

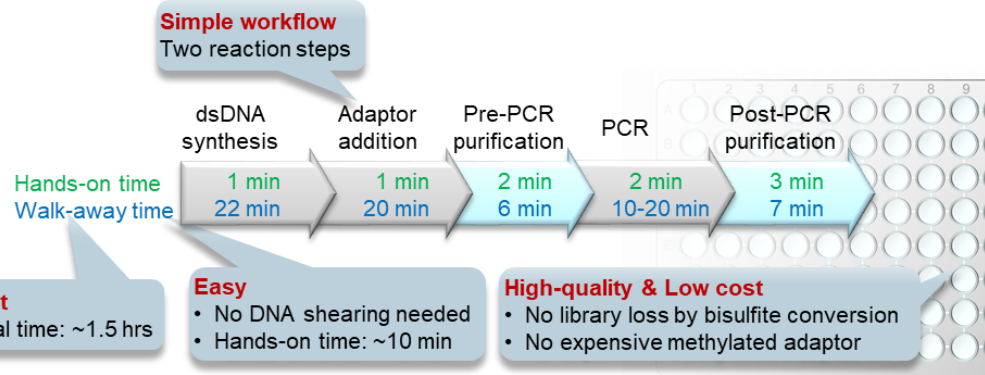
Methylation Specific Bisulfite-Seq (MSBS)

Enrichment of methylated CpG sites

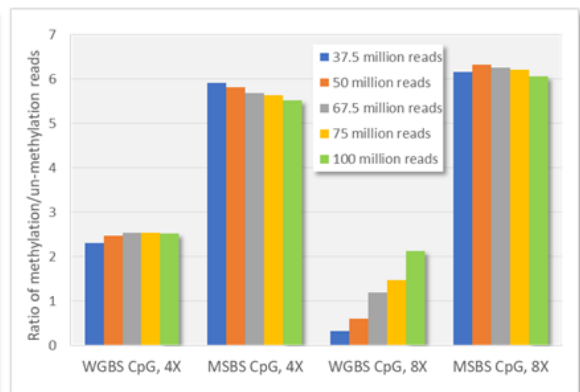
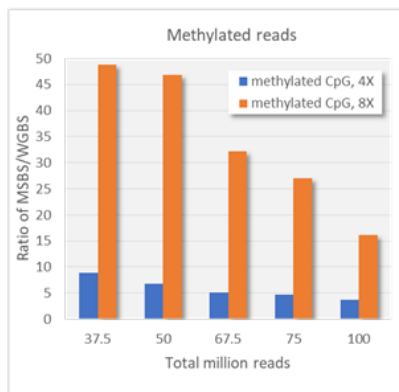
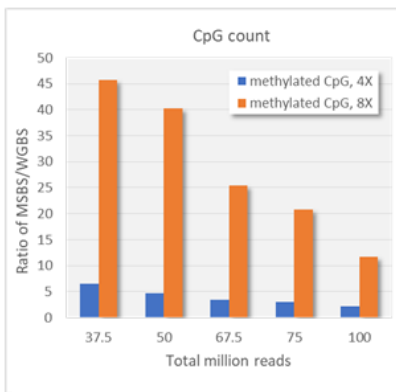
CpG Enrichment

Single Base Resolution

Cost Saving



	MSBS (BioDynami)	WGBS	RRBS	MeDIP-Seq
Technology	Methylation Specific Bisulfite Sequencing	Whole Genome Bisulfite Sequencing	Reduced Representation Bisulfite Sequencing	Methylated DNA Immunoprecipitation Sequencing
Feature	Enrichment of methylated CpG sites	Whole genome is sequenced including non-methylated regions	DNA fragments from restriction enzyme digestion is used	Antibody based methylated cytosine capture
Bisulfite sequencing	Yes	Yes	Yes	No
Single base resolution	Yes	Yes	Yes	No (150-200 bases)
Low cost	Yes	No	Yes	Yes
Whole methylated CpG coverage	Yes	Yes	No (only 10%)	Yes



