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| | MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVEVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK | |
| NTDB id 1384 A4U84 RS08525 WP 010787006.1 | ..... | 0 |
| NTDB id 1366 NTHI RS01950 WP 011271972.1 | ..... | 0 |
| NTDB id 1355 HI 0298 AAC21962.1 | ..... | 0 |
| NTDB id 1028 TT RS08215 WP 011173991.1 | MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVEVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK | 80 |
| NTDB id 1306 DR RS10060 WP 027479822.1 | .MALSIGDRLRGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLAVQPDPAAL | 79 |
| NTDB id 1410 SGL RS13950 WP 010873519.1 | ..... | 0 |
| NTDB id 1163304 ACEN42 RS02790 WP 371880575.1 | ..... | 0 |
| NTDB id 1168 A1552VC RS11070 WP 000957200.1 | ..... | 0 |
| NTDB id 1401 DSB67 RS12665 WP 010643259.1 | ..... | 0 |
| NTDB id 1293 VP RS12240 WP 005479695.1 | ..... | 0 |
| NTDB id 1110 NGFG RS09235 WP 003689817.1 | ..... | 0 |
| NTDB id 1251 GC085 RS07725 WP 011946523.1 | ..... | 0 |
| NTDB id 1058 ABD1 RS01615 WP 001274986.1 | | 0 |
| NTDB id 1018 ACIAD RS01685 WP 004920473.1 | | 0 |
| consensus | | |

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| | RSLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P | |
| NTDB id 1384 A4U84 RS08525 WP 010787006.1 | ..... | 0 |
| NTDB id 1366 NTHI RS01950 WP 011271972.1 | ..... | 0 |
| NTDB id 1355 HI 0298 AAC21962.1 | ..... | 0 |
| NTDB id 1028 TT RS08215 WP 011173991.1 | ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP..P | 158 |
| NTDB id 1306 DR RS10060 WP 027479822.1 | RSIRPQTALNLQAFPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLIEIVVPSGA | 157 |
| NTDB id 1410 SGL RS13950 WP 010873519.1 | ..... | 0 |
| NTDB id 1163304 ACEN42 RS02790 WP 371880575.1 | | 0 |
