The human genome
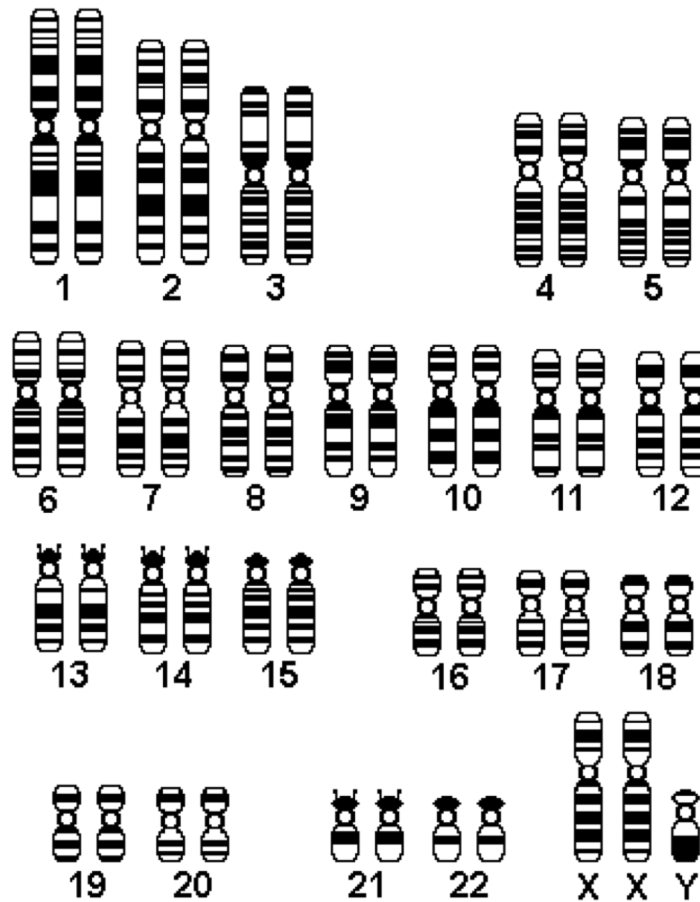
NGS sequencing

NGS sequence alignment

Reference Genome Sequence

