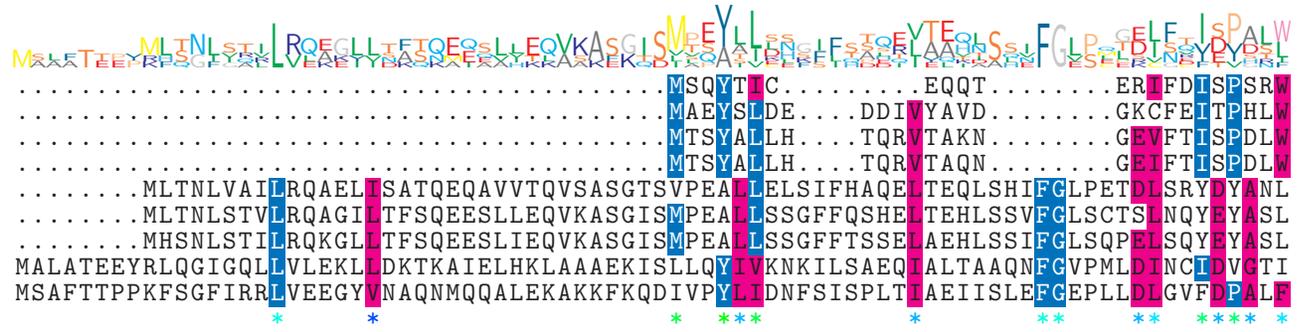


logo

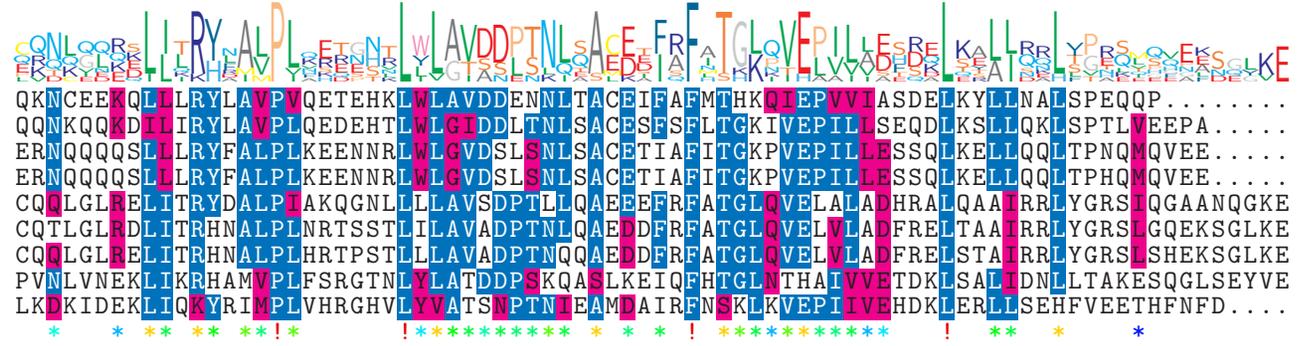
NTDB id 1384 A4U84 RS08525 WP 010787006.1
 NTDB id 1070916 ACI007 RS06320 WP 410683430.1
 NTDB id 1355 HI 0298 AAC21962.1
 NTDB id 1366 NTHI RS01950 WP 011271972.1
 NTDB id 1168 A1552VC RS11070 WP 000957200.1
 NTDB id 1401 DSB67 RS12665 WP 010643259.1
 NTDB id 1293 VP RS12240 WP 005479695.1
 NTDB id 1251 GC085 RS07725 WP 011946523.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1
 consensus



