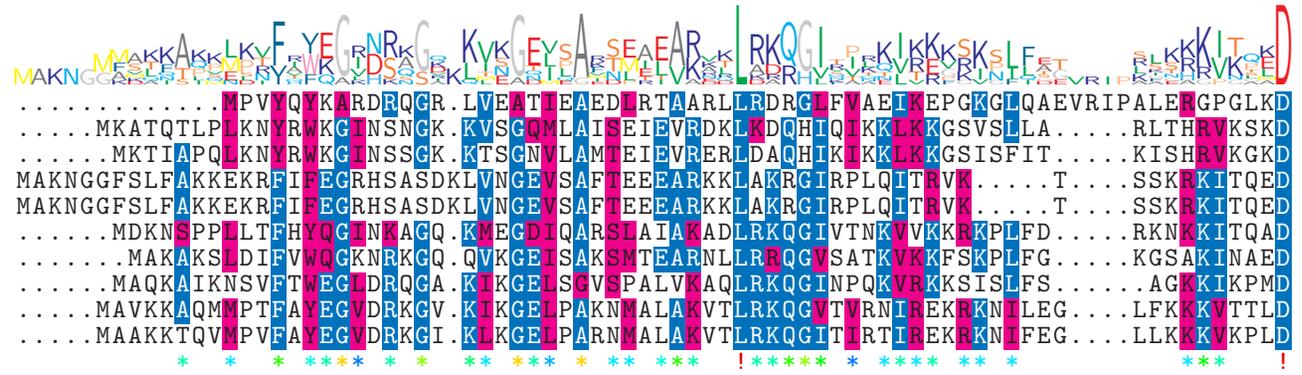


logo

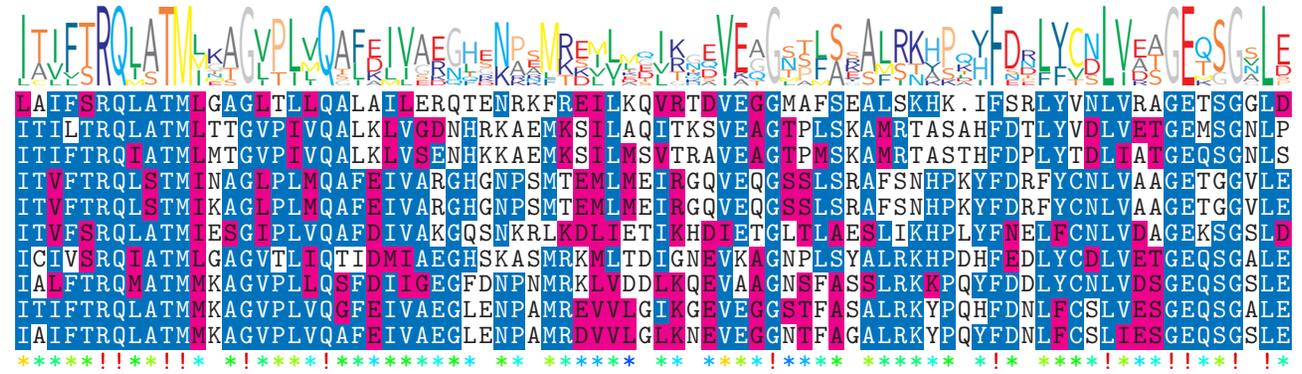
NTDB id 1029 TT RS02230 WP 011228203.1
 NTDB id 1169 A1552VC RS11075 WP 000648511.1
 NTDB id 1402 DSB67 RS12670 WP 010643257.1
 NTDB id 1113 AAA85695.1 219..1451()
 NTDB id 1112 NGFG RS09215 WP 003689811.1
 NTDB id 1252 GC085 RS07730 WP 011213805.1
 NTDB id 163376 AT746 RS16135 WP 062482367.1
 NTDB id 1198 PSJM300 03950 AFN76868.1
 NTDB id 1059 ABD1 RS01610 WP 000279215.1
 NTDB id 1016 ACIAD RS01680 WP 004920476.1
 consensus



