Methylation Detection System
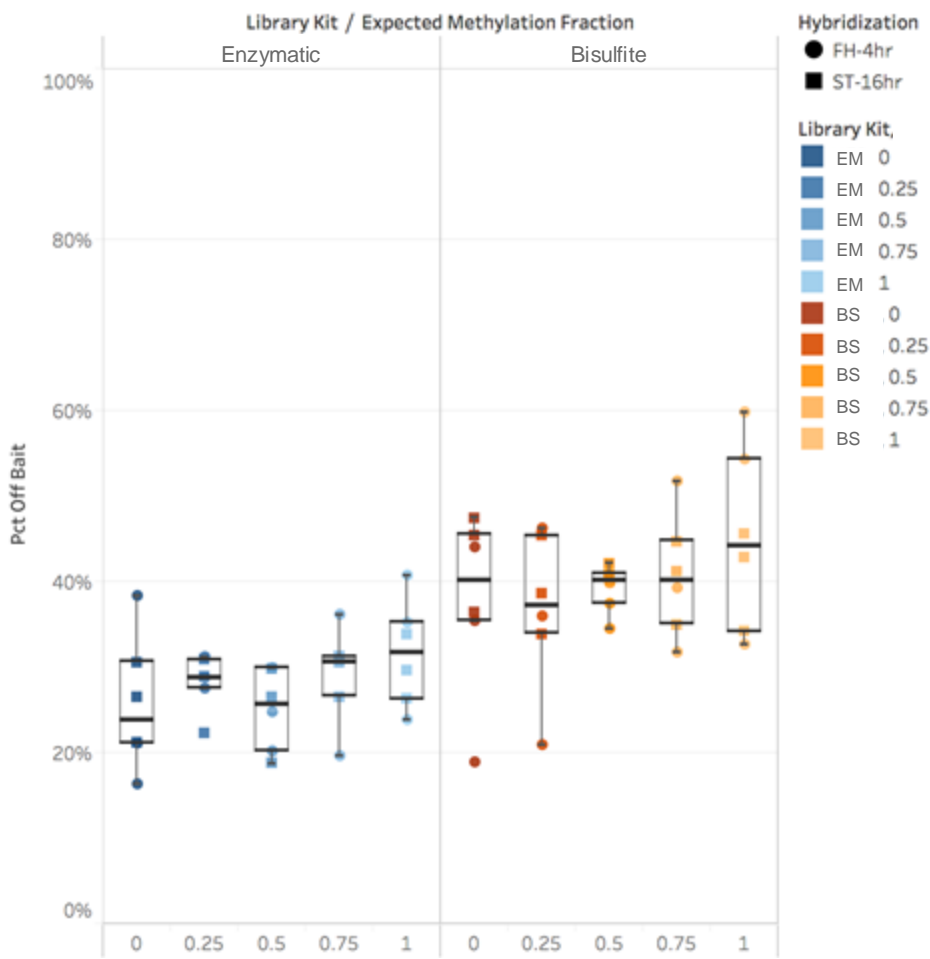
Tim Farinholt, PhD
NGS Applications Scientist
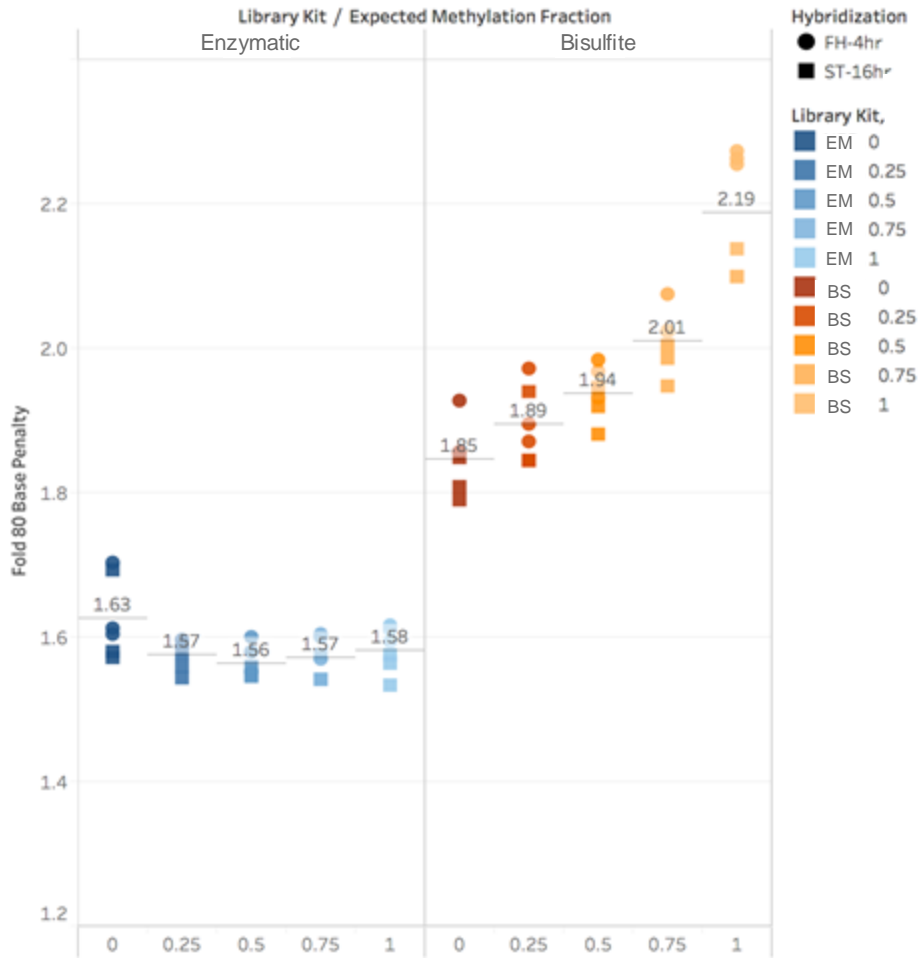