

Determine the co-occurrence of sequences in a 454 sample

Purpose: to determine the co-occurrence of sequences in a 454 sample (e.g., co-occurrences at the same 5' and 3' start sites and short repeated sequences)

Source code: co_occurrence.cpp

Example input file #1: test.fna

Additional input number: 50

Example output file: co_occurrence_file.txt

Instructions:

1) Compile source code for the app called "co_occur" using the line command:

```
g++ co_occurrence.cpp -o co_occur
```

2) Run the "co_occur" program by invoking the following line command:

```
./co_occur test.fna 50 > co_occurrence_test.xls
```