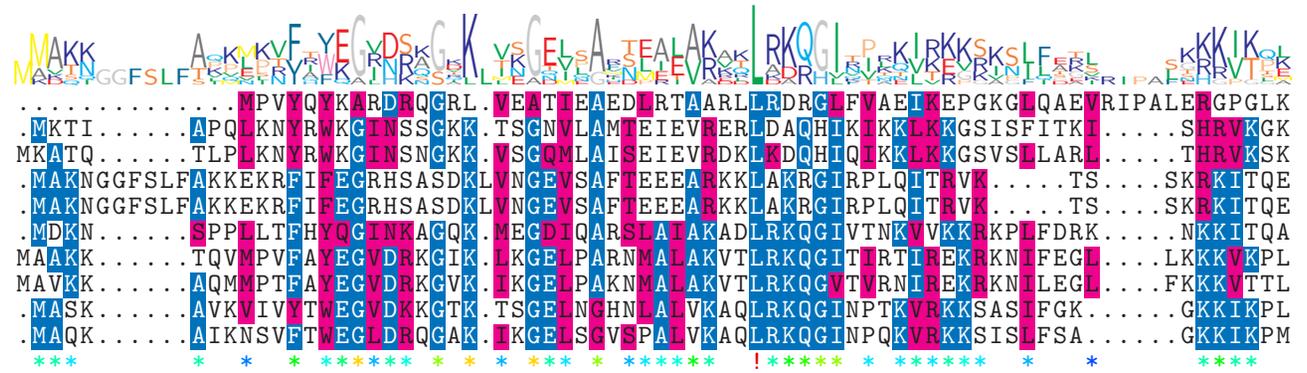


logo

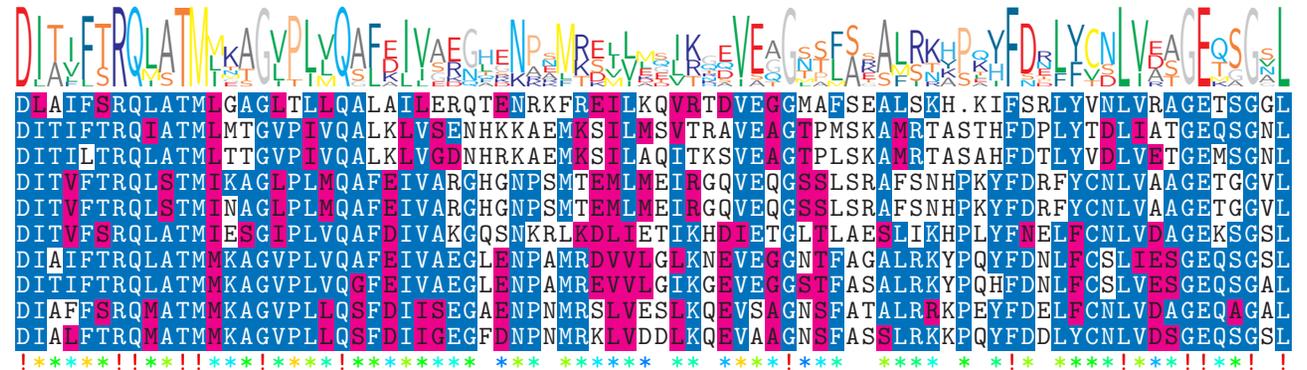
NTDB id 1029 TT RS02230 WP 011228203.1
 NTDB id 1402 DSB67 RS12670 WP 010643257.1
 NTDB id 1169 A1552VC RS11075 WP 000648511.1
 NTDB id 1112 NGFG RS09215 WP 003689811.1
 NTDB id 1113 AAA85695.1 219..1451()
 NTDB id 1252 GC085 RS07730 WP 011213805.1
 NTDB id 1016 ACIAD RS01680 WP 004920476.1
 NTDB id 1059 ABD1 RS01610 WP 000279215.1
 NTDB id 397300 N028 RS03990 WP 024638543.1
 NTDB id 1198 PSJM300 03950 AFN76868.1
 consensus