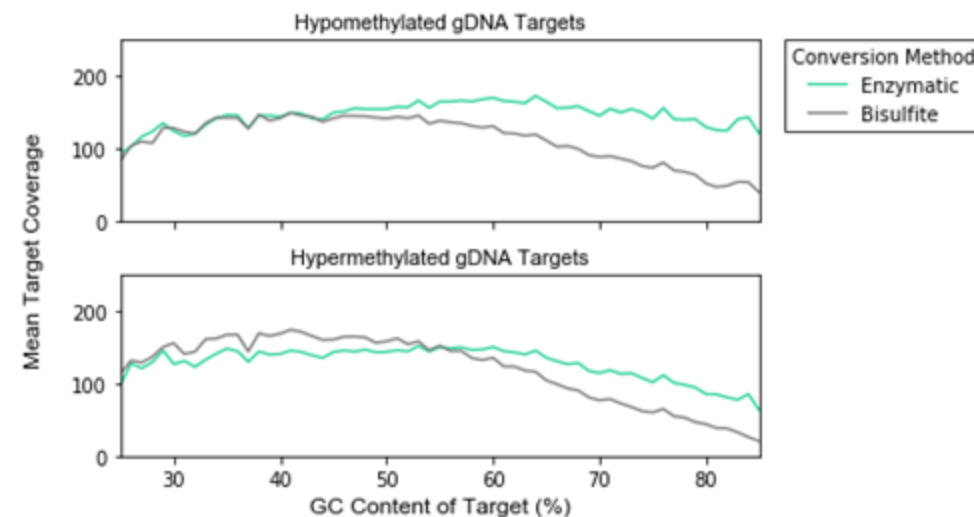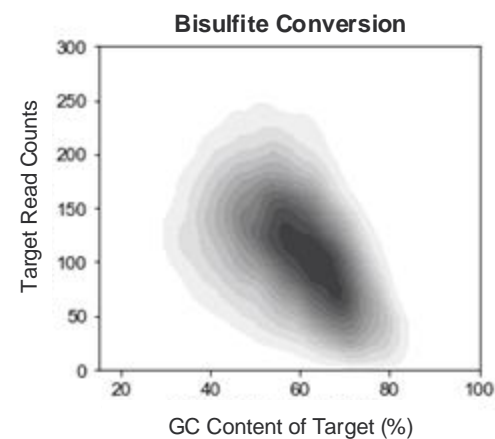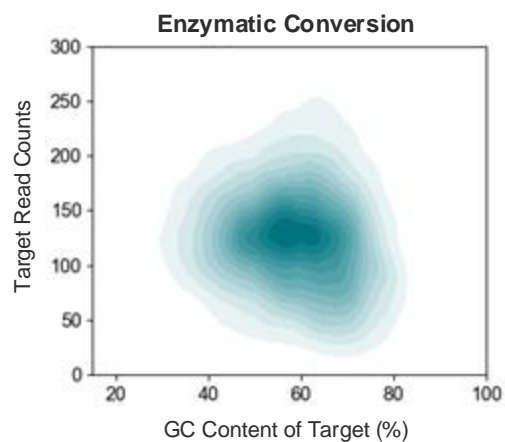
Percent Off Bait

Fold-80 Base Penalty
