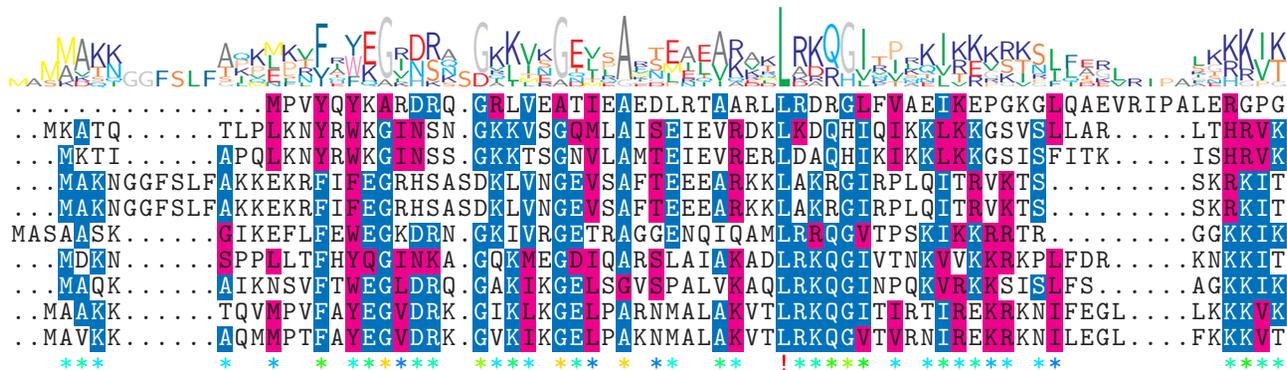


logo

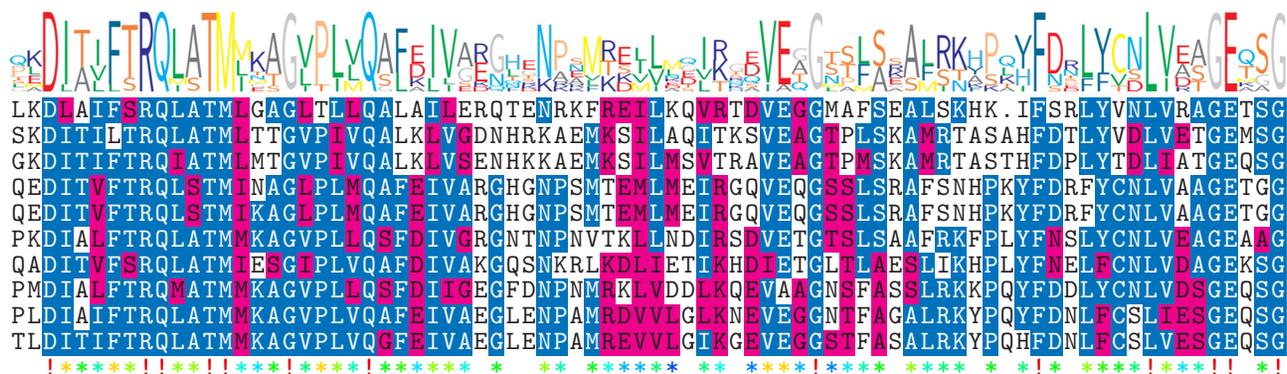
NTDB id 1029 TT RS02230 WP 011228203.1
 NTDB id 1169 A1552VC RS11075 WP 000648511.1
 NTDB id 1402 DSB67 RS12670 WP 010643257.1
 NTDB id 1113 AAA85695.1 219..1451()
 NTDB id 1112 NGFG RS09215 WP 003689811.1
 NTDB id 668265 MP576 RS22380 WP 012837103.1
 NTDB id 1252 GC085 RS07730 WP 011213805.1
 NTDB id 1198 PSJM300 03950 AFN76868.1
 NTDB id 1016 ACIAD RS01680 WP 004920476.1
 NTDB id 1059 ABD1 RS01610 WP 000279215.1



63
66
65
68
68
64
65
64
67
67

logo

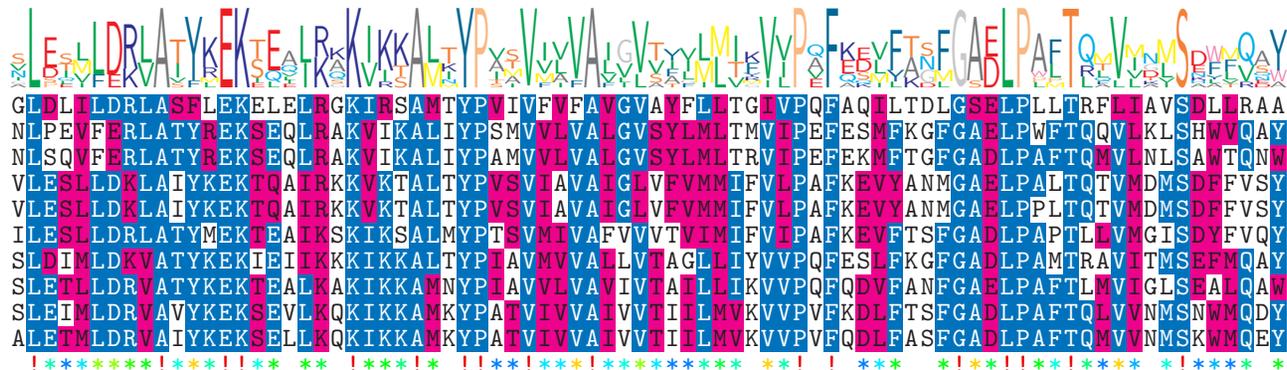
NTDB id 1029 TT RS02230 WP 011228203.1
 NTDB id 1169 A1552VC RS11075 WP 000648511.1
 NTDB id 1402 DSB67 RS12670 WP 010643257.1
 NTDB id 1113 AAA85695.1 219..1451()
 NTDB id 1112 NGFG RS09215 WP 003689811.1
 NTDB id 668265 MP576 RS22380 WP 012837103.1
 NTDB id 1252 GC085 RS07730 WP 011213805.1
 NTDB id 1198 PSJM300 03950 AFN76868.1
 NTDB id 1016 ACIAD RS01680 WP 004920476.1
 NTDB id 1059 ABD1 RS01610 WP 000279215.1