66
69
68
71
71
68
67
67
70
70

logo

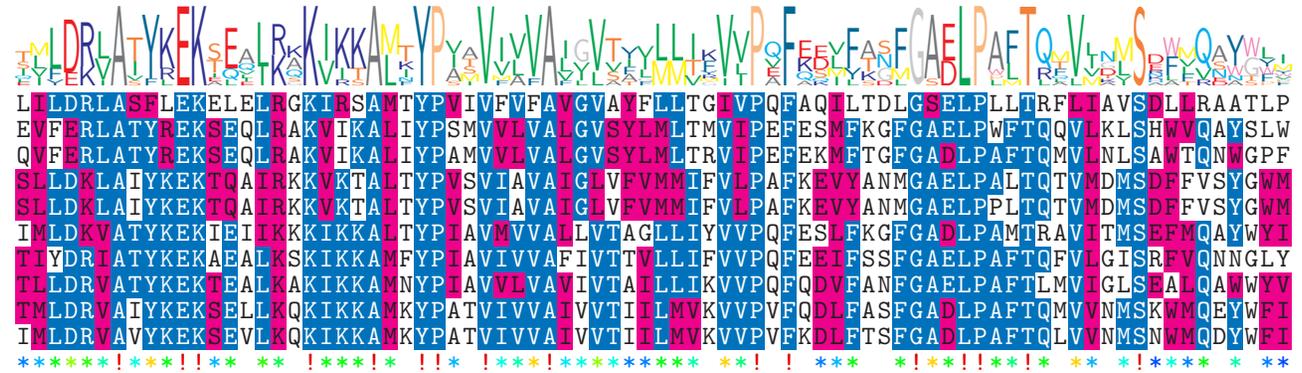
NTDB id 1029 TT RS02230 WP 011228203.1
 NTDB id 1169 A1552VC RS11075 WP 000648511.1
 NTDB id 1402 DSB67 RS12670 WP 010643257.1
 NTDB id 1113 AAA85695.1 219..1451()
 NTDB id 1112 NGFG RS09215 WP 003689811.1
 NTDB id 1252 GC085 RS07730 WP 011213805.1
 NTDB id 163376 AT746 RS16135 WP 062482367.1
 NTDB id 1198 PSJM300 03950 AFN76868.1
 NTDB id 1059 ABD1 RS01610 WP 000279215.1
 NTDB id 1016 ACIAD RS01680 WP 004920476.1
 consensus



145
149
148
151
151
148
147
147
150
150

logo

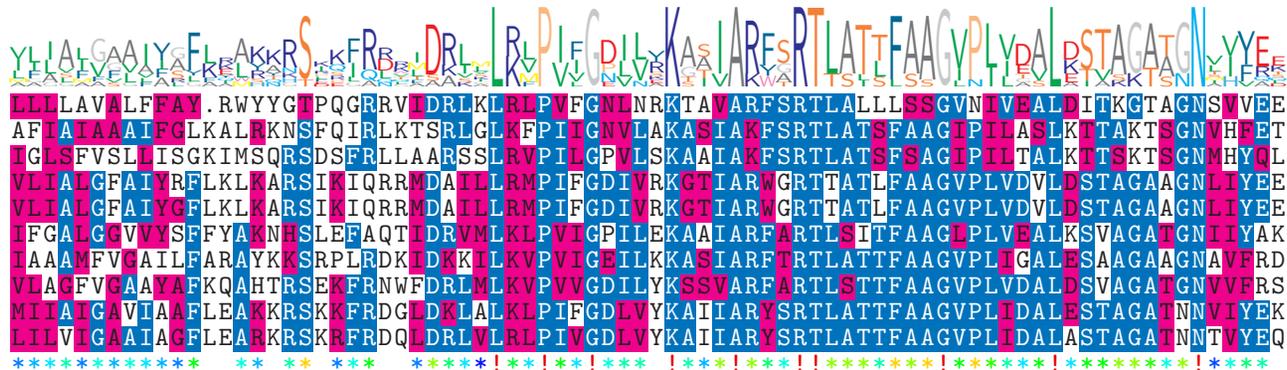
NTDB id 1029 TT RS02230 WP 011228203.1
 NTDB id 1169 A1552VC RS11075 WP 000648511.1
 NTDB id 1402 DSB67 RS12670 WP 010643257.1
 NTDB id 1113 AAA85695.1 219..1451()
 NTDB id 1112 NGFG RS09215 WP 003689811.1
 NTDB id 1252 GC085 RS07730 WP 011213805.1
 NTDB id 163376 AT746 RS16135 WP 062482367.1
 NTDB id 1198 PSJM300 03950 AFN76868.1
 NTDB id 1059 ABD1 RS01610 WP 000279215.1
 NTDB id 1016 ACIAD RS01680 WP 004920476.1
 consensus