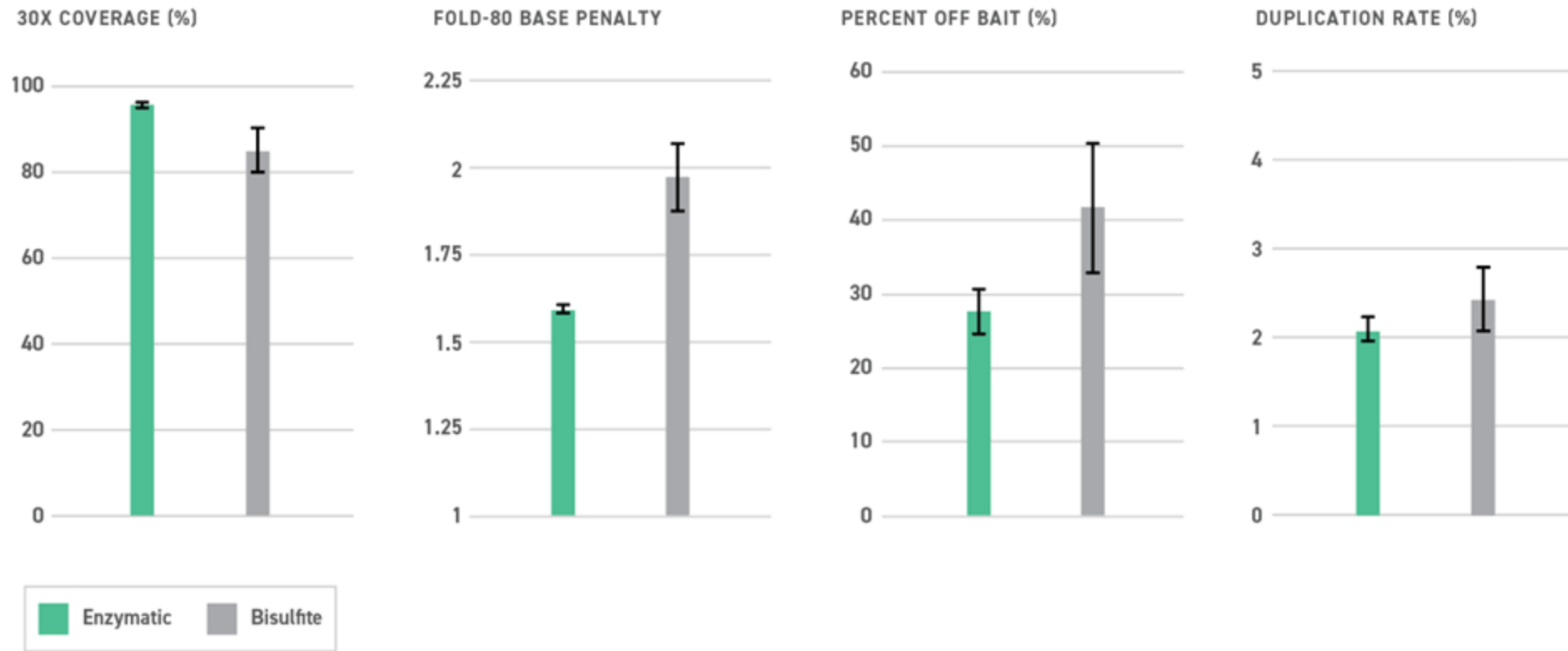
Enzymatic Method Provides Better GC Representation

The enzymatic conversion method shows significantly less bias in high GC target regions
