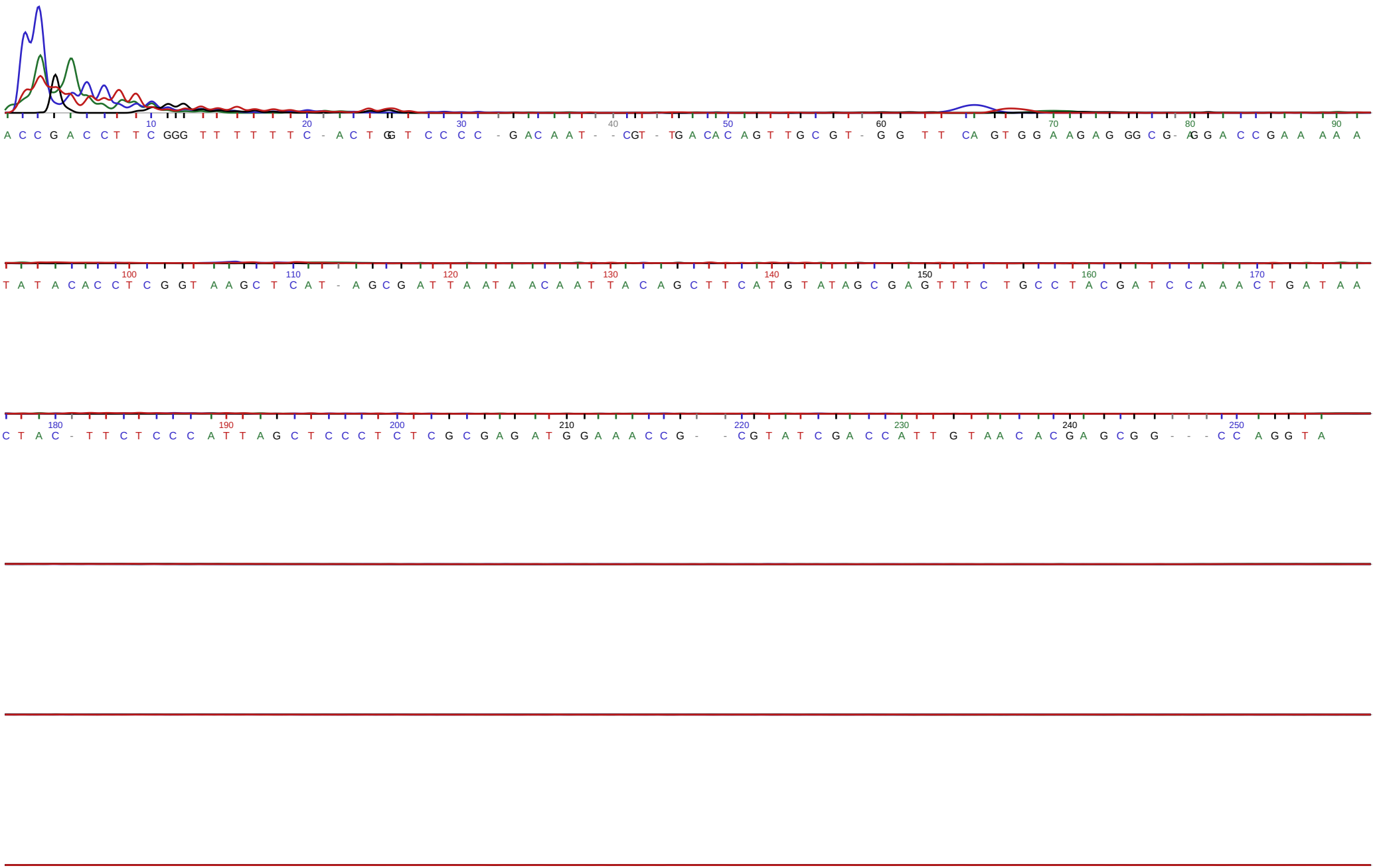Samples: 7250
Bases: 256
Average spacing: 29