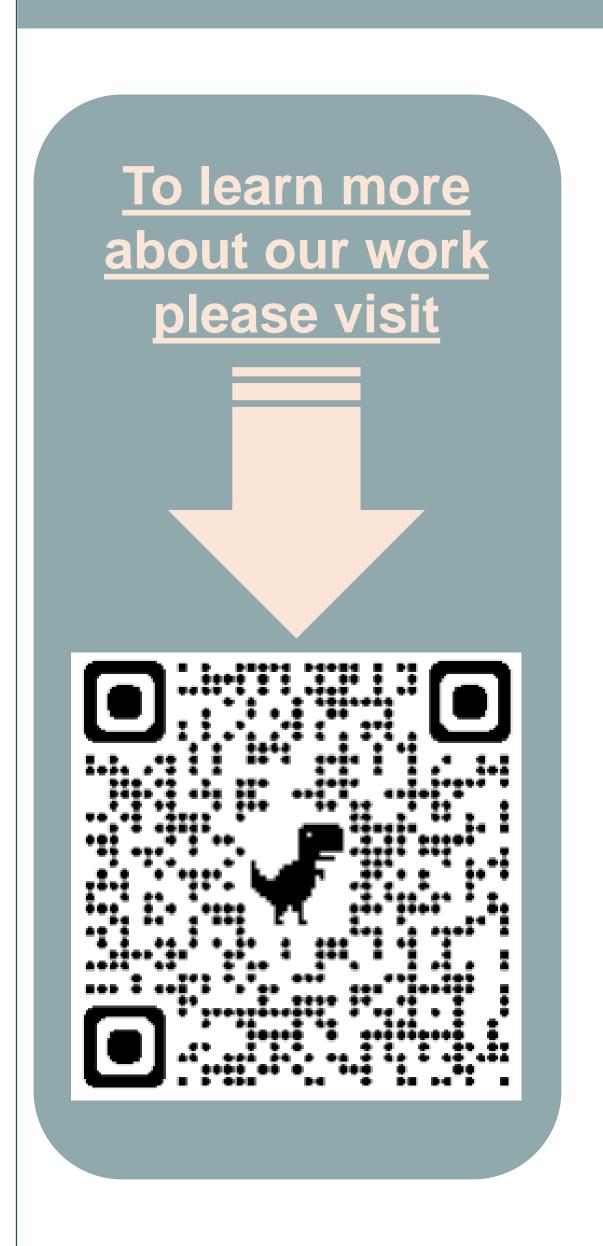
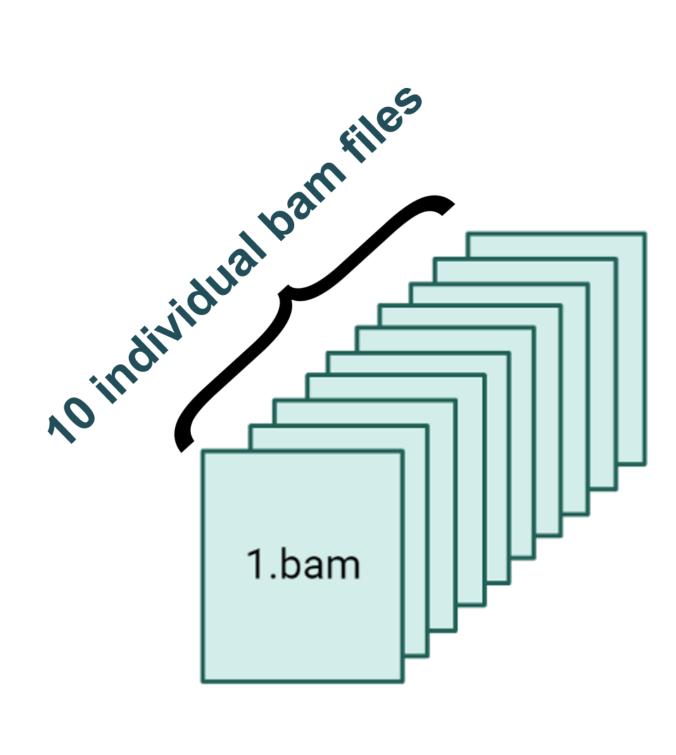
Synthetic Genomics Data Generation and Evaluation for the Use Case of Benchmarking Somatic Variant Calling Algorithms

