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|---------------------------------------------|--|----------------------------------------------------------------------------------|----|
|                                             |  | MSXLSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLAVQPDPAAL  | 79 |
| NTDB id 1306 DR RS10060 WP 027479822.1      |  | .MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLAVQPDPAAL  | 79 |
| NTDB id 1028 TT RS08215 WP 011173991.1      |  | MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK | 80 |
| NTDB id 1110 NGFG RS09235 WP 003689817.1    |  | .....                                                                            | 0  |
| NTDB id 1168 A1552VC RS11070 WP 000957200.1 |  | .....                                                                            | 0  |
| NTDB id 1293 VP RS12240 WP 005479695.1      |  | .....                                                                            | 0  |
| NTDB id 1401 DSB67 RS12665 WP 010643259.1   |  | .....                                                                            | 0  |
| NTDB id 1251 GC085 RS07725 WP 011946523.1   |  | .....                                                                            | 0  |
| NTDB id 317704 D7032 RS02335 WP 208192726.1 |  | .....                                                                            | 0  |
| NTDB id 1058 ABD1 RS01615 WP 001274986.1    |  | .....                                                                            | 0  |
| NTDB id 1018 ACIAD RS01685 WP 004920473.1   |  | .....                                                                            | 0  |
| consensus                                   |  |                                                                                  | 0  |

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|---------------------------------------------|--|-----------------------------------------------------------------------------------|-----|
|                                             |  | RSIRPQTALNLQAFPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLLEIVVPSGA | 157 |
| NTDB id 1306 DR RS10060 WP 027479822.1      |  | RSIRPQTALNLQAFPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLLEIVVPSGA | 157 |
| NTDB id 1028 TT RS08215 WP 011173991.1      |  | ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSEEEVDELTLGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P | 158 |
| NTDB id 1110 NGFG RS09235 WP 003689817.1    |  | .....                                                                             | 0   |
| NTDB id 1168 A1552VC RS11070 WP 000957200.1 |  | .....                                                                             | 0   |
| NTDB id 1293 VP RS12240 WP 005479695.1      |  | .....                                                                             | 0   |
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| NTDB id 1058 ABD1 RS01615 WP 001274986.1    |  | .....                                                                             | 0   |
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| consensus                                   |  |                                                                                   | 0   |

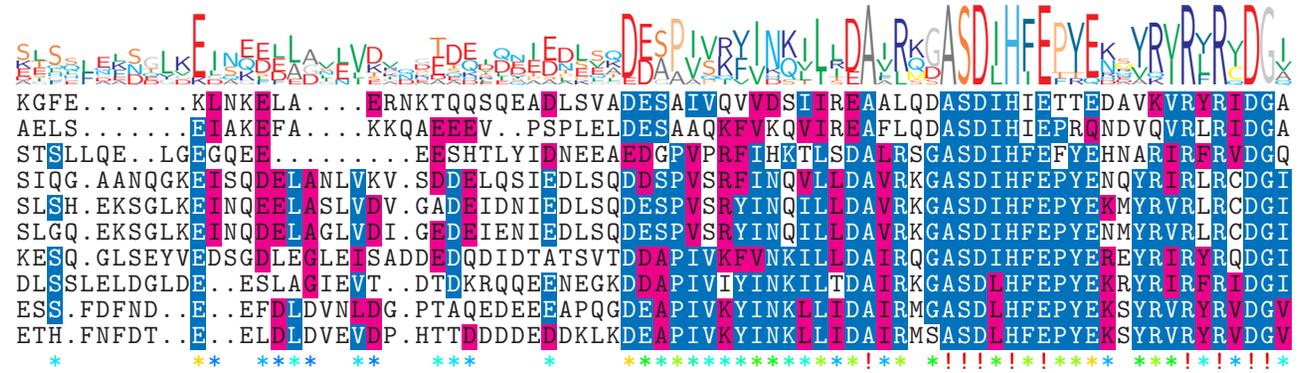
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|---------------------------------------------|--|----------------------------------------------------------------------------------|-----|
|                                             |  | SDAGRTGGKLGGERLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVL | 237 |
| NTDB id 1306 DR RS10060 WP 027479822.1      |  | SDAGRTGGKLGGERLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVL | 237 |
| NTDB id 1028 TT RS08215 WP 011173991.1      |  | SGEGQKDLKLGELLQKQWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAA  | 237 |
| NTDB id 1110 NGFG RS09235 WP 003689817.1    |  | .....                                                                            | 0   |
| NTDB id 1168 A1552VC RS11070 WP 000957200.1 |  | .....                                                                            | 0   |
| NTDB id 1293 VP RS12240 WP 005479695.1      |  | .....                                                                            | 0   |
| NTDB id 1401 DSB67 RS12665 WP 010643259.1   |  | .....                                                                            | 0   |
| NTDB id 1251 GC085 RS07725 WP 011946523.1   |  | .....                                                                            | 0   |
| NTDB id 317704 D7032 RS02335 WP 208192726.1 |  | .....                                                                            | 0   |
| NTDB id 1058 ABD1 RS01615 WP 001274986.1    |  | .....                                                                            | 0   |
| NTDB id 1018 ACIAD RS01685 WP 004920473.1   |  | .....                                                                            | 0   |
| consensus                                   |  |                                                                                  | 0   |