65
67
68
70
70
67
69
69
66
66

logo

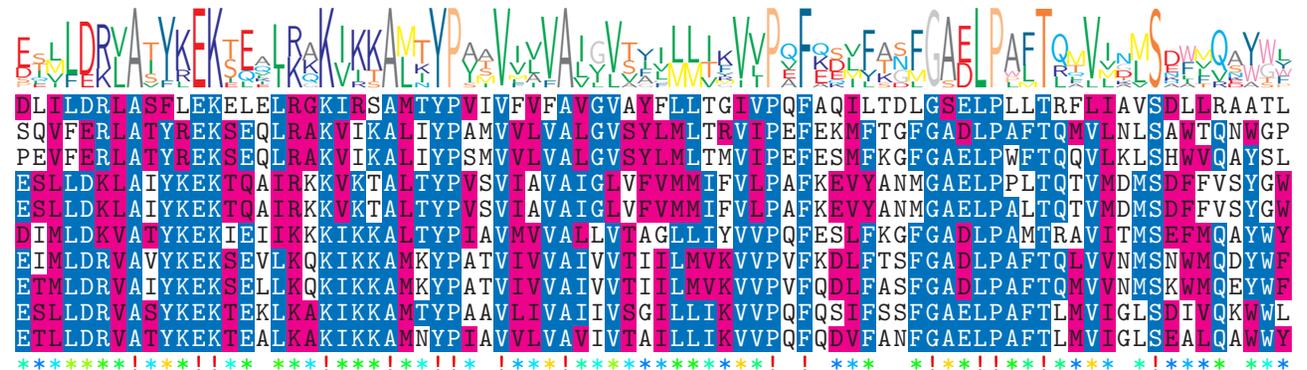
NTDB id 1029 TT RS02230 WP 011228203.1
 NTDB id 1402 DSB67 RS12670 WP 010643257.1
 NTDB id 1169 A1552VC RS11075 WP 000648511.1
 NTDB id 1112 NGFG RS09215 WP 003689811.1
 NTDB id 1113 AAA85695.1 219..1451()
 NTDB id 1252 GC085 RS07730 WP 011213805.1
 NTDB id 1016 ACIAD RS01680 WP 004920476.1
 NTDB id 1059 ABD1 RS01610 WP 000279215.1
 NTDB id 397300 N028 RS03990 WP 024638543.1
 NTDB id 1198 PSJM300 03950 AFN76868.1
 consensus



144
147
148
150
150
147
149
149
146
146

logo

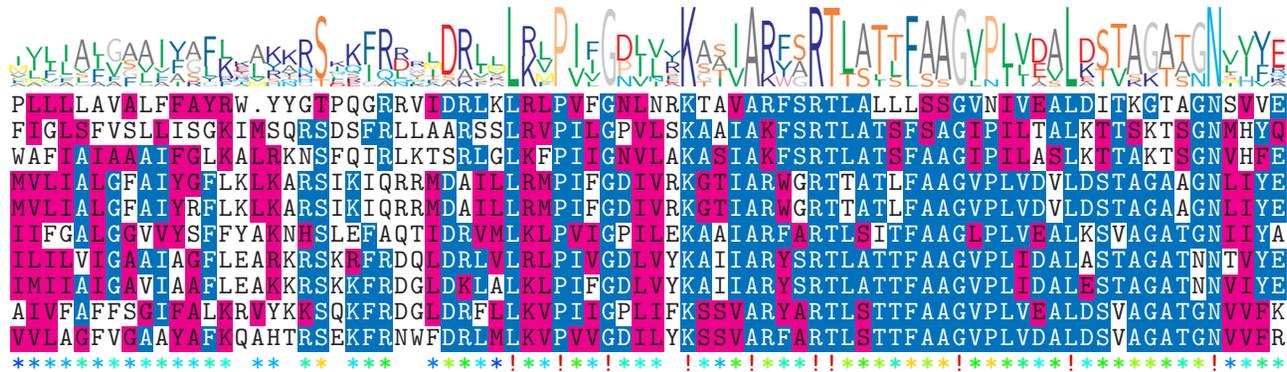
NTDB id 1029 TT RS02230 WP 011228203.1
 NTDB id 1402 DSB67 RS12670 WP 010643257.1
 NTDB id 1169 A1552VC RS11075 WP 000648511.1
 NTDB id 1112 NGFG RS09215 WP 003689811.1
 NTDB id 1113 AAA85695.1 219..1451()
 NTDB id 1252 GC085 RS07730 WP 011213805.1
 NTDB id 1016 ACIAD RS01680 WP 004920476.1
 NTDB id 1059 ABD1 RS01610 WP 000279215.1
 NTDB id 397300 N028 RS03990 WP 024638543.1
 NTDB id 1198 PSJM300 03950 AFN76868.1
 consensus



