A Study of Transcription and Its Affects

Warning: `main.m` takes 1522.384501 seconds, which is approximately 25 minutes, to run.

To run the this repository locally, you will first want to download (or cloan) this repository and then run `main.m` with the command

```
run('main.m');
```

The script `main.m` is broken up into two major parts. Please note that hits are strong and weak binding sites.

Part 1 : Finding the Hits
The script that finds the hits, which is called from `main.m`, is called `hits.m`.

Part 2 : Analyzing the Hits
The script that analyses the hits, which is called from `main.m`, is called `distances.m`. `distances.m` calculates the distances between every strong and weak site.