

Sequence

GCCTAA GTAGTA AAATTA

Breaking the sequence into 3 equal-sized fragments

Fragments

GCCTAA

GTAGTA

AAATTA

Creating the prime number vector by substituting bases with prime numbers

Prime Number Vector

[113 -113 -113 -71 71 71]

[113 -71 71 113 -71 71]

[71 71 71 -71 -71 71]

Creating the feature vector by summing the prime number vectors

Feature Vector

[-42 226 142]