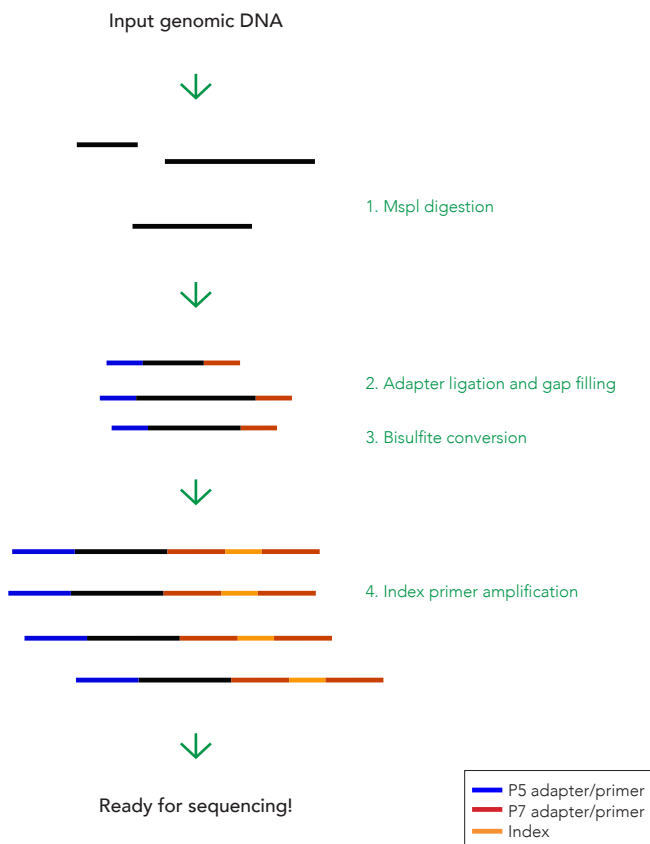


# DNA Methylation Profiling Made Simple

## Zymo-Seq RRBS™ Library Kit

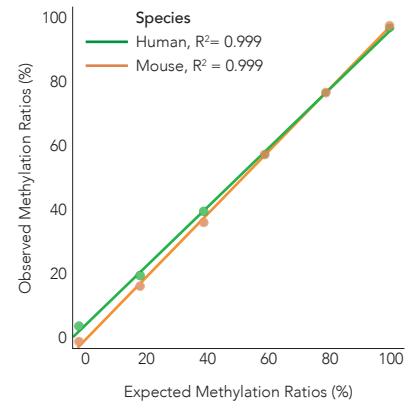
- **Simple workflow:** Prepare Reduced Representation Bisulfite Sequencing (RRBS) libraries in as little as 2 hours of hands-on time.
- **Low input:** The only RRBS kit that produces NGS libraries from  $\geq 10$  ng of genomic DNA.
- **Accurate and reproducible:** Unbiased methylation calling and reproducible CpG coverage.

### Simple Workflow



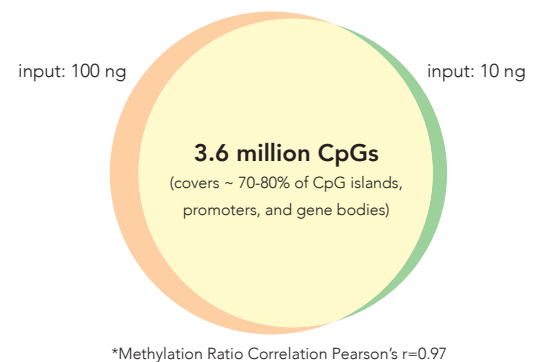
Product	Cat. No.	Size
Zymo-Seq RRBS™ Library Kit	D5460	24 preps
Zymo-Seq RRBS™ Library Kit	D5461	48 preps

## Accurate Methylation Ratios



Libraries were prepared using the Zymo-Seq RRBS™ Library Kit from 100 ng of human or mouse gDNA with known methylation ratios (0%, 20%, 40%, 60%, 80%, 100%). The observed methylation ratios closely matched the expected ratios, demonstrating unbiased results across all samples.

## Reproducible CpG Coverage



Over 3.6 million CpG sites ( $\geq 5X$  read coverage) were sequenced from libraries generated using the Zymo-Seq RRBS™ Library Kit, even when starting with only 10 ng of human genomic DNA. These sites cover a majority of functional regions in the human genome including CpG islands, promoters, and gene bodies.