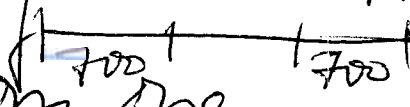


TIM YORKE
What is a Genome Like
ACGT - 4 Letters Alphabet

3 billion letters for Humans & Rats

Cost 60 million dollars for the Rat

Start Reading a string 3000 letters

Read about 700 from  from one end - called a Read

Read about 700 from the other end.

Expect to have 3 Libraries

(1) 10 million of length 3000

(2) Million $10,000 \pm 2000$

(3) One hundred thousand of 20,000

Put together the Jigsaw puzzle