142
146
145
148
148
144
145
144
147
147

logo

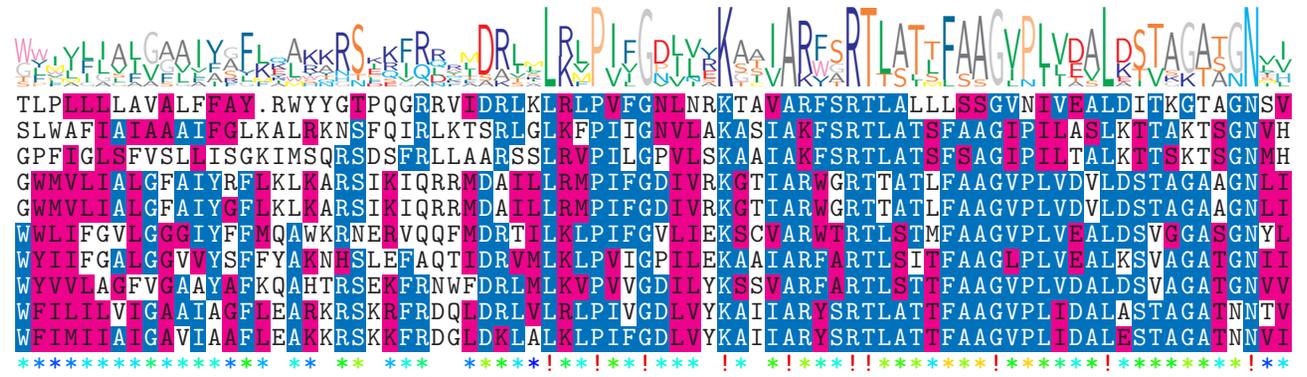
NTDB id 1029 TT RS02230 WP 011228203.1
 NTDB id 1169 A1552VC RS11075 WP 000648511.1
 NTDB id 1402 DSB67 RS12670 WP 010643257.1
 NTDB id 1113 AAA85695.1 219..1451()
 NTDB id 1112 NGFG RS09215 WP 003689811.1
 NTDB id 668265 MP576 RS22380 WP 012837103.1
 NTDB id 1252 GC085 RS07730 WP 011213805.1
 NTDB id 1198 PSJM300 03950 AFN76868.1
 NTDB id 1016 ACIAD RS01680 WP 004920476.1
 NTDB id 1059 ABD1 RS01610 WP 000279215.1



222
226
225
228
228
224
225
224
227
227

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 668265 MP576 RS22380 WP 012837103.1
 NTDB id 1252 GC085 RS07730 WP 011213805.1
 NTDB id 1198 PSJM300 03950 AFN76868.1
 NTDB id 1016 ACIAD RS01680 WP 004920476.1
 NTDB id 1059 ABD1 RS01610 WP 000279215.1
 consensus



301
306
305
308
308
304
305
304
307
307

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 668265 MP576 RS22380 WP 012837103.1
 NTDB id 1252 GC085 RS07730 WP 011213805.1
 NTDB id 1198 PSJM300 03950 AFN76868.1
 NTDB id 1016 ACIAD RS01680 WP 004920476.1
 NTDB id 1059 ABD1 RS01610 WP 000279215.1
 consensus

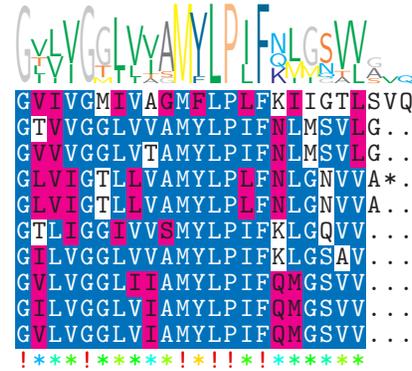


381
385
384
384
387
387
383
384
383
386
386

<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 668265 MP576 RS22380 WP 012837103.1
 NTDB id 1252 GC085 RS07730 WP 011213805.1
 NTDB id 1198 PSJM300 03950 AFN76868.1
 NTDB id 1016 ACIAD RS01680 WP 004920476.1
 NTDB id 1059 ABD1 RS01610 WP 000279215.1
 consensus



406
408
407
410
410
405
406
405
408
408

non conserved
 similar
 ≥ 50% conserved