22
27
27
27
72
72
72
80
80

logo

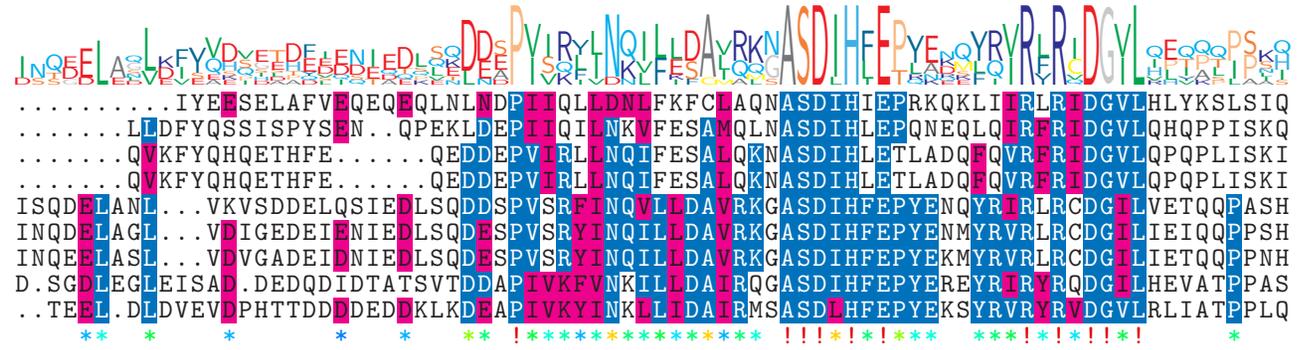
NTDB id 1384 A4U84 RS08525 WP 010787006.1
 NTDB id 1070916 ACI007 RS06320 WP 410683430.1
 NTDB id 1355 HI 0298 AAC21962.1
 NTDB id 1366 NTHI RS01950 WP 011271972.1
 NTDB id 1168 A1552VC RS11070 WP 000957200.1
 NTDB id 1401 DSB67 RS12665 WP 010643259.1
 NTDB id 1293 VP RS12240 WP 005479695.1
 NTDB id 1251 GC085 RS07725 WP 011946523.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1
 consensus



94
102
102
102
152
152
152
160
156

logo

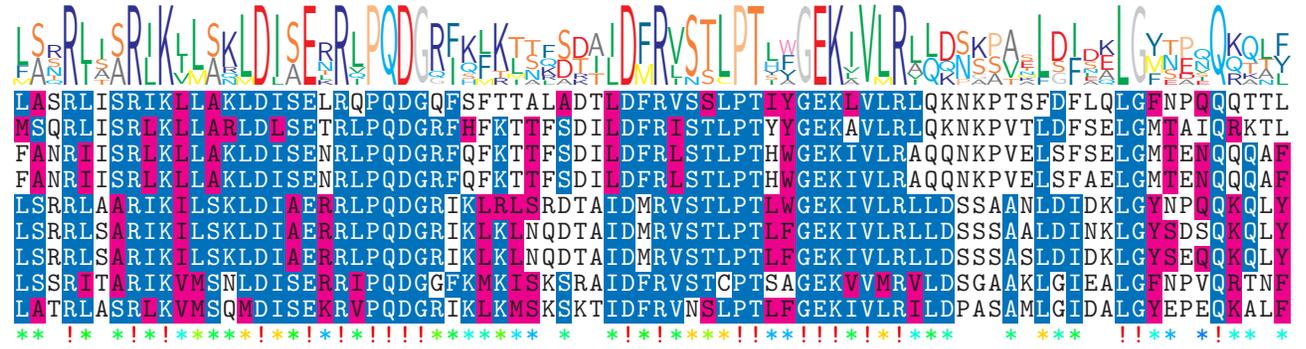
NTDB id 1384 A4U84 RS08525 WP 010787006.1
 NTDB id 1070916 ACI007 RS06320 WP 410683430.1
 NTDB id 1355 HI 0298 AAC21962.1
 NTDB id 1366 NTHI RS01950 WP 011271972.1
 NTDB id 1168 A1552VC RS11070 WP 000957200.1
 NTDB id 1401 DSB67 RS12665 WP 010643259.1
 NTDB id 1293 VP RS12240 WP 005479695.1
 NTDB id 1251 GC085 RS07725 WP 011946523.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1
 consensus



