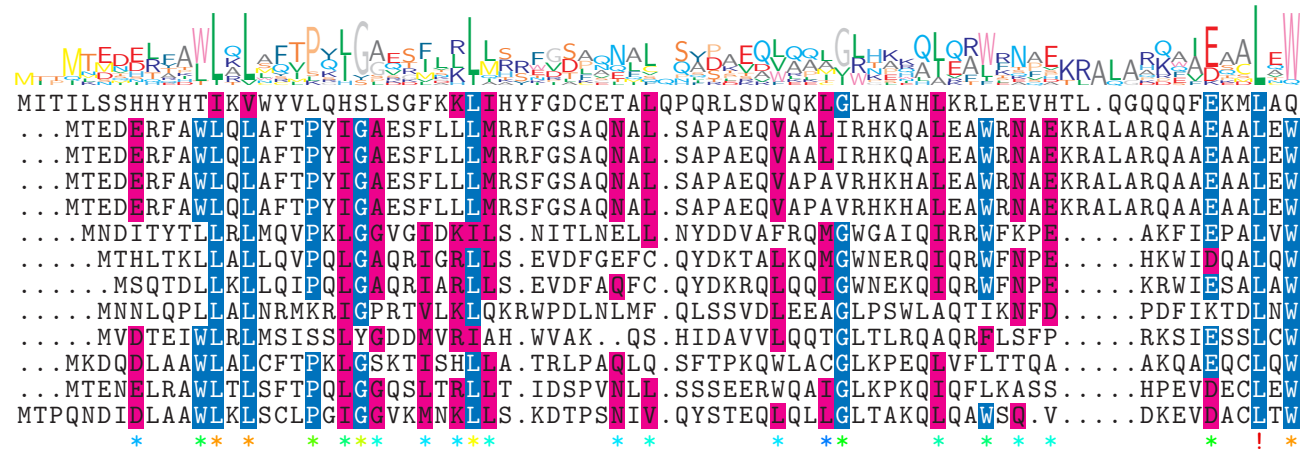


logo

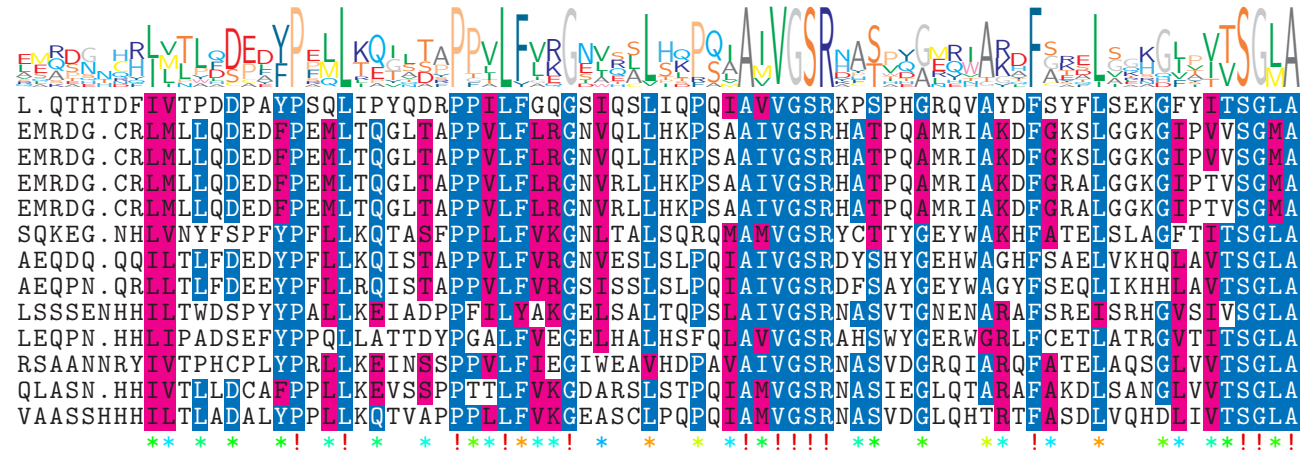
NTDB id 1021 ACIAD RS00975 WP 004930462.1
 NTDB id 1094 KZH42 RS01320 WP 002224767.1
 NTDB id 1089 NMB RS00600 WP 002224767.1
 NTDB id 1122 OK783 RS09595 WP 003705341.1
 NTDB id 1120 NGFG RS10355 WP 020997408.1
 NTDB id 1361 HI 0985 AAC22646.1
 NTDB id 1388 A4U84 RS04945 WP 062924099.1
 NTDB id 1466 ASU2 RS09750 WP 015674213.1
 NTDB id 1250 GC085 RS13065 WP 027219989.1
 NTDB id 1445 BW25113 RS17035 WP 000228551.1
 NTDB id 1152 A1552VC RS00200 WP 000654772.1
 NTDB id 55593 LD091 RS18530 WP 126609778.1
 NTDB id 1399 DSB67 RS15600 WP 010645755.1
 consensus