35 bp identified | 330 - 430 bp unknown sequence | 35 bp identified
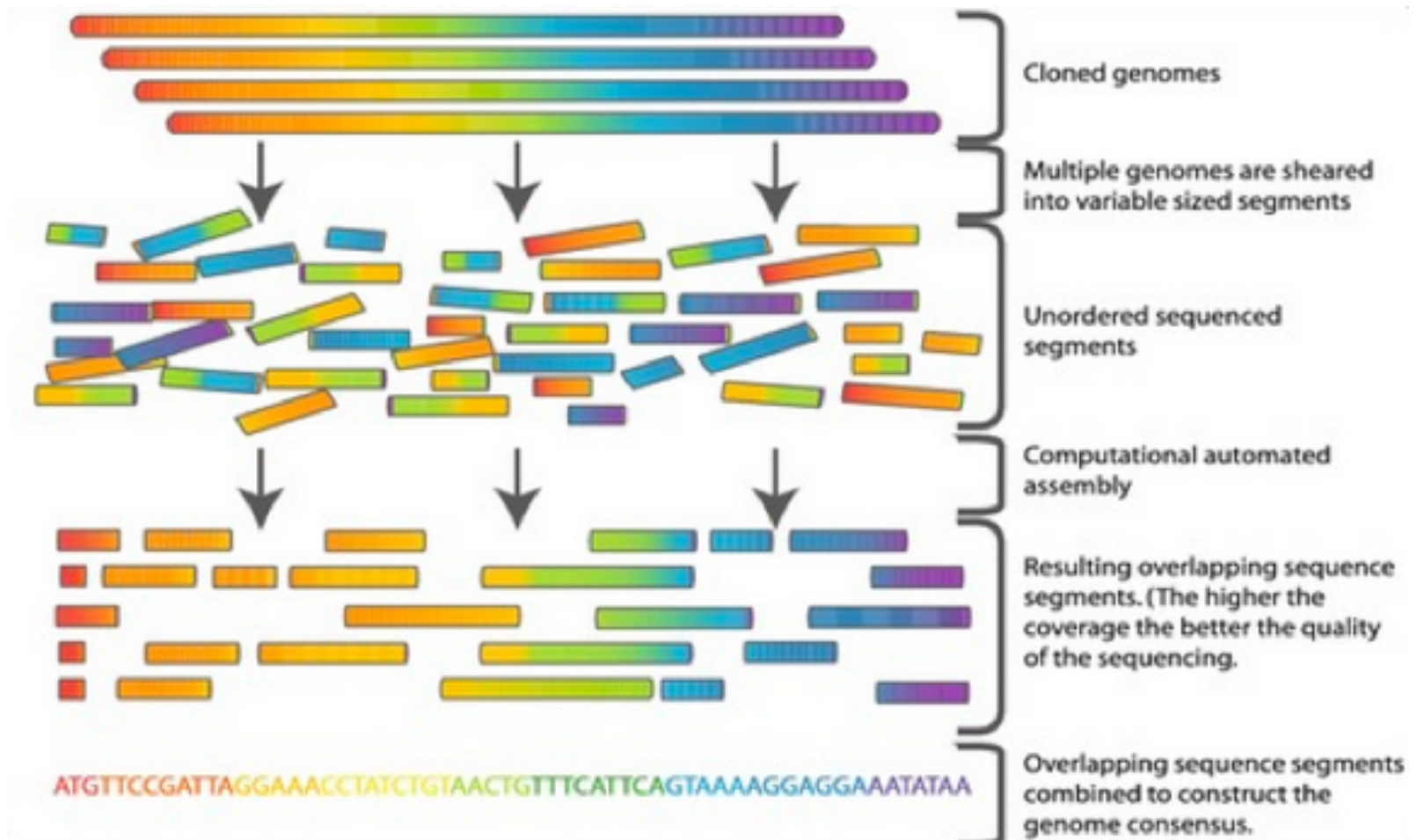