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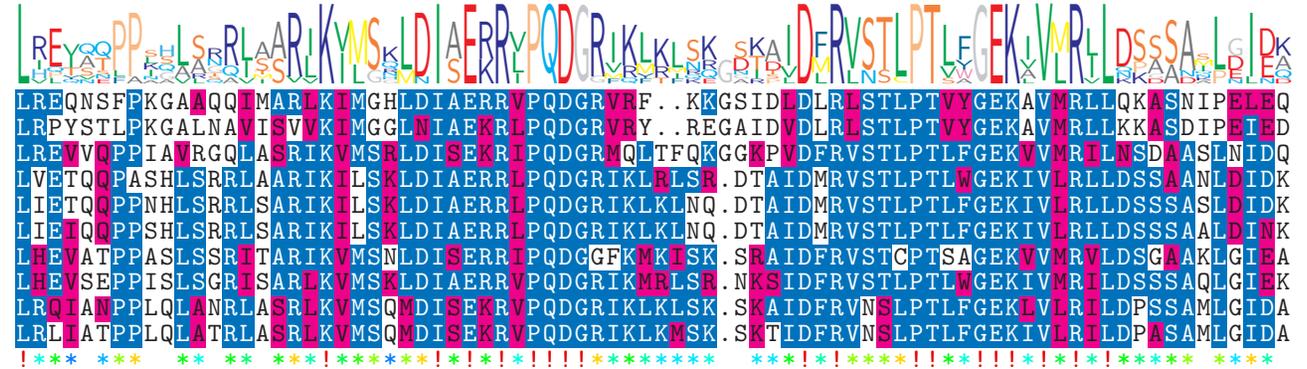
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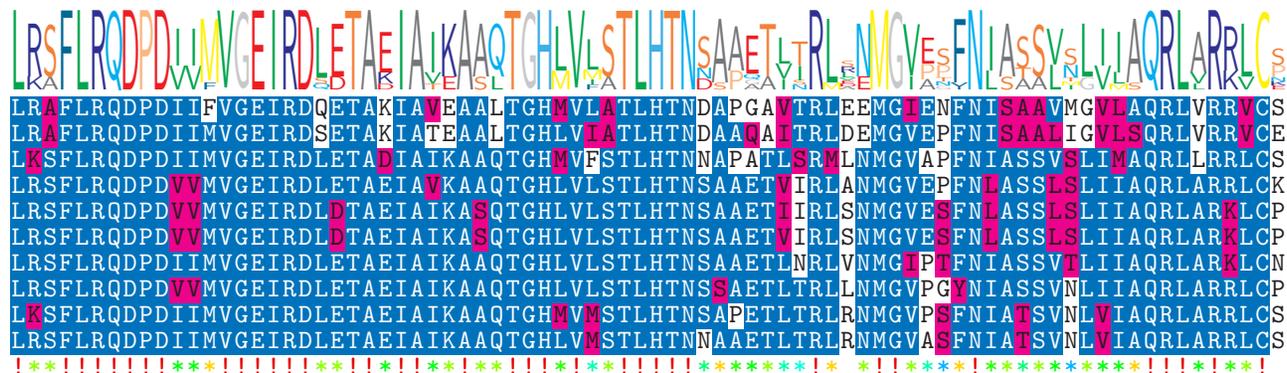
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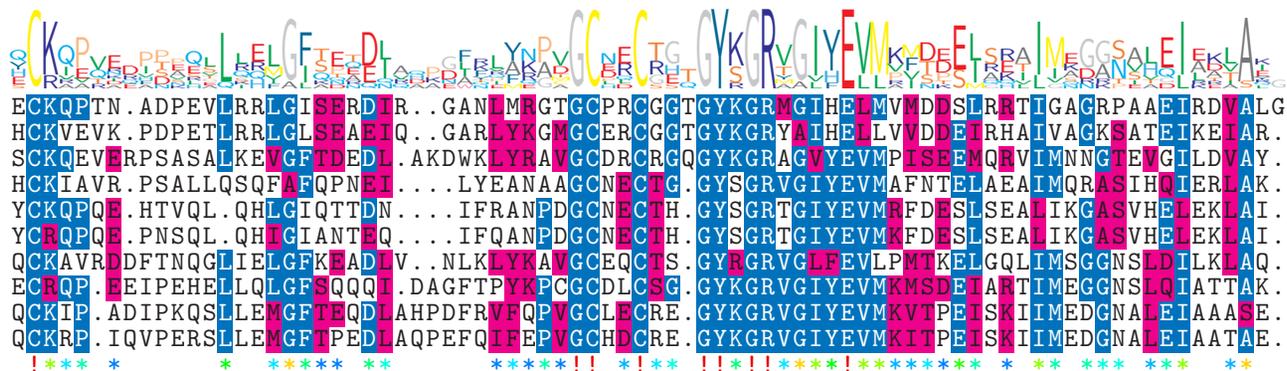
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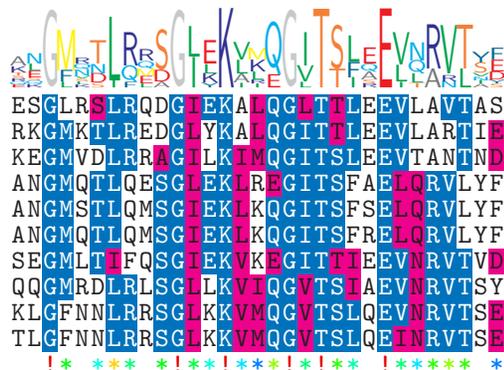
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non conserved  
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