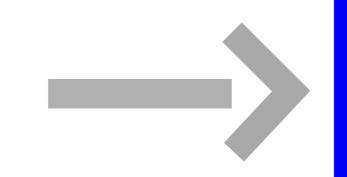
GIAB SNP Calls (141,256)

Ground Truth unphased genotypes



Phasing using Shapelt (140,744) Ground Truth phased variants

PacBio dataset coverages: 2x, 3x, 4x, 5x, 10x, 15x avg. read-length: 8495 bp

WhatsHap

Phasing comparison

True Haplotypes of parents

Virtual Child (True haplotypes)

(applying recombination and inheritance to four parent haplotypes)



Simulated reads using pbsim BWA-MEM alignments

Downsampled (2x,3x,4x,10x,15x)



Phasing comparison