

Whole Genome Bisulphite Conversion and Sequencing workflow

Un-methylated lambda DNA was added to DNA samples at 0.5% of total DNA concentration prior to bisulphite conversion as a conversion efficiency control. DNA conversion was carried out using the EZ DNA Methylation-Gold Kit following the manufacturer's instructions. Libraries were prepared for next generation sequencing using The Accel-NGS Methyl-seq DNA kit for single indexing following the manufacturer's instructions.

Libraries were pooled together and sequenced across 6 lanes of a 10x HiSeq platform using paired end chemistry for 2x 150 bp cycles.