## **Molecular Haplotyping**

Chromosome sorting (FACS, microfluidics, ...)

StrandSeq

haplotypes

synthetic long reads (TruSeq, 10xGenomics, ...)

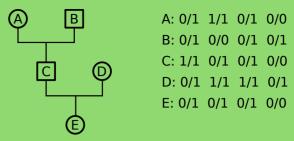
3rd-gen. sequencing (PacBio, ONT, ...)

Part 1

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

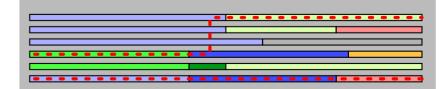
phasing

## **Genetic Haplotyping**



Use genotypes across a pedigree

## **Statistical Phasing**



Use genotypes/haplotypes from a reference population