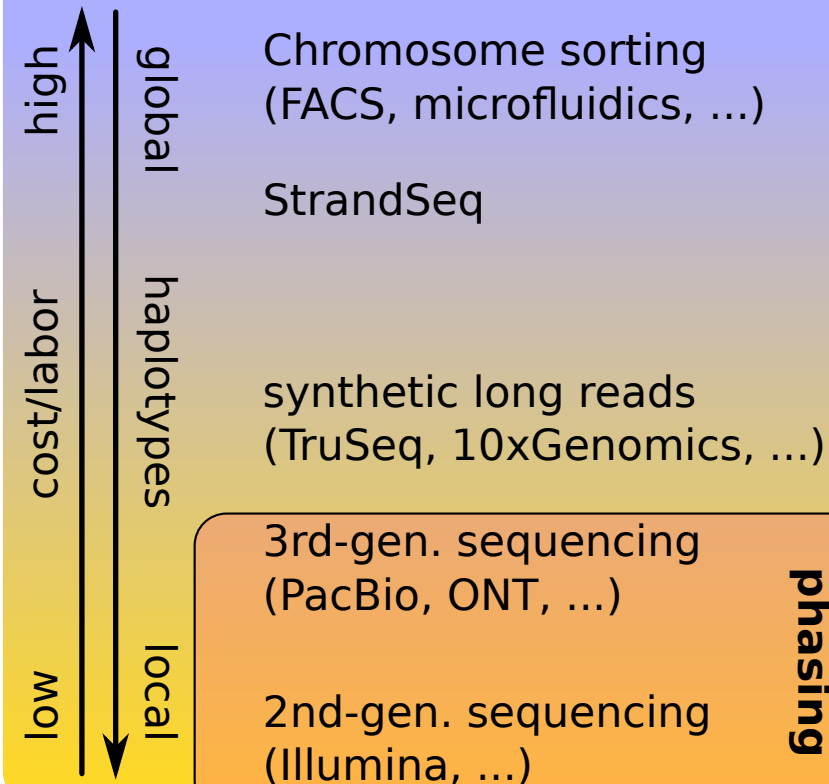


Molecular Haplotyping

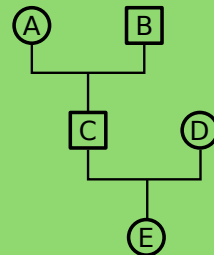


3rd-gen. sequencing
(PacBio, ONT, ...)

2nd-gen. sequencing
(Illumina, ...)

**Read-based
phasing**

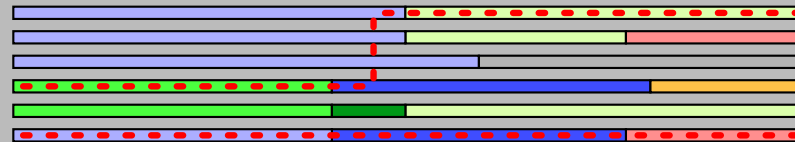
Genetic Haplotyping



A: 0/1 1/1 0/1 0/0
B: 0/1 0/0 0/1 0/1
C: 1/1 0/1 0/1 0/0
D: 0/1 1/1 1/1 0/1
E: 0/1 0/1 0/1 0/0

Use genotypes across a pedigree

Statistical Phasing



Use genotypes/haplotypes from a
reference population