Web: biodynami.com
 Tel: (256) 872-0805
 Email: support@biodynami.com

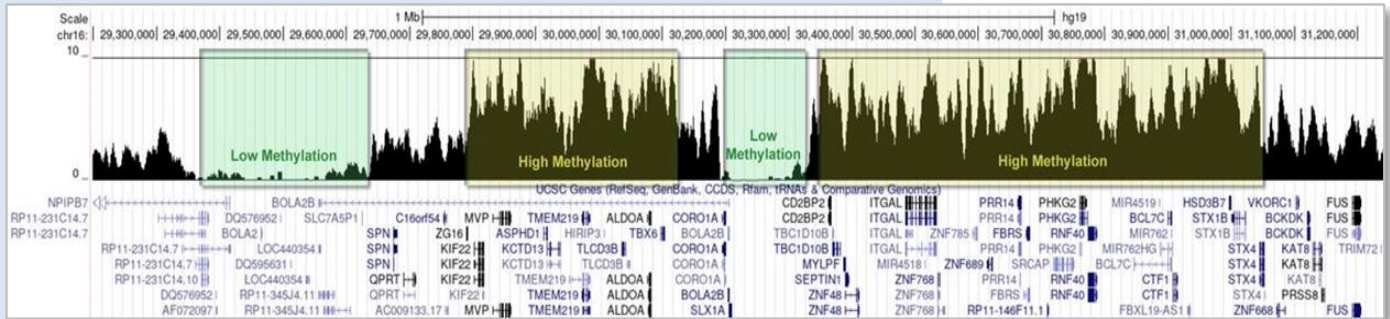
Fast
Simple
Affordable
High-Quality



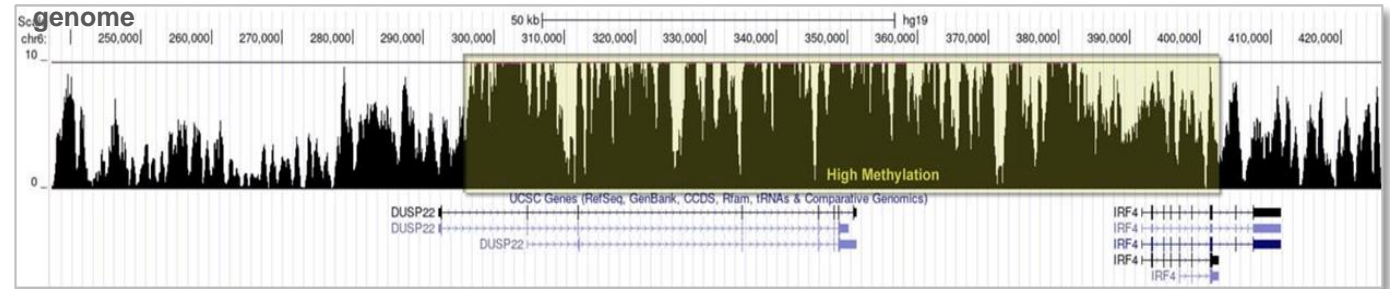
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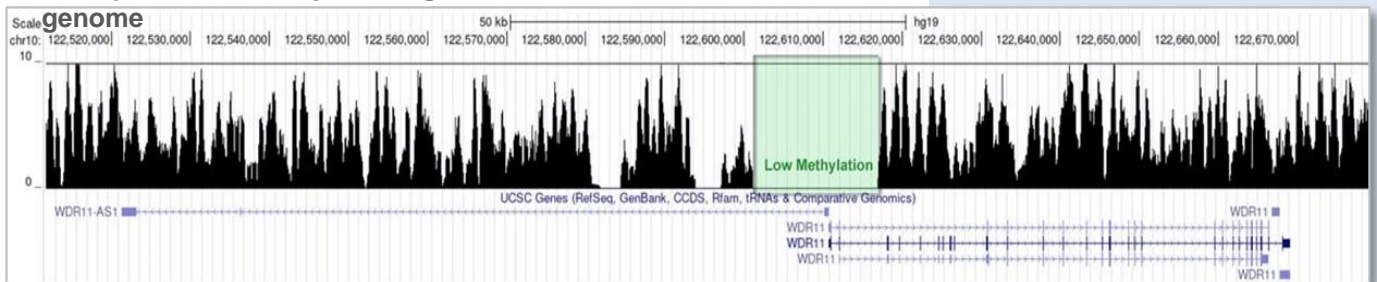
Example 1: High and low methylated regions in human



Example 2: High methylated region in human



Example 3: Low methylated region in human



Product Name	Cat.#
Methylation Specific Bisulfite-Seq Library Prep Kit (with non-index primers)	30101
Methylation Specific Bisulfite-Seq Library Prep Kit (with index primers)	30102
Methylation Specific Bisulfite-Seq Library Prep Kit (with unique dual index primers)	30103

More details at biodynami.com/product/methylation-specific-bisulfite-seq/



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Fast
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