| NTDB id 1168 A1552VC RS11070 WP 000957200.1 | | 0 |
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| NTDB id 1293 VP RS12240 WP 005479695.1 | | 0 |
| NTDB id 1110 NGFG RS09235 WP 003689817.1 | | 0 |
| NTDB id 1251 GC085 RS07725 WP 011946523.1 | ..... | 0 |
| NTDB id 1058 ABD1 RS01615 WP 001274986.1 | | 0 |
| NTDB id 1018 ACIAD RS01685 WP 004920473.1 | | 0 |
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| | SGEGQKDLKLGELLQKQWISREALEEALVEQKTDGDLGRILV.RKGLPEEALYRALAEQKGLFLESTEGIVPDPSAA | |
| NTDB id 1384 A4U84 RS08525 WP 010787006.1 | | 0 |
| NTDB id 1366 NTHI RS01950 WP 011271972.1 | | 0 |
| NTDB id 1355 HI 0298 AAC21962.1 | | 0 |
| NTDB id 1028 TT RS08215 WP 011173991.1 | SGEGQKDLKLGELLQKQWISREALEEALVEQKTDGDLGRILV.RKGLPEEALYRALAEQKGLFLESTEGIVPDPSAA | 237 |
| NTDB id 1306 DR RS10060 WP 027479822.1 | SDAGRGTGKLGRLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFHPGEEVL | 237 |
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| NTDB id 1110 NGFG RS09235 WP 003689817.1 | | 0 |
| NTDB id 1251 GC085 RS07725 WP 011946523.1 | | 0 |
| NTDB id 1058 ABD1 RS01615 WP 001274986.1 | | 0 |
| NTDB id 1018 ACIAD RS01685 WP 004920473.1 | | 0 |
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| NTDB id 1384 | A4U84 RS08525 WP 010787006.1 | | 0 |
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| NTDB id 1355 | HI 0298 AAC21962.1 | | 0 |
| NTDB id 1028 | TT RS08215 WP 011173991.1 | LLLLRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGVELVQEGKLSR | 317 |
| NTDB id 1306 | DR RS10060 WP 027479822.1 | GSMLRADALRLLAVPVDETEQGVTVLTS DPRKRDPIDALIGRPVQLMLTRPRDIERLIEQFYPPQRGRLGEQLVQEGTLSR | 317 |
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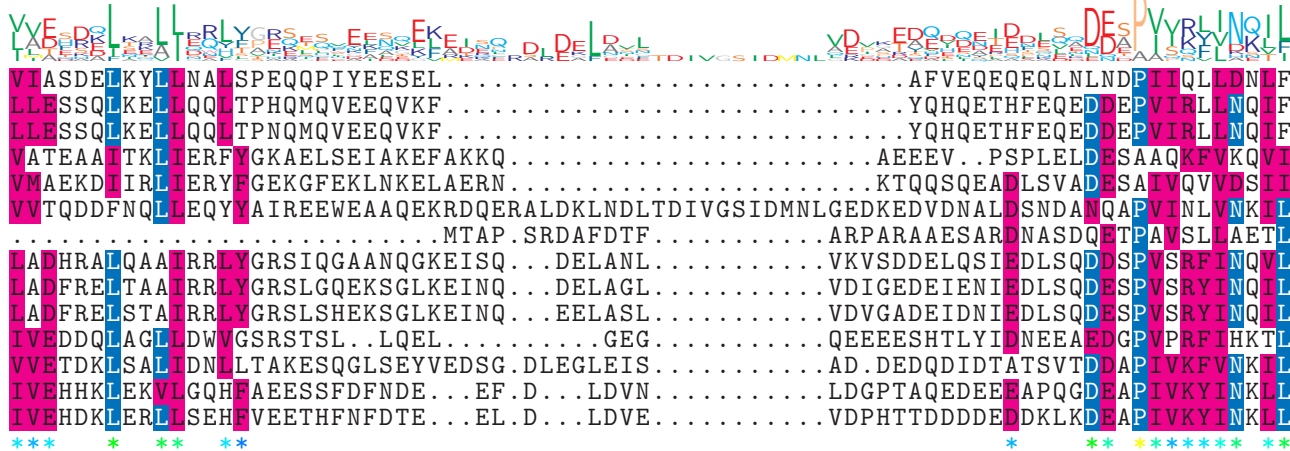
