**Report**

The coding sequence for eGFP was obtained from NCBI (<https://www.ncbi.nlm.nih.gov/protein/AAB02572>).

The script converts both coding sequences and cDNA sequences to mRNA sequence. It then uses ViennaRNA to predict the secondary structure of the mRNA and rna-tools to generate the secondary structure visualization which is stored in the rna\_seq\_ss.ps file that is generated.

For eGFP, the structure generated has a minimum free energy of -254.60

For TERC-201, the structure generated has a minimum free energy of -262.50