



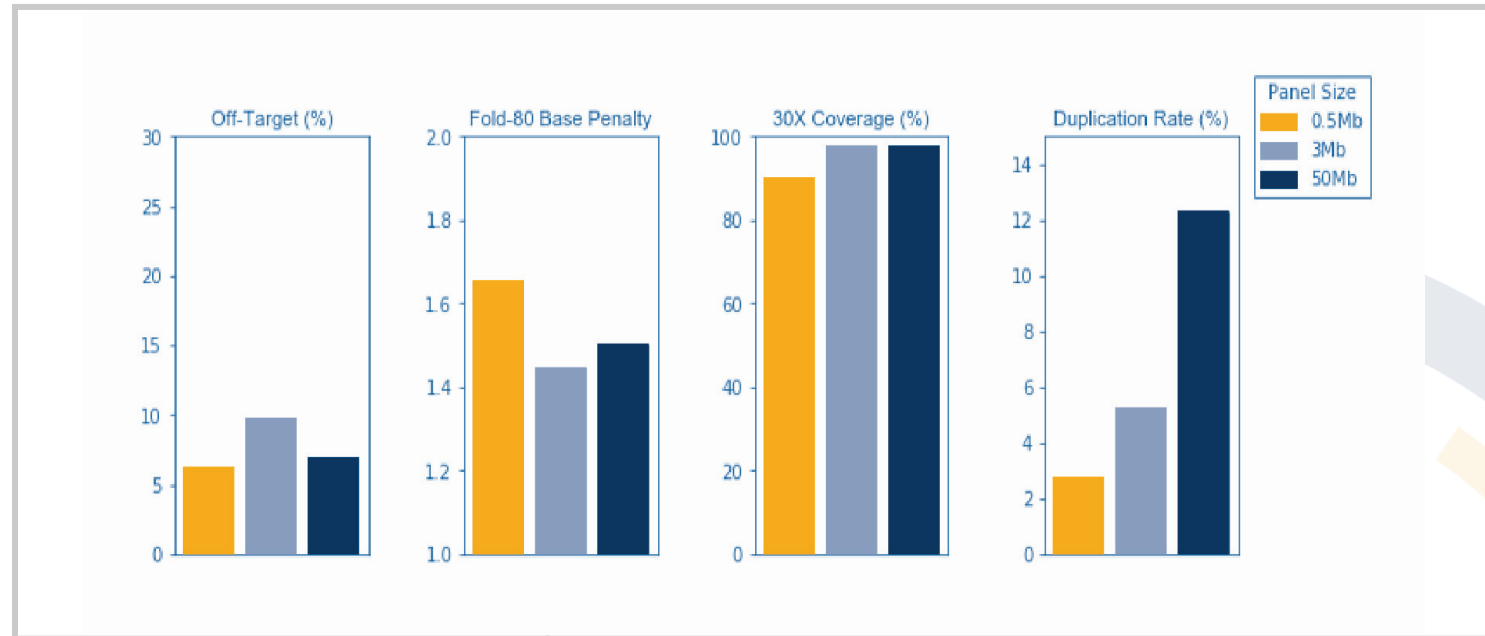
# Methylation sequencing

A decorative graphic in the bottom right corner consists of several overlapping, curved bands in shades of light blue and light orange, creating a sense of depth and movement.

# TWIST Methylation sequencing workflow

## New Solutions for Methylation Sequencing:

- Exceptional Performance
- Unparalleled Uniformity
- Sensitivity
- Rapid panel iteration
- Design Flexibility
- **Panels compatible with bisulfite and enzymatic conversion methods**



Top Performance for a Broad Range of Panel Sizes

# Pre-capture conversion reduces unique molecule bottleneck

Pre-Capture Conversion



Greater library complexity



Lower input amount



Post-Capture Conversion



Less library complexity



Less complicated probe design

# Complex probe design drives high performance enrichment

## Pre-capture conversion

- ✓ Highly complex design algorithm

## Four Probe Species Synthesized

- ✓ Highly complex design algorithm

- ✓ Fully methylated and unmethylated

## Machine learning strategy

- ✓ Imperial data analysis for adaptive design
- ✓ Integrated stringency filtering

