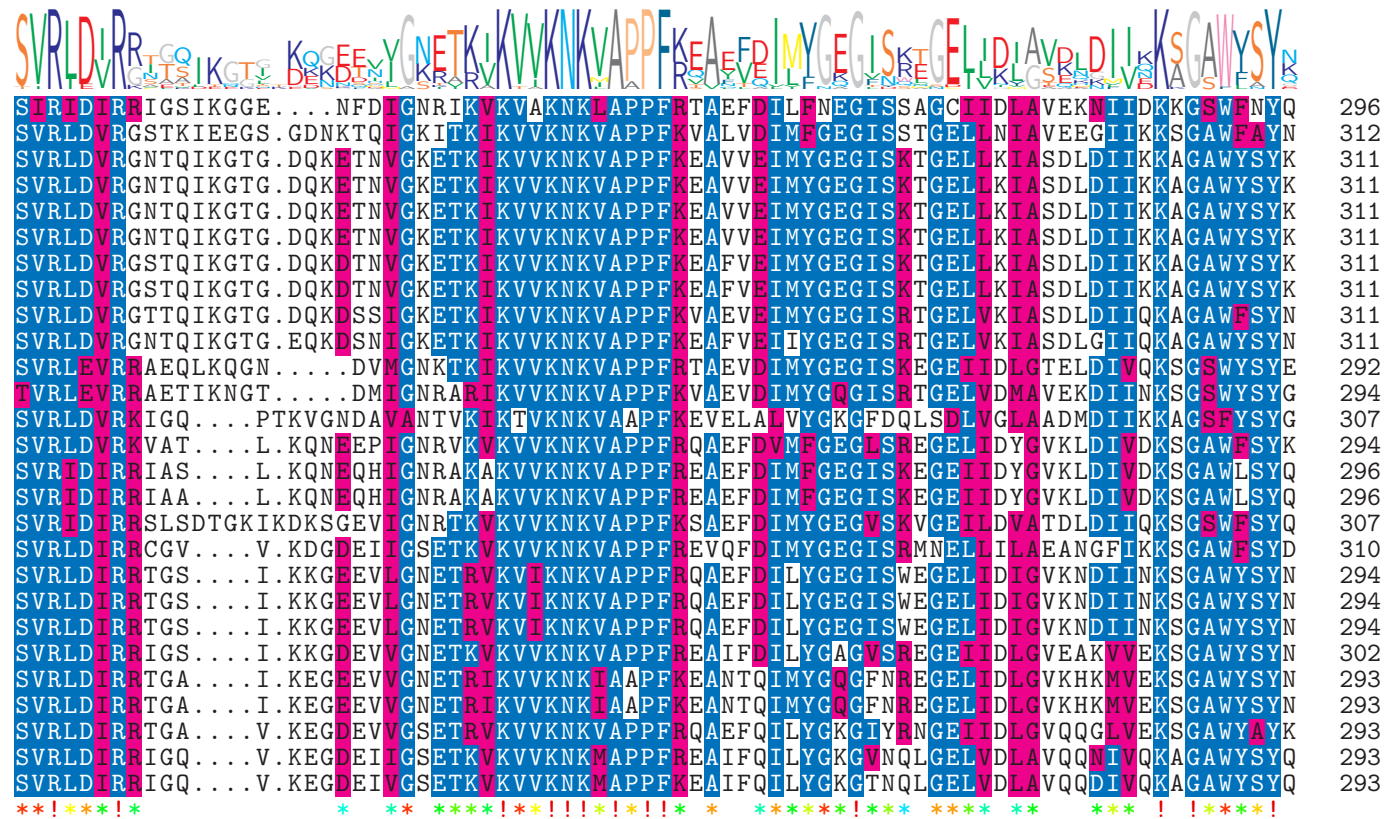
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consensus

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NTDB id 1022 ACIAD RS06390 WP 004925639.1  
NTDB id 1074 ABD1 RS10195 WP 000344167.1  
consensus