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| NTDB id 1028 | TT RS08215 WP 011173991.1 | EALKEALEVQKGLPRAKPLGEIIVELGLARPEDVEEAIQKQRRGGGRIEDTLVQS..GKLRPEALAAQA.....VATQL | 388 |
| NTDB id 1306 | DR RS10060 WP 027479822.1 | DQLREALQVQAREGKVKPLGEVITELGFASPDEVDASAIQKQNVGGGRIEDTLVQS..GKLSPEMLARS.....LAAQL | 388 |
| NTDB id 1410 | SGL RS13950 WP 010873519.1 | SSSSKKSRAVALRNYFSPFGNKLVAGGHVDAEQLRQALVQVKKTRSLPEELKAVTGRELSPELIRQYKKNQLFELKVLV | 83 |
| NTDB id 1163304 | ACEN42 RS02790 WP 371880575.1 | | 0 |
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| NTDB id 1401 | DSB67 RS12665 WP 010643259.1 | | 57 |
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| NTDB id 1251 | GC085 RS07725 WP 011946523.1 | | 65 |
| NTDB id 1058 | ABD1 RS01615 WP 001274986.1 | | 65 |
| NTDB id 1018 | ACIAD RS01685 WP 004920473.1 | | 65 |
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| NTDB id 1384 | A4U84 RS08525 WP 010787006.1 | | 74 |
| NTDB id 1366 | NTHI RS01950 WP 011271972.1 | | 79 |
| NTDB id 1355 | HI 0298 AAC21962.1 | ..... | 79 |
| NTDB id 1028 | TT RS08215 WP 011173991.1 | GYPYVDPEEDPPDP....GAPLLPEDLCRRYGVFPHRLE...GNRLVLLMKDPRNIALDDVRLALKRKGLNVEVAPA | 460 |
| NTDB id 1306 | DR RS10060 WP 027479822.1 | GVEFLDPIQNPPDP....KVALMPEATARRVYVVPVRLQ...GNSLVVAMKDPRNVFALDDIKLITG....KETLPA | 455 |
| NTDB id 1410 | SGL RS13950 WP 010873519.1 | GVDSVDPEVAPIATQMAELIGRFFPLDTCRRFKFLPLAQEGDPPSVLVAMVDPDNLAAQDELNRIILRVKG..FELRRL | 161 |
| NTDB id 1163304 | ACEN42 RS02790 WP 371880575.1 | ..... | 0 |
| NTDB id 1168 | A1552VC RS11070 WP 000957200.1 | GLPETDLSRYDYAN....LCQQGLGRELITRYDALPIAKQ...GNLILLAVSDPTLIQAEEF...RFATG..LQVELA | 124 |
| NTDB id 1401 | DSB67 RS12665 WP 010643259.1 | GLSCTSLNQVEYAS....LCQTLGLRELITRHNALPLNRT...SSTLILAVADPTNLQAEDDF...RFATG..LQVELV | 124 |