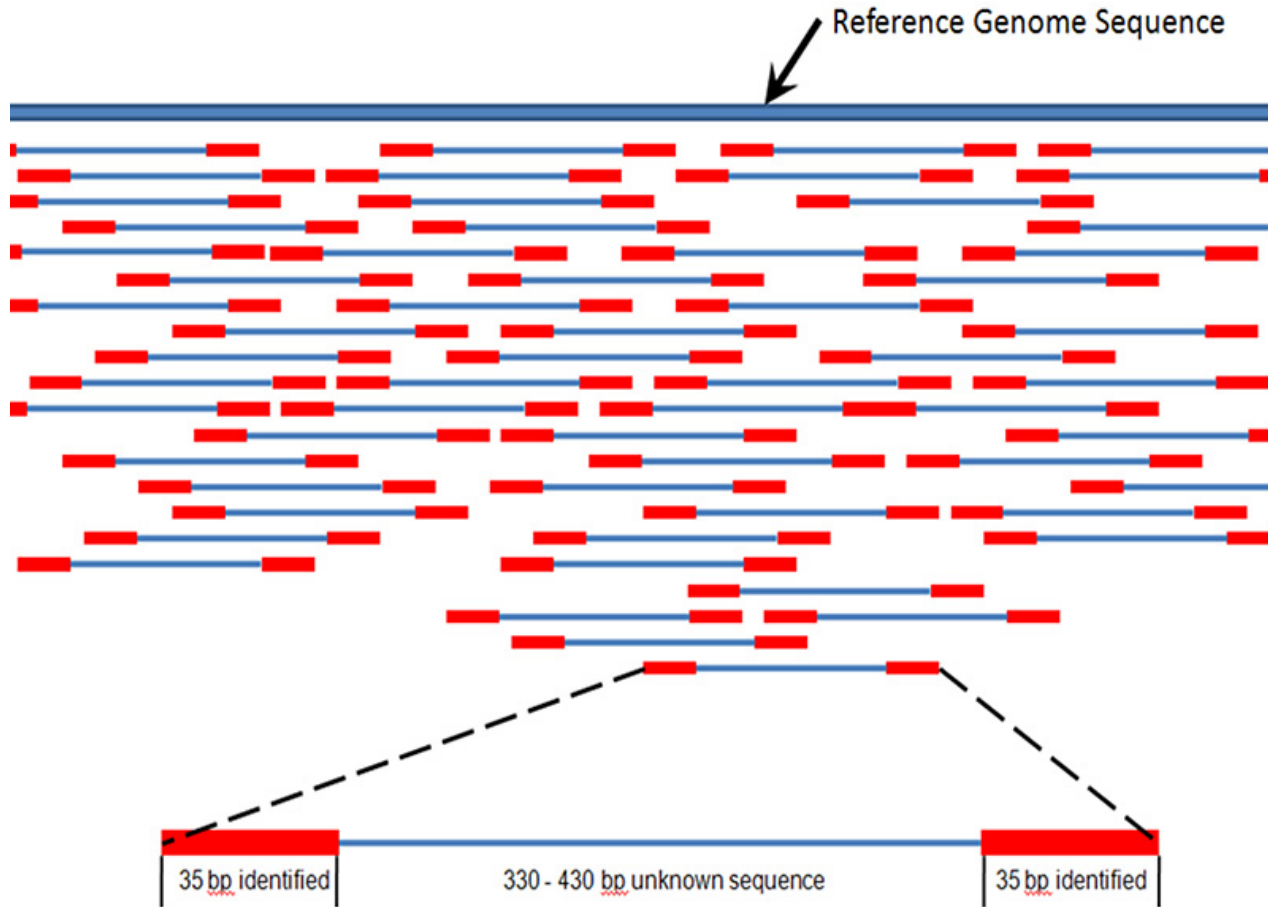
Haplotypes
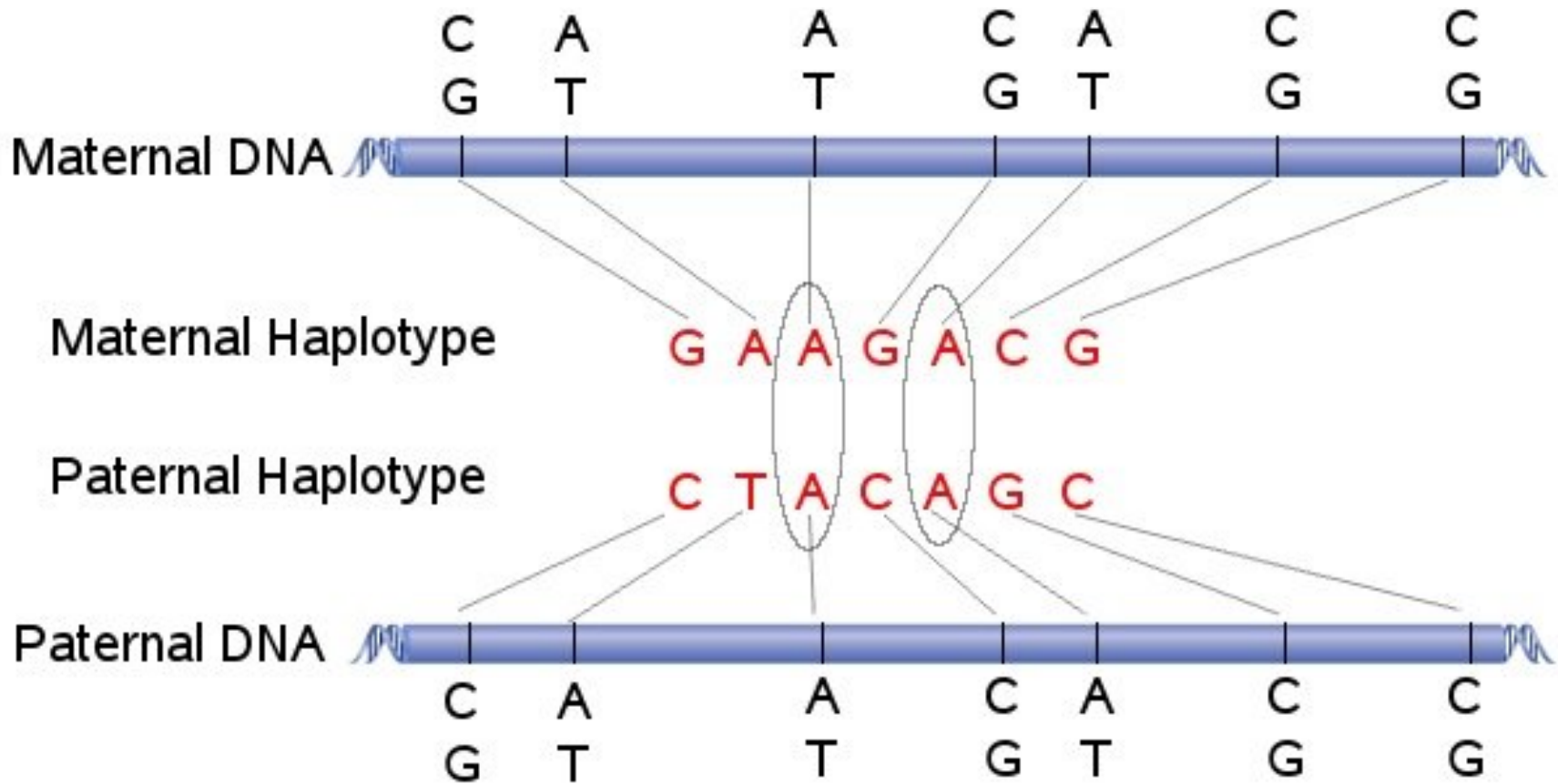
Conflict Graph