79
76
76
76
76
69
68
67
69
66
70
70
72

logo

NTDB id 1021 ACIAD RS00975 WP 004930462.1
 NTDB id 1094 KZH42 RS01320 WP 002224767.1
 NTDB id 1089 NMB RS00600 WP 002224767.1
 NTDB id 1122 OK783 RS09595 WP 003705341.1
 NTDB id 1120 NGFG RS10355 WP 020997408.1
 NTDB id 1361 HI 0985 AAC22646.1
 NTDB id 1388 A4U84 RS04945 WP 062924099.1
 NTDB id 1466 ASU2 RS09750 WP 015674213.1
 NTDB id 1250 GC085 RS13065 WP 027219989.1
 NTDB id 1445 BW25113 RS17035 WP 000228551.1
 NTDB id 1152 A1552VC RS00200 WP 000654772.1
 NTDB id 55593 LD091 RS18530 WP 126609778.1
 NTDB id 1399 DSB67 RS15600 WP 010645755.1
 consensus



158
155
155
155
155
148
147
146
149
145
150
149
152

logo

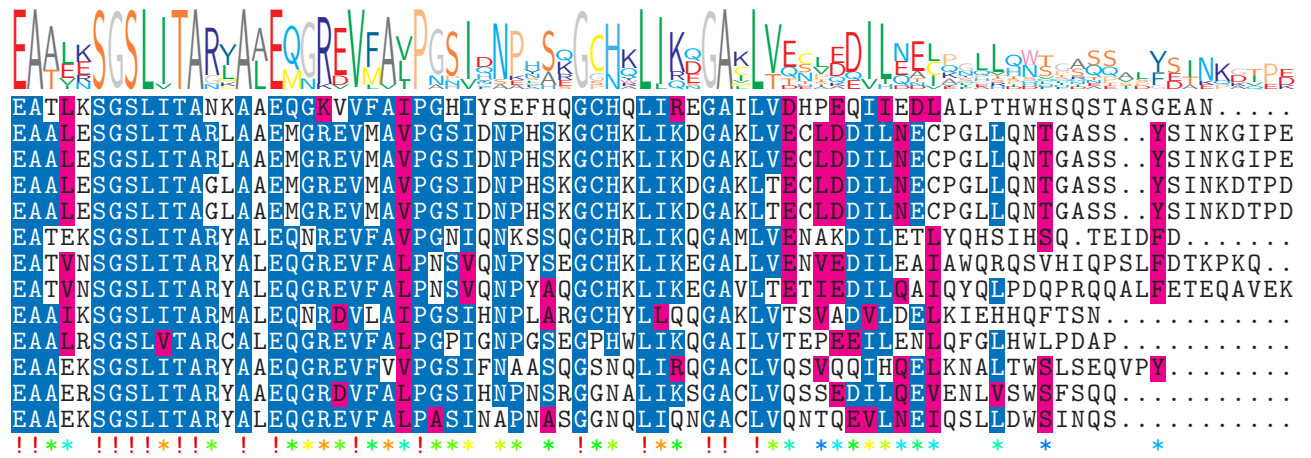
NTDB id 1021 ACIAD RS00975 WP 004930462.1
 NTDB id 1094 KZH42 RS01320 WP 002224767.1
 NTDB id 1089 NMB RS00600 WP 002224767.1
 NTDB id 1122 OK783 RS09595 WP 003705341.1
 NTDB id 1120 NGFG RS10355 WP 020997408.1
 NTDB id 1361 HI 0985 AAC22646.1
 NTDB id 1388 A4U84 RS04945 WP 062924099.1
 NTDB id 1466 ASU2 RS09750 WP 015674213.1
 NTDB id 1250 GC085 RS13065 WP 027219989.1
 NTDB id 1445 BW25113 RS17035 WP 000228551.1
 NTDB id 1152 A1552VC RS00200 WP 000654772.1
 NTDB id 55593 LD091 RS18530 WP 126609778.1
 NTDB id 1399 DSB67 RS15600 WP 010645755.1
 consensus



