

# Fourier Spectral Analysis of Coding Sequences

Automated Report

November 20, 2025

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## 1 Group 1: Single Peak at 0.33

## 2 Group 2: Single Peak Elsewhere

## 3 Group 3: Multiple Peaks

### 3.1 SCFR\_NC\_060942.1\_74425633\_74430805

#### 3.1.1 Protein: frame-2

Gene ID: SCFR

Nucleotide Accession: NC\_060942.1

Sequence Length: 5172 bp

Protein Description:

Stop-codon-free region (74425633-74430805)

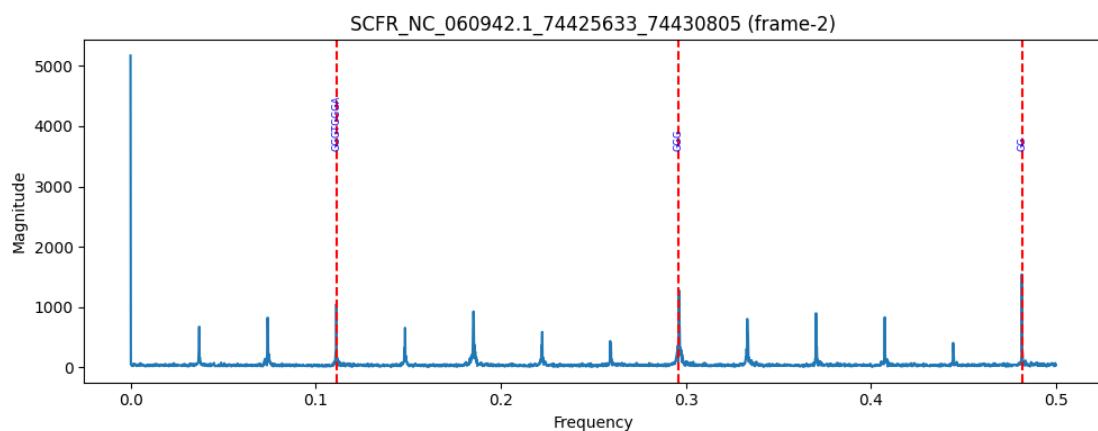


Figure 1: FFT Spectrum for frame-2

Frequency	Motifs
0.481	GG (2074), GA (942), AG (766), TG (445), GT (256)
0.296	GGG (1115), GGA (588), AGG (578), GAG (574), TGG (372)
0.111	GGGTGGGA (189), GGTGGGAG (188), AGGGTGGG (185), GGGGGATG (179), GGGGATGG (176)