| Sequence                                                                          | Score |
|-----------------------------------------------------------------------------------|-------|
| DRKLGQGGREAVREELKRNKELFHELEERRIYESVQASQAPAAACVDSES...REVAEAAK                     | 352   |
| DEKIGQGGAEKAKNYLKEHQDVDFEIDHKVRAAHGLDDSEVAETEETETASKTAKAKKEEKAVETEIEIELED         | 387   |
| DEKIGQGSSENAKKYLAEHPEIFDEIDKQVRSKFGGLIDGEEVSEQDTENKKDE...PKKEEA..VNEEVPLDLGDELEIE | 385   |
| DEKIGQGSSENAKKYLAEHPEIFDEIDKQVRSKFGGLIDGEEVSEQDTENKKDE...PKKEEA..VNEEVPLDLGDELEIE | 385   |
| DEKIGQGSSENAKKYLAEHPEIFDEIDKQVRSKFGGLIDGEEVSEQDTENKKDE...PKKEEA..VNEEVPLDLGDELEIE | 385   |
| DEKIGQGSSENAKKYLAEHPEIFDEIDKQVRSKFGGLIDGEEVSEQDTENKKDE...PKKEEA..VNEEVPLDLGDELEIE | 385   |
| DEKIGQGSSENAKKYLADNPEIFDEIDHKVVRVQFGLIDGEEIAES...KKDE...AAQVDS..VNEEVTLDLGDLEIE   | 381   |
| DEKIGQGSSENAKKYLADNPEVFAEIDHKVVRVQFGLIDGEEAAES...KKDE...VAQVDS..VNEEVTLDLGDLEIE   | 381   |
| GEKIGQGSSENAKRYLADHPQLFDEIDRKVRVKFGLLEESEESAMAVASE...E...TDDLALDLNGIEIE           | 377   |
| GEKIGQGSSENAKKFLADNPEIFDDIDHKVVRVQYGLIEEDNTEEKQSSKEK...ETDEK..ADKNLVLELDDTIELE    | 382   |
| EERLGQGGRENAKQFLKENKDIMLMIQEIREHYGLDNNGVVQQAAETQEEL.EFE.E                         | 348   |
| SERIGQGRENAKNYLADHEDVEVLKVRVRAAYGISDVPPEEDLPTTEDE.QI.NILPDST...EE                 | 355   |
| DERIGQGEKTIATYIAIERPEMEQEIRDRVMAAIRAGNAGEAPALAPAPAAPEAAE..A                       | 363   |
| DKKLGQGGRENSKAFLENPEIADBITKAIQNSMGTIEGMI...SGSEDDE..GE..E                         | 343   |
| DKKLGQGGRENAKALLKEDKALADEITLKIKESIGSNEEI...MPLPDEP..LE..EME                       | 347   |
| DKKLGQGGRENAKALLKEDKALADEITLKIKESIGSNEEI...MPLPDEP..LE..EME                       | 347   |
| DTKLGGGRDITVKELIKDNPELADAELEAKIREKLQAK                                            | 343   |
| GKIGQGKNNAVKWLKENPEIADKLEQEIRNTLASNPNS...VLKATASDSND..ESDVVEEFSEEL                | 372   |
| GAKIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHI...TEGT...Q..DETDERPEE                     | 348   |
| GAKIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHI...TEGT...Q..DETDERPEE                     | 348   |
| GAKIGQGKDNVRVWLKENPEISDEIDAKIRALNGVEMHI...TEGT...Q..DETDERPEE                     | 348   |
| GERIGQGRDNCREFLENARLEIENKVRHLGVTPMG...AV.TLAEVEVE..D                              | 352   |
| GDKIGQGKANACKYLNKENPEIAKTLDKKLREMLLNPNEM...QLIAETSSAAD..DVEFGAVPEEF               | 354   |
| GDKIGQGKANACKYLNKENPEIAKTLDKKLREMLLNPNEM...QLIAETSSAAD..DVEFGAVPEEF               | 354   |
| GSKIGQGKANAAKYLEENPEIGQIEEQIRAKLLVTSAN...TKATPVAEDLA..DADI                        | 347   |
| GNKIGQGKNNVIRYLEENPQISTEIEAVIREQLLTKASD...QTAA.HDETEE..EPDLL..ES                  | 349   |
| GNKIGQGKNNVIRIFYENNQIAEIERNIREQLLTGTN...GAVQ.I.EDEE..EPDLL..LES                   | 349   |

logo

|                                             |     |     |  |
|---------------------------------------------|-----|-----|--|
|                                             |     | IEE |  |
| NTDB id 57708 L1115 RS03465 WP 009872817.1  | ... | 352 |  |
| NTDB id 600 KW2 RS01765 WP 011675413.1      | ... | 387 |  |
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| NTDB id 228 SPD RS09265 WP 001085462.1      | IEE | 388 |  |
| NTDB id 194 SPR RS08825 WP 001085462.1      | IEE | 388 |  |
| NTDB id 159 SP RS09750 WP 001085462.1       | IEE | 388 |  |
| NTDB id 499 SM12261 RS08315 WP 078228268.1  | IEE | 384 |  |
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| consensus                                   |     |     |  |

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