Report:

1. System configuration:
   1. CPU: 2.9 GHz Intel Core i5
   2. Clock rate: 2.9GHz
   3. RAM: 8GB 1867 MHz DDR3
   4. Cache size:
      1. L2 Cache (per Core): 256 KB
      2. L3 Cache: 3MB
2. Construction time:
   1. chr12.fas: 3201285 us
   2. colorblind\_human\_gene\_fasta: 3766 us
   3. colorblind\_mouse\_gene\_fasta: 4479 us
   4. Human-BRCA2.cds.fasta: 15701 us
   5. Slyco.fas: 260666 us
3. Justification:
   1. I had no expectations of runtime performance.
4. Compiled program: 103 kb
   1. main.cpp: 55 kb
   2. header.h: 2kb
5. Complete
6. Exact Matching Repeat:
   1. chr12.fas:
      1. Characters: 8375
      2. Indexes: 451418, 460555
   2. colorblind\_human\_gene\_fasta:
      1. Characters: 18
      2. Indexes: 1817, 1810
   3. colorblind\_mouse\_gene\_fasta:
      1. Characters: 14
      2. Indexes: 2839, 2838
   4. Human-BRCA2.cds.fasta:
      1. Characters: 14
      2. Indexes: 7251, 9236
   5. Slyco.fas:
      1. Characters: 48
      2. Indexes: 88150, 88130