164
173
169
169
229
229
229
238
233

logo

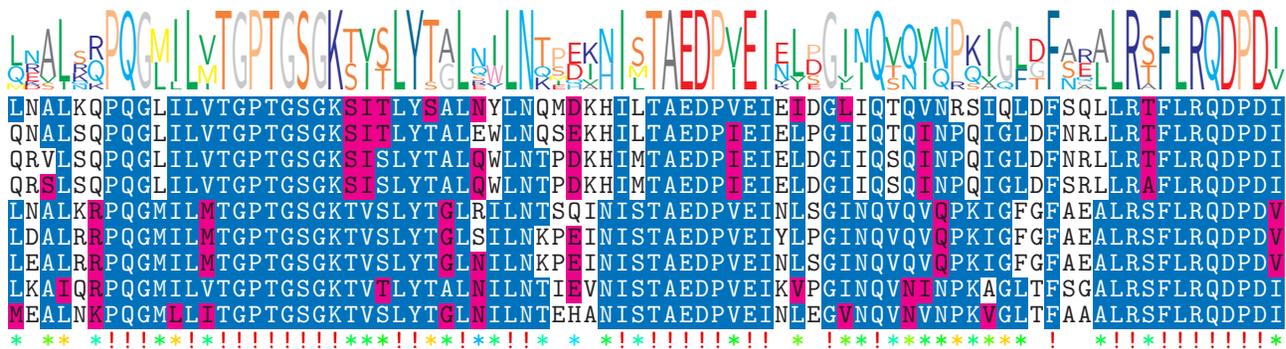
NTDB id 1384 A4U84 RS08525 WP 010787006.1
 NTDB id 1070916 ACI007 RS06320 WP 410683430.1
 NTDB id 1355 HI 0298 AAC21962.1
 NTDB id 1366 NTHI RS01950 WP 011271972.1
 NTDB id 1168 A1552VC RS11070 WP 000957200.1
 NTDB id 1401 DSB67 RS12665 WP 010643259.1
 NTDB id 1293 VP RS12240 WP 005479695.1
 NTDB id 1251 GC085 RS07725 WP 011946523.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1
 consensus



244
253
249
249
309
309
309
318
313

logo

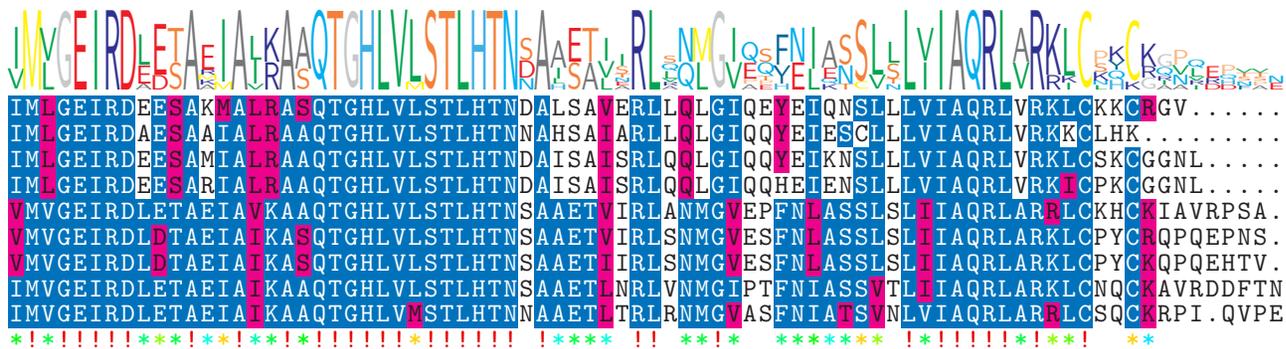
NTDB id 1384 A4U84 RS08525 WP 010787006.1
 NTDB id 1070916 ACI007 RS06320 WP 410683430.1
 NTDB id 1355 HI 0298 AAC21962.1
 NTDB id 1366 NTHI RS01950 WP 011271972.1
 NTDB id 1168 A1552VC RS11070 WP 000957200.1
 NTDB id 1401 DSB67 RS12665 WP 010643259.1
 NTDB id 1293 VP RS12240 WP 005479695.1
 NTDB id 1251 GC085 RS07725 WP 011946523.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1



