variants
Bam coverage
Child reads align to father allele1
Child haplotype align to father allele1
variants  Bam coverage
Child reads align to father allele2
Bam coverage
Child haplotype align to father allele2
variants
Bam coverage  Child reads align to mother allele1
Bam coverage
Child haplotype align to mother allele1
variants
Bam coverage
Child reads align to mother allele2
Bam coverage
Child haplotype align to mother allele2