H_1 = ATTACCTT

H_2 = GATCGGAT

f_1 = A-TA--TT
f_2 = -TT-C---
f_3 = A--A-C-T

f_4 = GA-CG-AT
f_5 = ---C-GA-
f_6 = --T-GG--
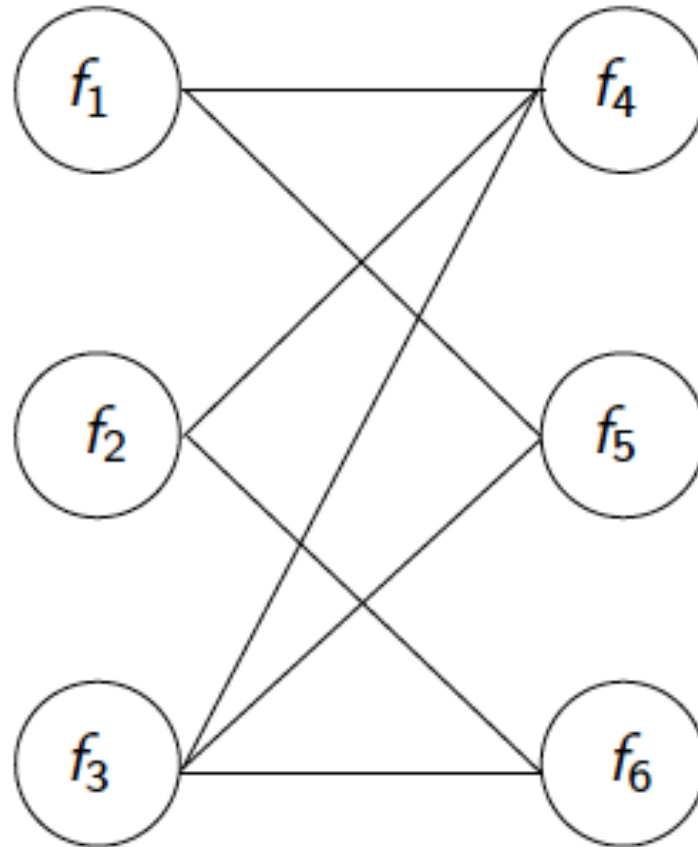
Conflict Graph

H_1 = ATTACCTT

H_2 = GATCGGAT

f_1 = A-TA--TT
f_2 = -TTGC---
f_3 = A--A-C-T

f_4 = GA-CG-AT
f_5 = ---C-GA-
f_6 = --T-AG--