237
234
234
234
234
228
227
226
228
225
229
228
231

logo

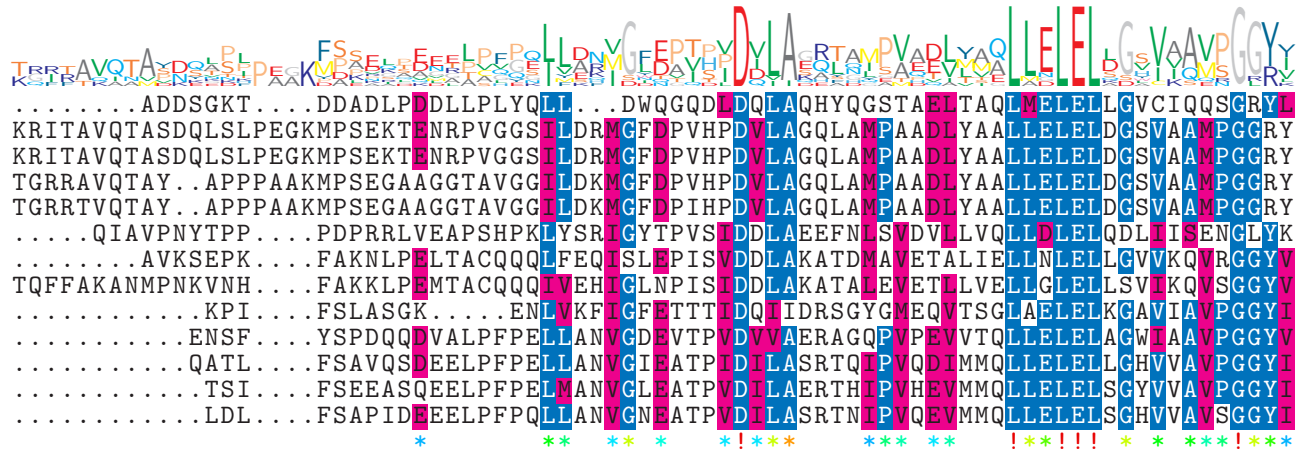
NTDB id 1021 ACIAD RS00975 WP 004930462.1
 NTDB id 1094 KZH42 RS01320 WP 002224767.1
 NTDB id 1089 NMB RS00600 WP 002224767.1
 NTDB id 1122 OK783 RS09595 WP 003705341.1
 NTDB id 1120 NGFG RS10355 WP 020997408.1
 NTDB id 1361 HI 0985 AAC22646.1
 NTDB id 1388 A4U84 RS04945 WP 062924099.1
 NTDB id 1466 ASU2 RS09750 WP 015674213.1
 NTDB id 1250 GC085 RS13065 WP 027219989.1
 NTDB id 1445 BW25113 RS17035 WP 000228551.1
 NTDB id 1152 A1552VC RS00200 WP 000654772.1
 NTDB id 55593 LD091 RS18530 WP 126609778.1
 NTDB id 1399 DSB67 RS15600 WP 010645755.1
 consensus



312
312
312
312
312
300
305
306
296
294
301
297
300

logo

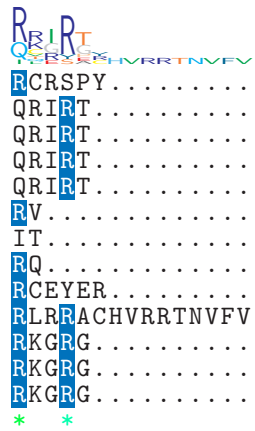
NTDB id 1021 ACIAD RS00975 WP 004930462.1
 NTDB id 1094 KZH42 RS01320 WP 002224767.1
 NTDB id 1089 NMB RS00600 WP 002224767.1
 NTDB id 1122 OK783 RS09595 WP 003705341.1
 NTDB id 1120 NGFG RS10355 WP 020997408.1
 NTDB id 1361 HI 0985 AAC22646.1
 NTDB id 1388 A4U84 RS04945 WP 062924099.1
 NTDB id 1466 ASU2 RS09750 WP 015674213.1
 NTDB id 1250 GC085 RS13065 WP 027219989.1
 NTDB id 1445 BW25113 RS17035 WP 000228551.1
 NTDB id 1152 A1552VC RS00200 WP 000654772.1
 NTDB id 55593 LD091 RS18530 WP 126609778.1
 NTDB id 1399 DSB67 RS15600 WP 010645755.1
 consensus



377
392
392
390
390
371
373
382
355
359
366
361
364

logo

NTDB id 1021 ACIAD RS00975 WP 004930462.1
 NTDB id 1094 KZH42 RS01320 WP 002224767.1
 NTDB id 1089 NMB RS00600 WP 002224767.1
 NTDB id 1122 OK783 RS09595 WP 003705341.1
 NTDB id 1120 NGFG RS10355 WP 020997408.1
 NTDB id 1361 HI 0985 AAC22646.1
 NTDB id 1388 A4U84 RS04945 WP 062924099.1
 NTDB id 1466 ASU2 RS09750 WP 015674213.1
 NTDB id 1250 GC085 RS13065 WP 027219989.1
 NTDB id 1445 BW25113 RS17035 WP 000228551.1
 NTDB id 1152 A1552VC RS00200 WP 000654772.1
 NTDB id 55593 LD091 RS18530 WP 126609778.1
 NTDB id 1399 DSB67 RS15600 WP 010645755.1
 consensus



383
397
397
395
395
373
375
384
361
374
371
366
369

 non conserved
 similar
 $\geq 50\%$ conserved