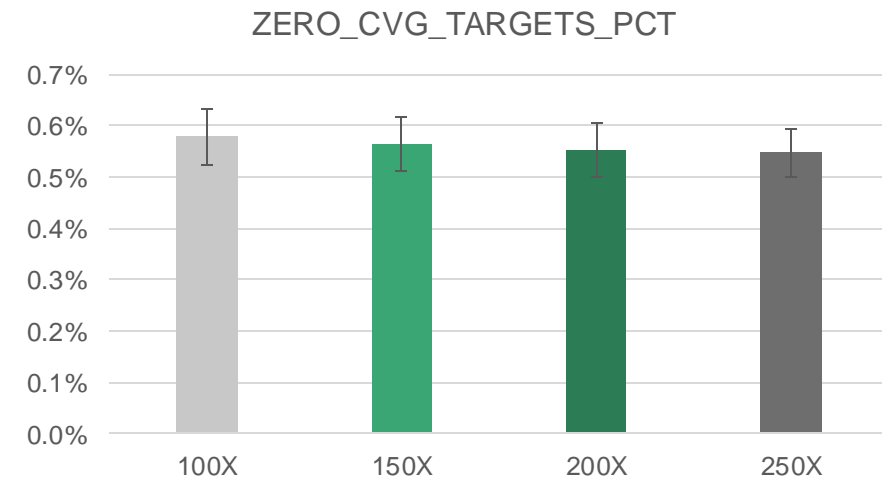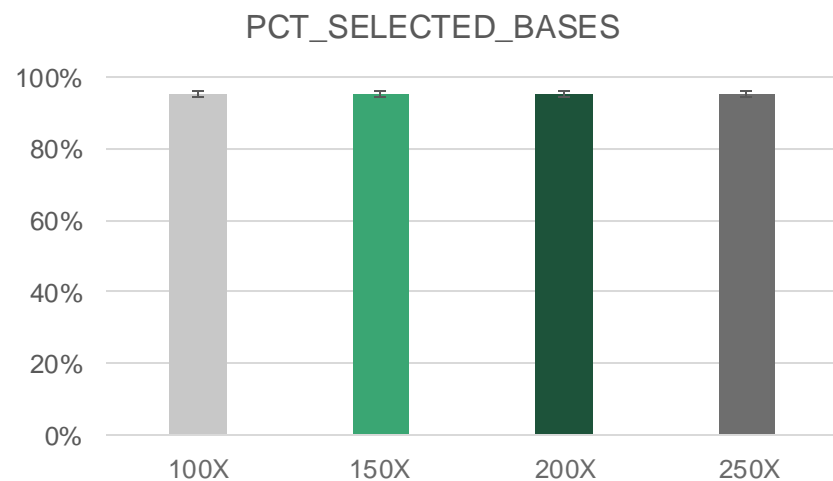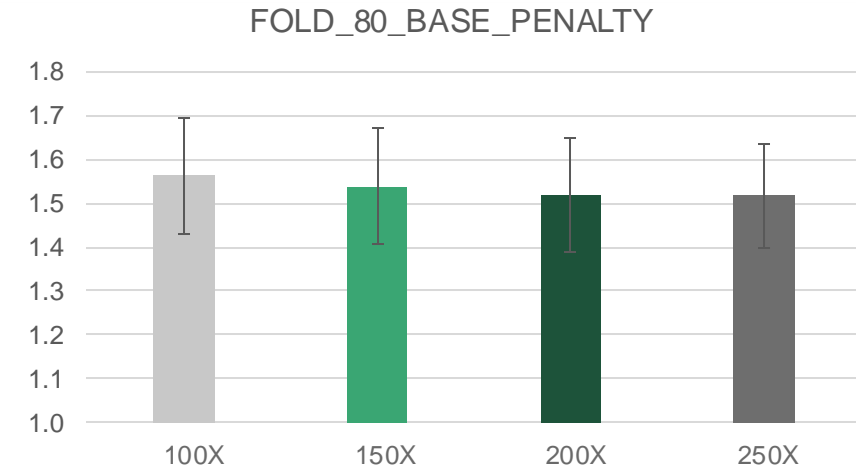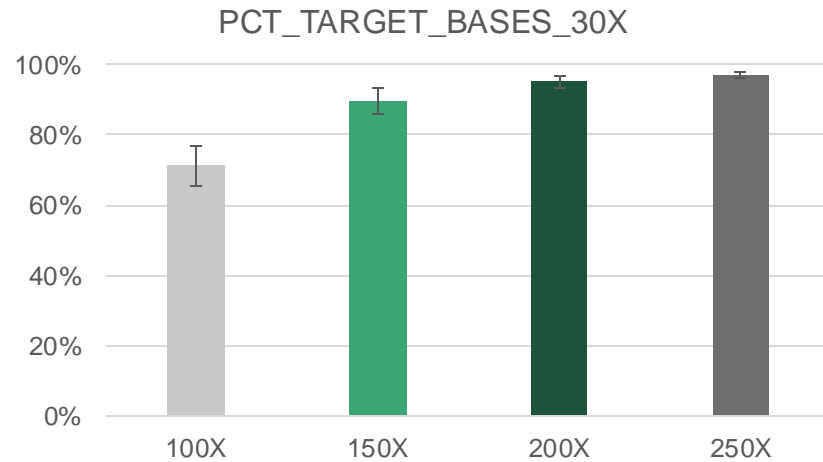