324
333
329
329
389
389
389
398
393

logo

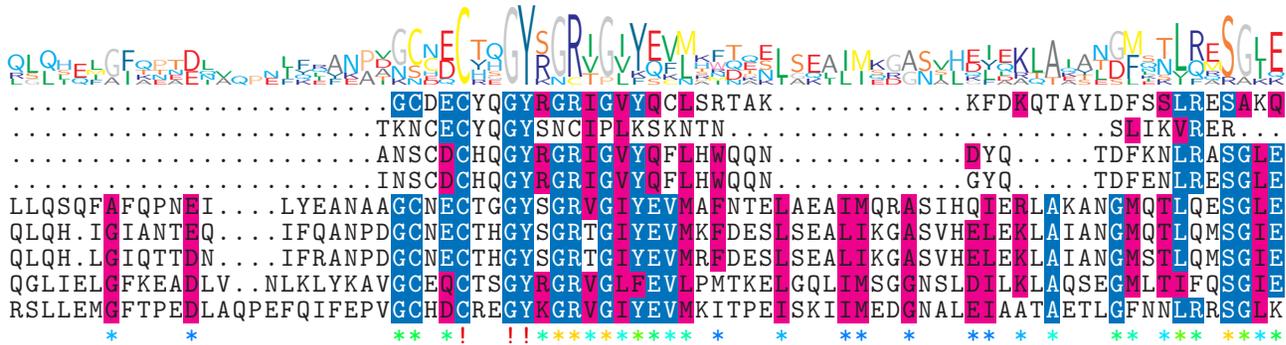
NTDB id 1384 A4U84 RS08525 WP 010787006.1
 NTDB id 1070916 ACI007 RS06320 WP 410683430.1
 NTDB id 1355 HI 0298 AAC21962.1
 NTDB id 1366 NTHI RS01950 WP 011271972.1
 NTDB id 1168 A1552VC RS11070 WP 000957200.1
 NTDB id 1401 DSB67 RS12665 WP 010643259.1
 NTDB id 1293 VP RS12240 WP 005479695.1
 NTDB id 1251 GC085 RS07725 WP 011946523.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1



398
404
404
404
468
468
468
478
472

logo

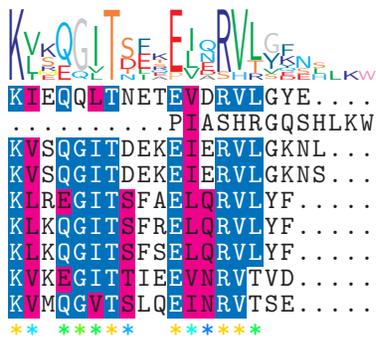
NTDB id 1384 A4U84 RS08525 WP 010787006.1
 NTDB id 1070916 ACI007 RS06320 WP 410683430.1
 NTDB id 1355 HI 0298 AAC21962.1
 NTDB id 1366 NTHI RS01950 WP 011271972.1
 NTDB id 1168 A1552VC RS11070 WP 000957200.1
 NTDB id 1401 DSB67 RS12665 WP 010643259.1
 NTDB id 1293 VP RS12240 WP 005479695.1
 NTDB id 1251 GC085 RS07725 WP 011946523.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1



442
434
444
444
544
543
543
556
552

logo

NTDB id 1384 A4U84 RS08525 WP 010787006.1
 NTDB id 1070916 ACI007 RS06320 WP 410683430.1
 NTDB id 1355 HI 0298 AAC21962.1
 NTDB id 1366 NTHI RS01950 WP 011271972.1
 NTDB id 1168 A1552VC RS11070 WP 000957200.1
 NTDB id 1401 DSB67 RS12665 WP 010643259.1
 NTDB id 1293 VP RS12240 WP 005479695.1
 NTDB id 1251 GC085 RS07725 WP 011946523.1
 NTDB id 1018 ACIAD RS01685 WP 004920473.1



461
447
464
464
562
561
561
574
570

 non conserved
 similar
 $\geq 50\%$ conserved