

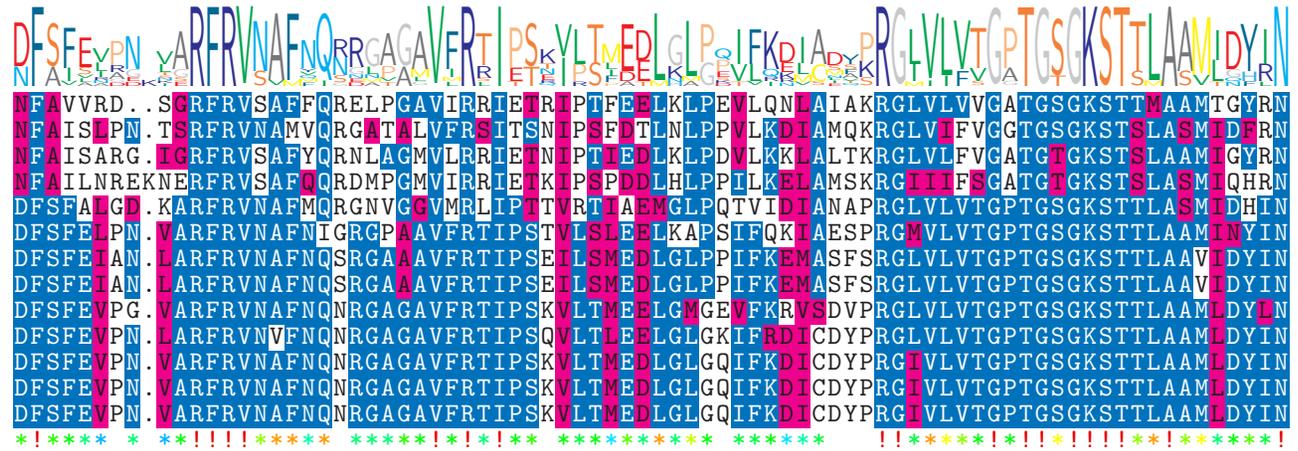
logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1  
 NTDB id 1124135 EL309 RS10580 WP 004285269.1  
 NTDB id 1203 PSJM300 01605 AFN76401.1  
 NTDB id 1019 ACIAD RS04205 WP 004922051.1  
 NTDB id 1307 DR RS10055 WP 010888596.1  
 NTDB id 1086 NMV RS00245 WP 002218487.1  
 NTDB id 1283 ACE17W RS02630 WP 010947729.1  
 NTDB id 1259 GCO85 RS10305 WP 010947729.1  
 NTDB id 1194 PAKAF RS01995 WP 003084552.1  
 NTDB id 1020 ACIAD RS04210 WP 011182164.1  
 NTDB id 1081 FDQ49 RS05335 WP 006581387.1  
 NTDB id 1060 ABD1 RS04380 WP 000355489.1  
 NTDB id 1040 HON27 RS13360 WP 000355489.1  
 consensus



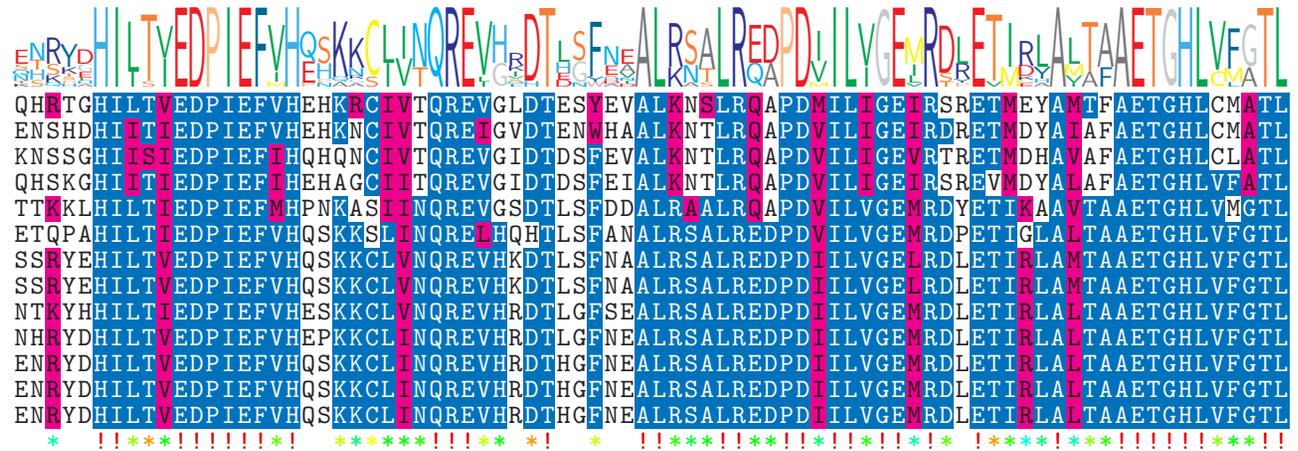
logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1  
 NTDB id 1124135 EL309 RS10580 WP 004285269.1  
 NTDB id 1203 PSJM300 01605 AFN76401.1  
 NTDB id 1019 ACIAD RS04205 WP 004922051.1  
 NTDB id 1307 DR RS10055 WP 010888596.1  
 NTDB id 1086 NMV RS00245 WP 002218487.1  
 NTDB id 1283 ACE17W RS02630 WP 010947729.1  
 NTDB id 1259 GCO85 RS10305 WP 010947729.1  
 NTDB id 1194 PAKAF RS01995 WP 003084552.1  
 NTDB id 1020 ACIAD RS04210 WP 011182164.1  
 NTDB id 1081 FDQ49 RS05335 WP 006581387.1  
 NTDB id 1060 ABD1 RS04380 WP 000355489.1  
 NTDB id 1040 HON27 RS13360 WP 000355489.1  
 consensus



