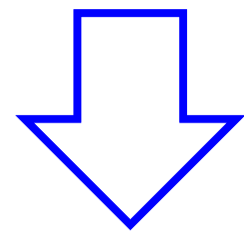


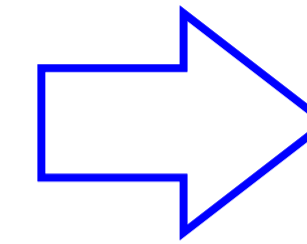
A A T G C C G T A C G T A G G G T A A T A T A T G A C C A



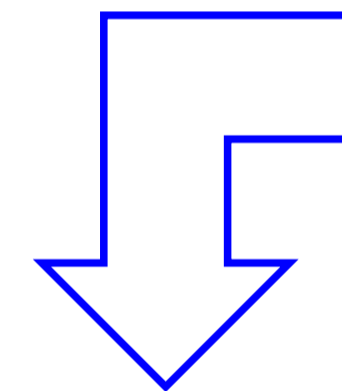
(Sequencing: Solexa, Illumina, etc..)

T G C C G T T A G G G T A T A T A T
A A T G C T T A C G T A A T G A C C
T T G C C G C G T A G G T A A T A T
 G T A C G T G T A C T A
A A T G C C G G G T A A T G A C C A
 G T A G G G T A T G A C
 C T A T A T

Compute k-mer with k=4



Create Graph for the set of k-mers



- A A T A
- A A T G (x2)
- A C C A
- A C G T (x2)
- A C T A
- A G G G (x2)
- A T A T (x4)
- A T G A (x2)
- A T G C (x2)
- C C G T
- C G T A (x2)
- C T A T
- G A C C (x2)
- G C C G (x2)
- G G G T (x2)
- G G T A
- G T A A
- G T A C (x2)
- G T A G (x2)
- T A A T
- T A C G (x2)
- T A C T
- T A G G (x3)
- T A T A (x2)
- T A T G
- T G A C (x3)
- T G C C (x3)
- T G C T
- T T G C