Enzymatic Conversion is Superior to Bisulfite Conversion
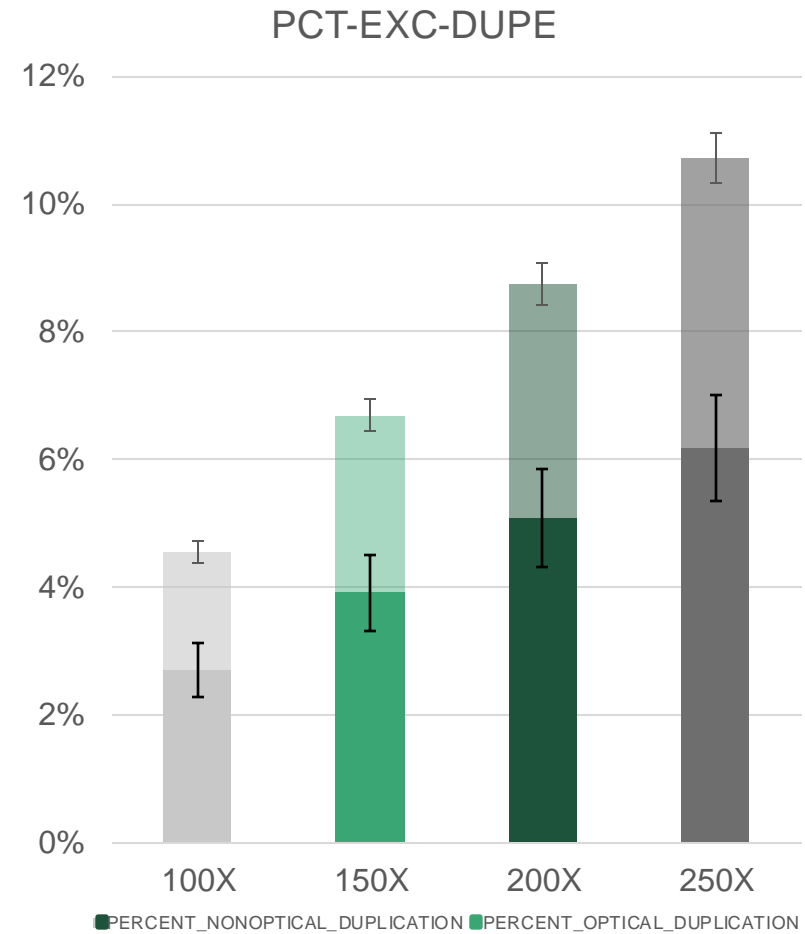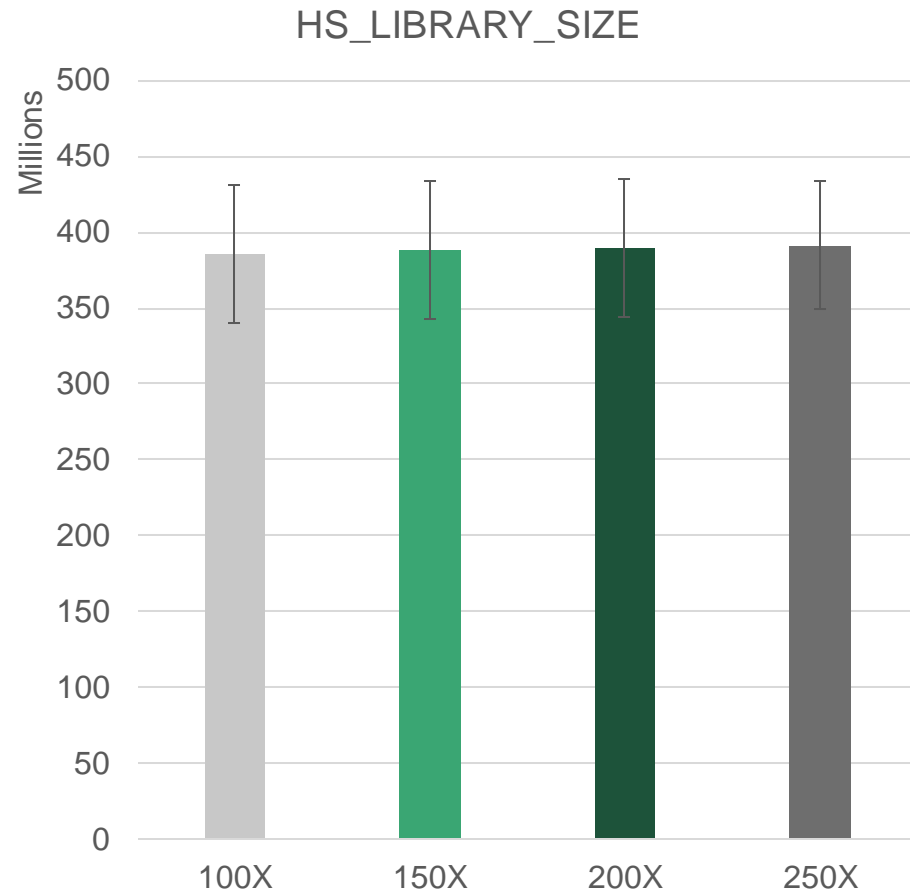
Key Performance Metrics

150x raw coverage = 90% at 30x bases, Fold 80 1.54, On-target 95%, Zero coverage 0.56%

Library Complexity

Full saturation across all coverage values

Methylation Specific Metrics