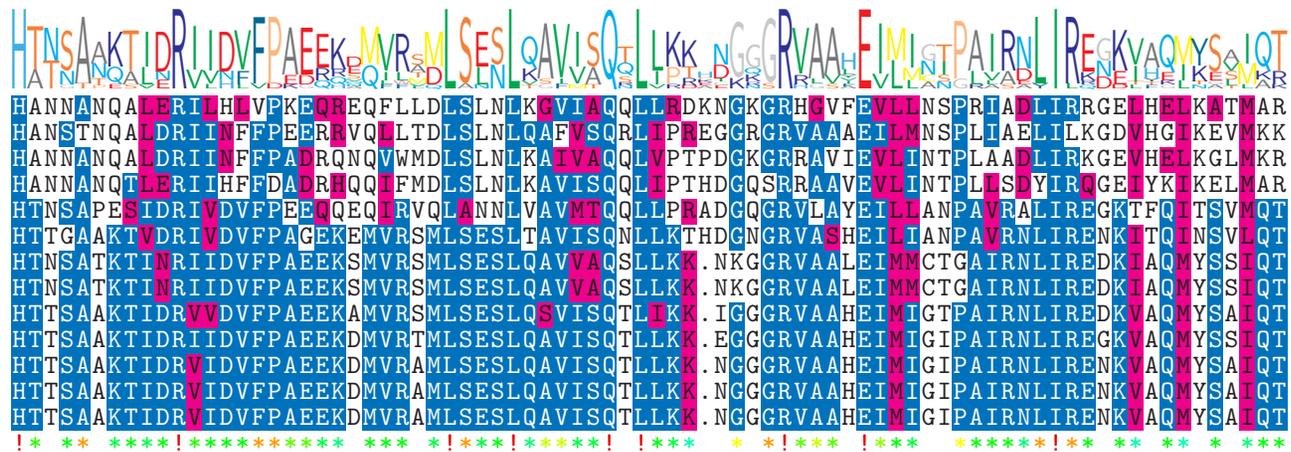
logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1  
 NTDB id 1124135 EL309 RS10580 WP 004285269.1  
 NTDB id 1203 PSJM300 01605 AFN76401.1  
 NTDB id 1019 ACIAD RS04205 WP 004922051.1  
 NTDB id 1307 DR RS10055 WP 010888596.1  
 NTDB id 1086 NMV RS00245 WP 002218487.1  
 NTDB id 1283 ACE17W RS02630 WP 010947729.1  
 NTDB id 1259 GCO85 RS10305 WP 010947729.1  
 NTDB id 1194 PAKAF RS01995 WP 003084552.1  
 NTDB id 1020 ACIAD RS04210 WP 011182164.1  
 NTDB id 1081 FDQ49 RS05335 WP 006581387.1  
 NTDB id 1060 ABD1 RS04380 WP 000355489.1  
 NTDB id 1040 HON27 RS13360 WP 000355489.1  
 consensus