| NTDB id 1293 | VP RS12240 WP 005479695.1 | GLSQPELSQVEYAS....LCQQGLGRELITRHNALPLHRT...PSTLLAVADPTNQAEDDF...RFATG..LQVELV | 124 |
| NTDB id 1110 | NGFG RS09235 WP 003689817.1 | SYSILDLRHYPRHR....VLMGVLTTEEQMVFEHCVVFRFR...GDKVFFAVSDPTQMPQIQKT...VSAAG..IAVELV | 123 |
| NTDB id 1251 | GC085 RS07725 WP 011946523.1 | GVPMLDINCIDVGT....IPVNLVNEKLIKRRHAMVPLFSR...GTNLYLATDPSKQASLKEI...QFHTG..LNTHAI | 132 |
| NTDB id 1058 | ABD1 RS01615 WP 001274986.1 | AEPYFDLDVYDTSQ....IPKDLVDQKLLIKHRILPLIQR...GQILYVATSNPSNIEAIDAI...RFNSK..LLVEPV | 132 |
| NTDB id 1018 | ACIAD RS01685 WP 004920473.1 | GEPLLDLGVDPAL....FLKDKIDEKLIQKYRIMPLVHR...GHVLYVATSNPTNIEAMDAI...RFNSK..LKVEPI | 132 |
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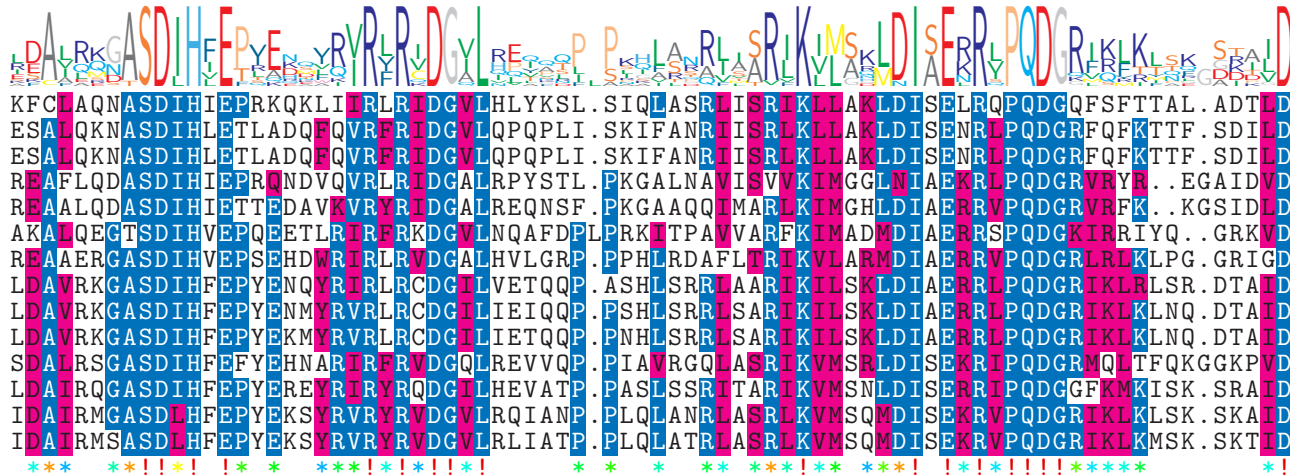
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NTDB id 1384 A4U84 RS08525 WP 010787006.1
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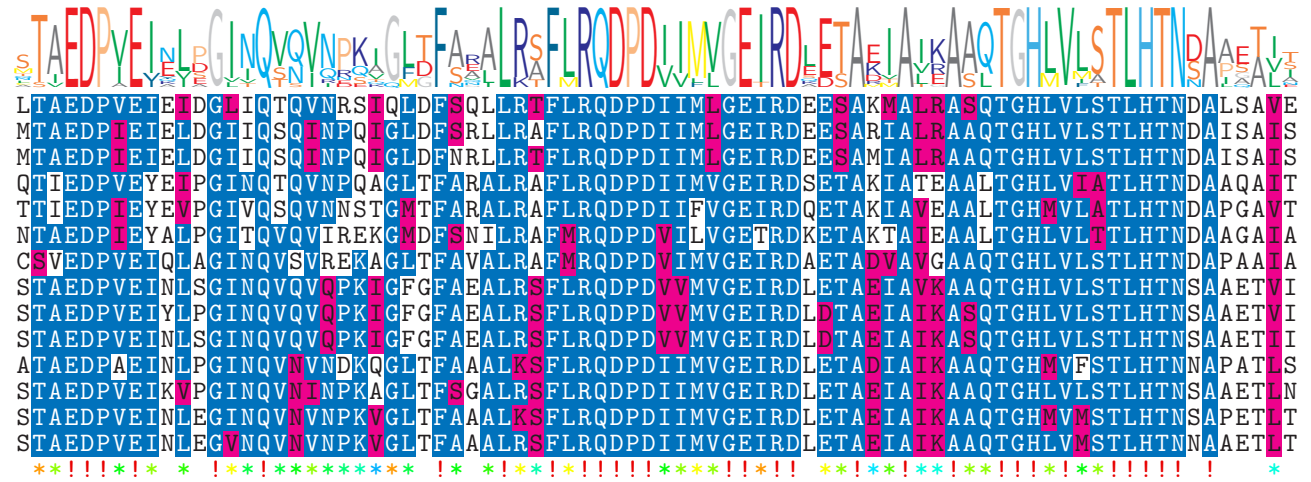
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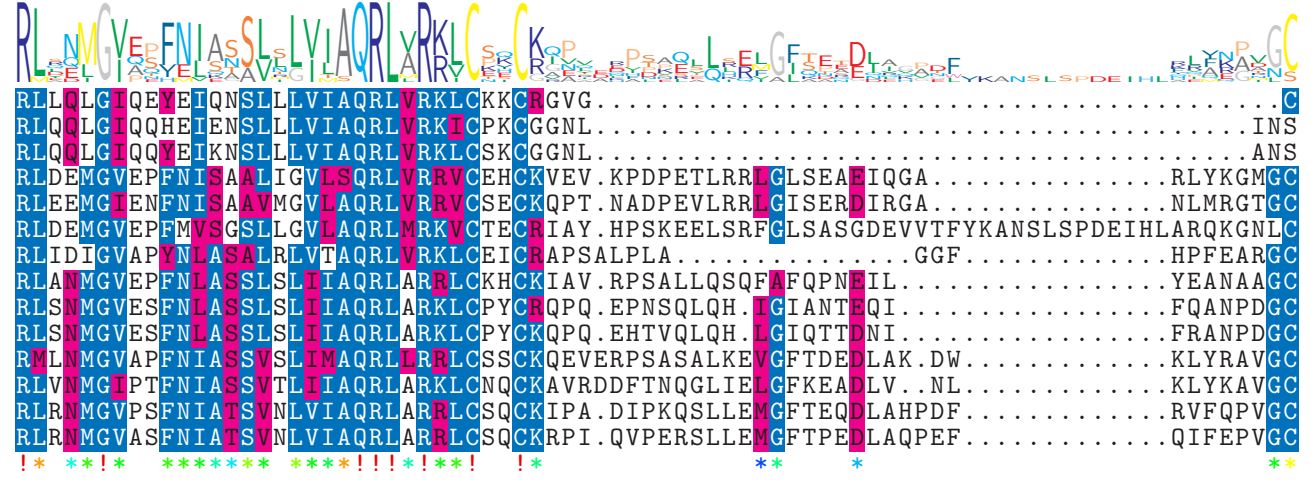
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NTDB id 1384 A4U84 RS08525 WP 010787006.1
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NTDB id 1384 A4U84 RS08525 WP 010787006.1
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| NTDB id 1384 A4U84 RS08525 WP 010787006.1 | EMRAKRKRSALTCRTCAAELQQEWLDCPYCMTSRFS | 461 |
| NTDB id 1366 NTHI RS01950 WP 011271972.1 | | 464 |
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| NTDB id 1028 TT RS08215 WP 011173991.1 | | 889 |
| NTDB id 1306 DR RS10060 WP 027479822.1 | | 887 |
| NTDB id 1410 SGL RS13950 WP 010873519.1 | EMRAKRKRSALTCRTCAAELQQEWLDCPYCMTSRFS | 672 |
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| consensus | | |

- ⓧ non conserved
- ⓧ similar
- ⓧ ≥ 50% conserved