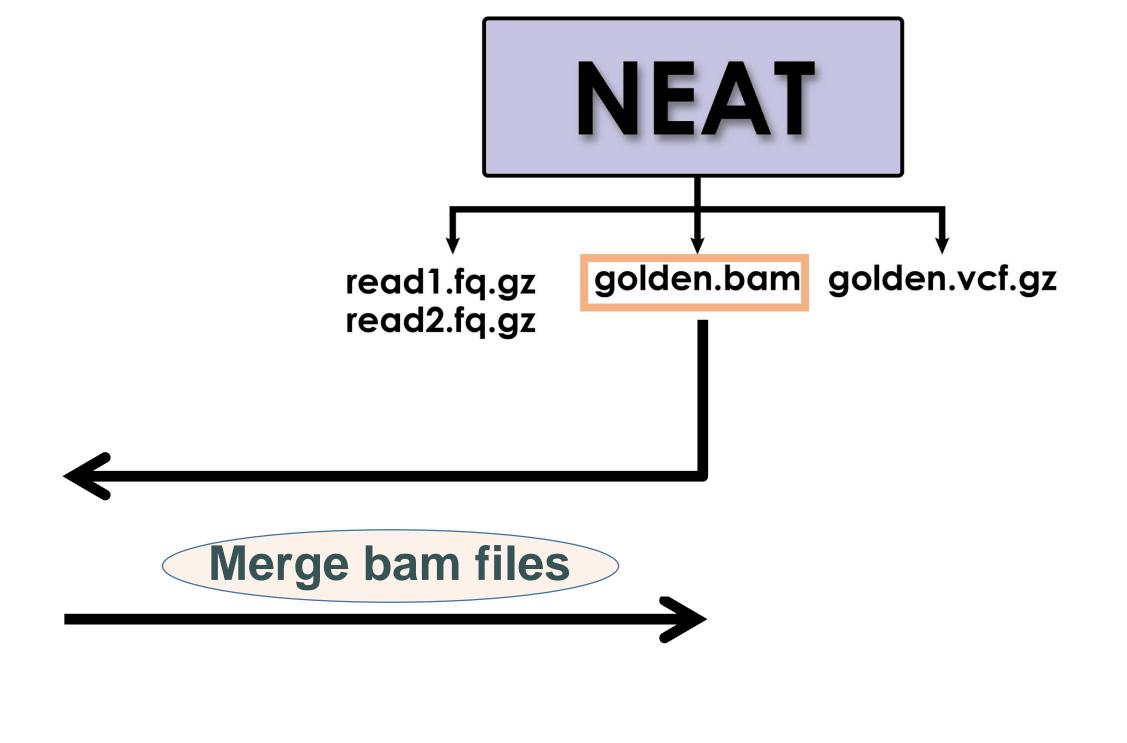
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Synthetic «Gold Standard» Dataset Generation







Ground

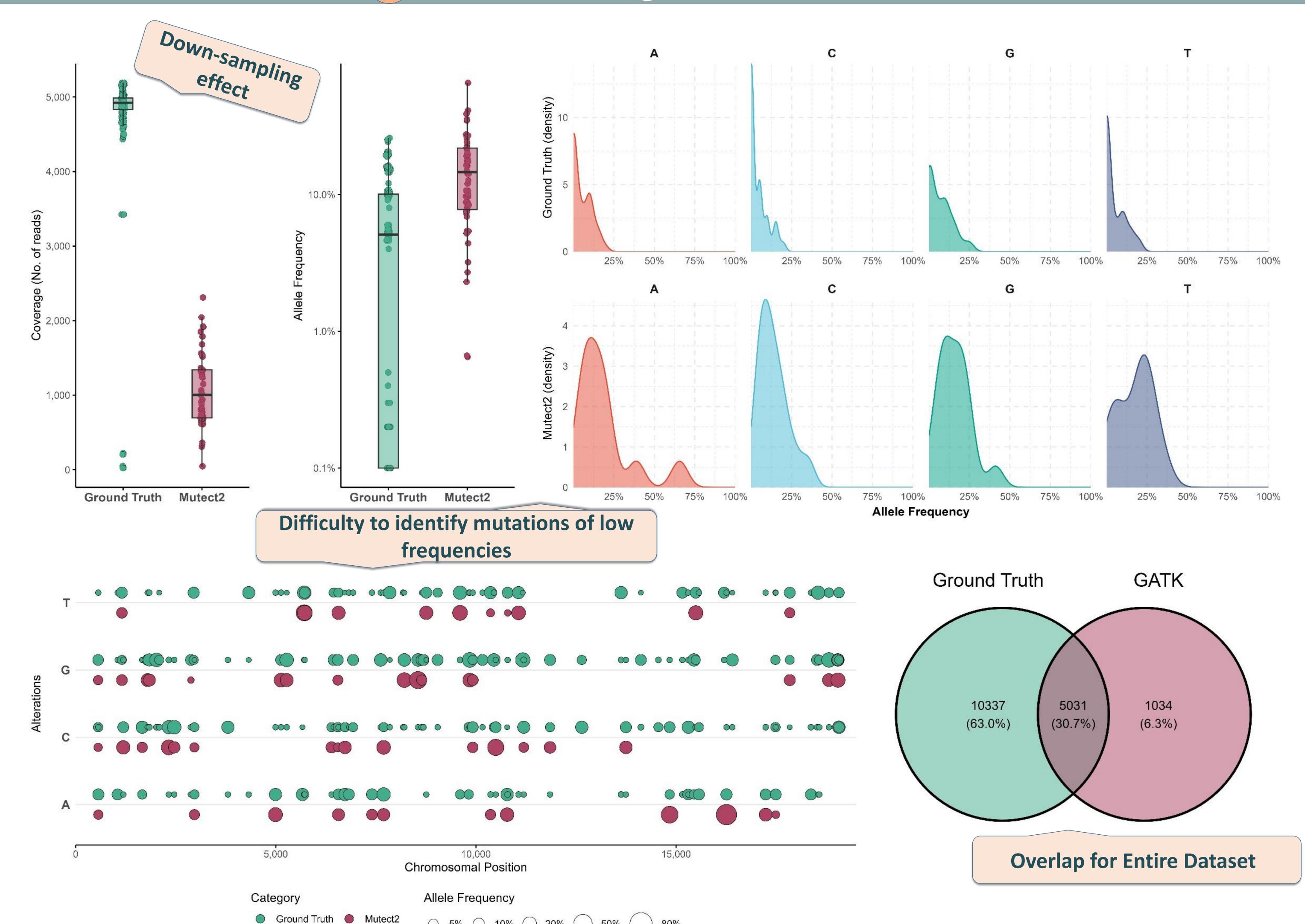
x500 coverage

Gold Standard Mutations 100% Allele Frequency

x5000 coverage

Gold Standard Mutations 10% Allele Frequency

Benchmarking GATK-Mutect2









O 5% O 10% O 20% O 50% ()