225
229
228
231
231
228
227
227
230
230

logo

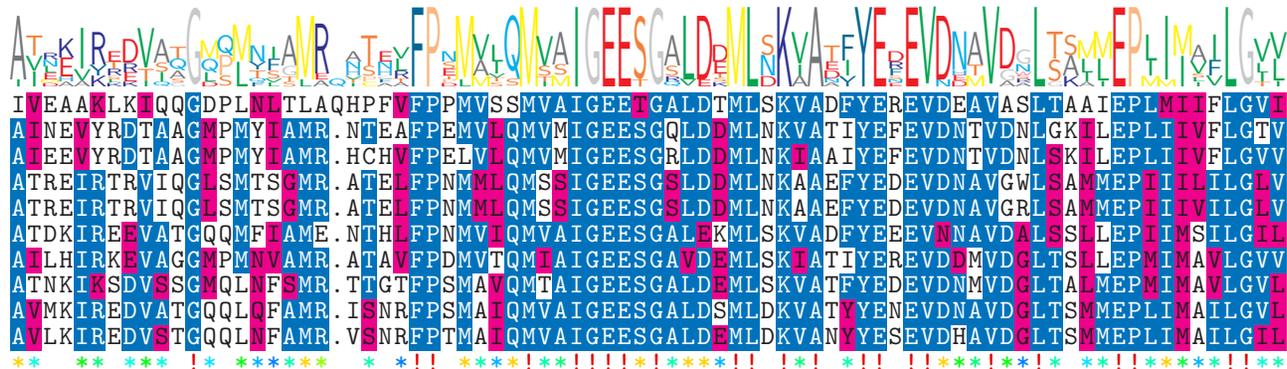
NTDB id 1029 TT RS02230 WP 011228203.1
 NTDB id 1169 A1552VC RS11075 WP 000648511.1
 NTDB id 1402 DSB67 RS12670 WP 010643257.1
 NTDB id 1113 AAA85695.1 219..1451()
 NTDB id 1112 NGFG RS09215 WP 003689811.1
 NTDB id 1252 GC085 RS07730 WP 011213805.1
 NTDB id 163376 AT746 RS16135 WP 062482367.1
 NTDB id 1198 PSJM300 03950 AFN76868.1
 NTDB id 1059 ABD1 RS01610 WP 000279215.1
 NTDB id 1016 ACIAD RS01680 WP 004920476.1



304
309
308
311
311
308
307
307
310
310

logo

NTDB id 1029 TT RS02230 WP 011228203.1
 NTDB id 1169 A1552VC RS11075 WP 000648511.1
 NTDB id 1402 DSB67 RS12670 WP 010643257.1
 NTDB id 1113 AAA85695.1 219..1451()
 NTDB id 1112 NGFG RS09215 WP 003689811.1
 NTDB id 1252 GC085 RS07730 WP 011213805.1
 NTDB id 163376 AT746 RS16135 WP 062482367.1
 NTDB id 1198 PSJM300 03950 AFN76868.1
 NTDB id 1059 ABD1 RS01610 WP 000279215.1
 NTDB id 1016 ACIAD RS01680 WP 004920476.1

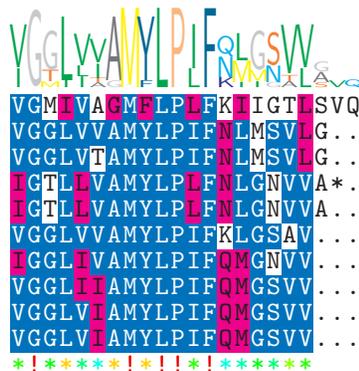


384
388
387
390
390
387
386
386
389
389

<0

logo

NTDB id 1029 TT RS02230 WP 011228203.1
 NTDB id 1169 A1552VC RS11075 WP 000648511.1
 NTDB id 1402 DSB67 RS12670 WP 010643257.1
 NTDB id 1113 AAA85695.1 219..1451()
 NTDB id 1112 NGFG RS09215 WP 003689811.1
 NTDB id 1252 GC085 RS07730 WP 011213805.1
 NTDB id 163376 AT746 RS16135 WP 062482367.1
 NTDB id 1198 PSJM300 03950 AFN76868.1
 NTDB id 1059 ABD1 RS01610 WP 000279215.1
 NTDB id 1016 ACIAD RS01680 WP 004920476.1



406
408
407
410
410
406
405
405
408
408

non conserved
 similar
 ≥ 50% conserved