224
227
228
230
230
227
229
229
226
226

logo

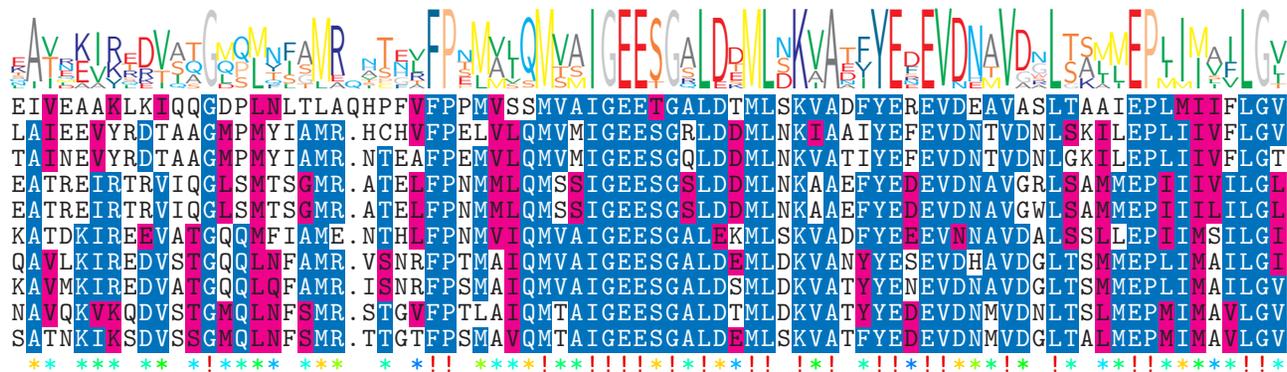
NTDB id 1029 TT RS02230 WP 011228203.1
 NTDB id 1402 DSB67 RS12670 WP 010643257.1
 NTDB id 1169 A1552VC RS11075 WP 000648511.1
 NTDB id 1112 NGFG RS09215 WP 003689811.1
 NTDB id 1113 AAA85695.1 219..1451()
 NTDB id 1252 GC085 RS07730 WP 011213805.1
 NTDB id 1016 ACIAD RS01680 WP 004920476.1
 NTDB id 1059 ABD1 RS01610 WP 000279215.1
 NTDB id 397300 N028 RS03990 WP 024638543.1
 NTDB id 1198 PSJM300 03950 AFN76868.1



303
307
308
310
310
307
309
309
306
306

logo

NTDB id 1029 TT RS02230 WP 011228203.1
 NTDB id 1402 DSB67 RS12670 WP 010643257.1
 NTDB id 1169 A1552VC RS11075 WP 000648511.1
 NTDB id 1112 NGFG RS09215 WP 003689811.1
 NTDB id 1113 AAA85695.1 219..1451()
 NTDB id 1252 GC085 RS07730 WP 011213805.1
 NTDB id 1016 ACIAD RS01680 WP 004920476.1
 NTDB id 1059 ABD1 RS01610 WP 000279215.1
 NTDB id 397300 N028 RS03990 WP 024638543.1
 NTDB id 1198 PSJM300 03950 AFN76868.1

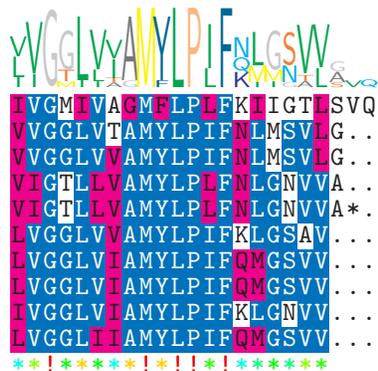


383
386
387
389
389
386
388
388
385
385

<0

logo

NTDB id 1029 TT RS02230 WP 011228203.1
 NTDB id 1402 DSB67 RS12670 WP 010643257.1
 NTDB id 1169 A1552VC RS11075 WP 000648511.1
 NTDB id 1112 NGFG RS09215 WP 003689811.1
 NTDB id 1113 AAA85695.1 219..1451()
 NTDB id 1252 GC085 RS07730 WP 011213805.1
 NTDB id 1016 ACIAD RS01680 WP 004920476.1
 NTDB id 1059 ABD1 RS01610 WP 000279215.1
 NTDB id 397300 N028 RS03990 WP 024638543.1
 NTDB id 1198 PSJM300 03950 AFN76868.1



406
407
408
410
410
406
408
408
405
405

non conserved
 similar
 ≥ 50% conserved