logo

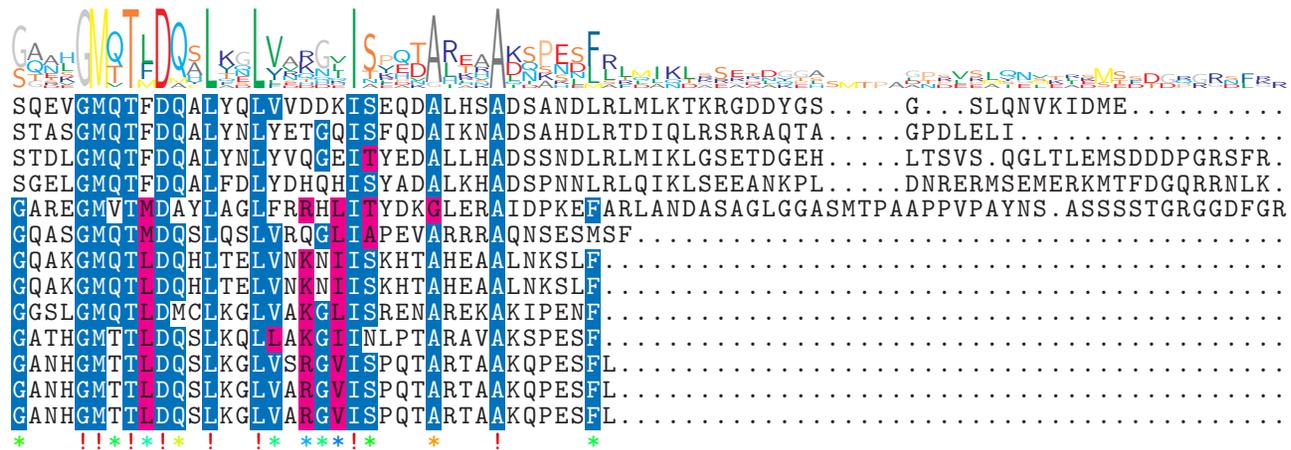
NTDB id 1177 A1552VC RS01165 WP 000422572.1  
 NTDB id 1124135 EL309 RS10580 WP 004285269.1  
 NTDB id 1203 PSJM300 01605 AFN76401.1  
 NTDB id 1019 ACIAD RS04205 WP 004922051.1  
 NTDB id 1307 DR RS10055 WP 010888596.1  
 NTDB id 1086 NMV RS00245 WP 002218487.1  
 NTDB id 1283 ACE17W RS02630 WP 010947729.1  
 NTDB id 1259 GCO85 RS10305 WP 010947729.1  
 NTDB id 1194 PAKAF RS01995 WP 003084552.1  
 NTDB id 1020 ACIAD RS04210 WP 011182164.1  
 NTDB id 1081 FDQ49 RS05335 WP 006581387.1  
 NTDB id 1060 ABD1 RS04380 WP 000355489.1  
 NTDB id 1040 HON27 RS13360 WP 000355489.1  
 consensus



306  
319  
308  
309  
312  
308  
307  
307  
307  
307  
307  
307  
307  
307  
307

logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1  
 NTDB id 1124135 EL309 RS10580 WP 004285269.1  
 NTDB id 1203 PSJM300 01605 AFN76401.1  
 NTDB id 1019 ACIAD RS04205 WP 004922051.1  
 NTDB id 1307 DR RS10055 WP 010888596.1  
 NTDB id 1086 NMV RS00245 WP 002218487.1  
 NTDB id 1283 ACE17W RS02630 WP 010947729.1  
 NTDB id 1259 GCO85 RS10305 WP 010947729.1  
 NTDB id 1194 PAKAF RS01995 WP 003084552.1  
 NTDB id 1020 ACIAD RS04210 WP 011182164.1  
 NTDB id 1081 FDQ49 RS05335 WP 006581387.1  
 NTDB id 1060 ABD1 RS04380 WP 000355489.1  
 NTDB id 1040 HON27 RS13360 WP 000355489.1  
 consensus



368  
377  
381  
383  
391  
347  
344  
344  
344  
344  
345  
345  
345

logo

NTDB id 1177 A1552VC RS01165 WP 000422572.1  
 NTDB id 1124135 EL309 RS10580 WP 004285269.1  
 NTDB id 1203 PSJM300 01605 AFN76401.1  
 NTDB id 1019 ACIAD RS04205 WP 004922051.1  
 NTDB id 1307 DR RS10055 WP 010888596.1  
 NTDB id 1086 NMV RS00245 WP 002218487.1  
 NTDB id 1283 ACE17W RS02630 WP 010947729.1  
 NTDB id 1259 GCO85 RS10305 WP 010947729.1  
 NTDB id 1194 PAKAF RS01995 WP 003084552.1  
 NTDB id 1020 ACIAD RS04210 WP 011182164.1  
 NTDB id 1081 FDQ49 RS05335 WP 006581387.1  
 NTDB id 1060 ABD1 RS04380 WP 000355489.1  
 NTDB id 1040 HON27 RS13360 WP 000355489.1  
 consensus



368  
377  
381  
383  
418  
347  
344  
344  
344  
345  
345  
345

 non conserved  
 similar  
  $\geq 50\%$  conserved