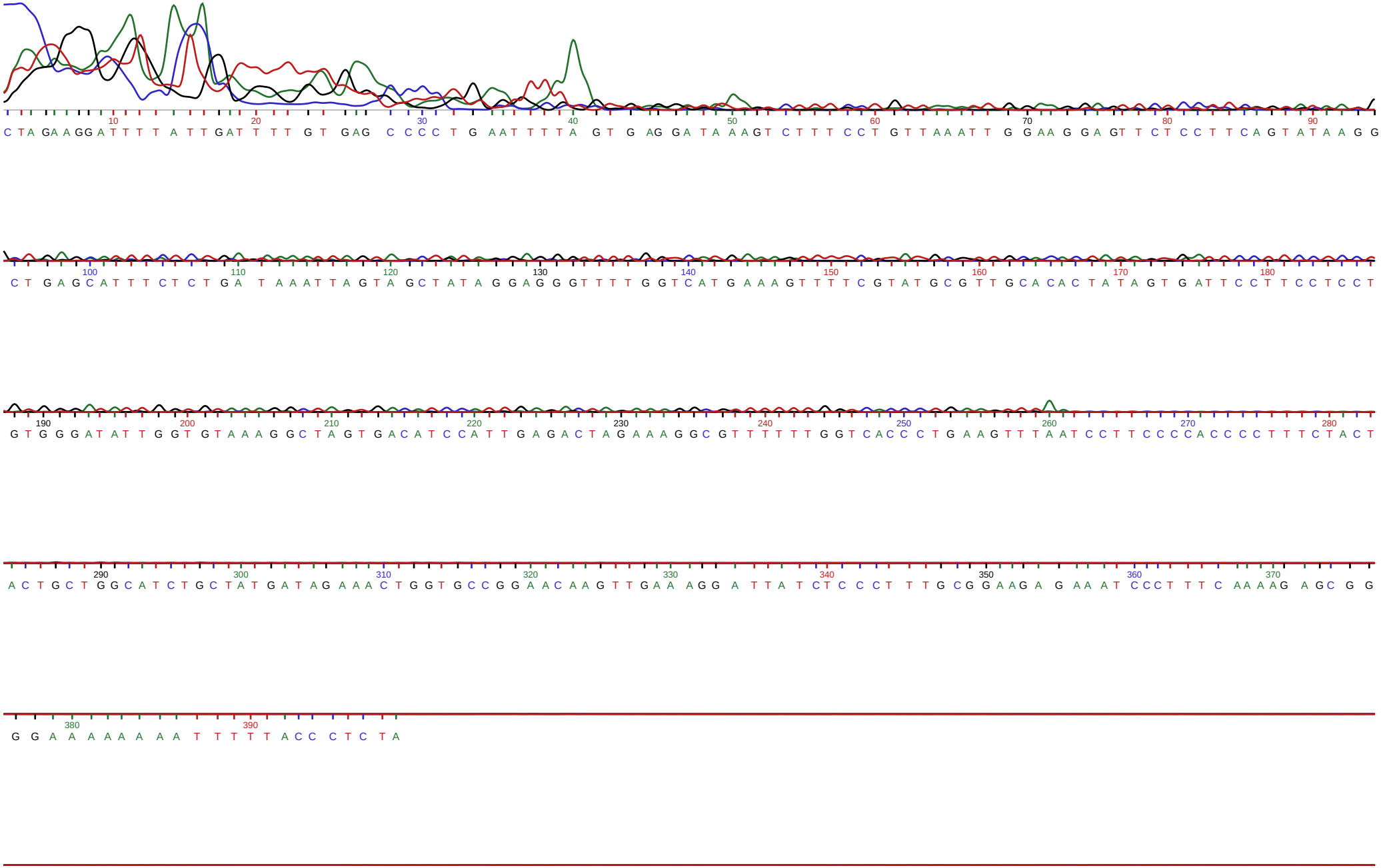Samples: 12819
Bases: 400
Average spacing: 33