



DNA METHYLATION: WHOLE METHYLOME

CHOOSE YOUR ENTRY POINT: PURIFIED HIGH MW DNA, LIBRARY CONSTRUCTED OR BISULFITE TREATED DNA

DESCRIPTION (ENTRY POINT):

1. Cryopreserved Cells (*DNA is purified from cryopreserved cells supplied by you.*)
2. Purified High Molecular Weight DNA (*Purified DNA is fragmented from the purified high mw DNA you supply.*)
3. Sonicated DNA (*Library is constructed using 5methylC protected adapters from fragmented DNA.*)
4. 5methylC adapted unamplified library (*Insert DNA is bisulfite converted via Zymo Research's EZ DNA Methylation Gold Kit.*)
5. Bisulfite converted Ready to Sequence (RTS) Library (*Library is sequenced on the Next-Gen sequencing Platform selected by you.*)

SAMPLE REQUIREMENTS:

ILLUMINA:

- >3 million mammalian cells
- >6 ug's genomic DNA in TE. (indicate concentration when ordering)
- 6 ug fragmented DNA 150 to 250 bp. Indicate size range when ordering and bioanalyzer trace.
- Illumina TruSeq adapted Total Genome shotgun library
- 10 ul of ready to sequence library @ >2ng/ul in Tris.

SOLID 5500:

- >3 million mammalian cells
- >6 ug's genomic DNA in TE buffer. (indicate concentration when ordering)
- 6 ug fragmented DNA 150 to 250 bp. Indicate size range when ordering and bioanalyzer trace.
- Solid 5500 adapted Total Genome shotgun library
- 10 ul of ready to sequence library @ >2ng/ul in Tris.

SUBMITTING YOUR ORDER:

- Please create an account, or login to your existing account, here: <http://uwhtseq-gs.genesifter.net/Finch>
- Select "Orders" / "Place Order" / then select: "Illumina Whole Methylome" or "Solid 5500 Whole Methylome"

SHIPPING INSTRUCTIONS:

- Submit samples in 1.5mL Lo-Bind tube. (Catalog # 13698794)
- Ship on dry ice, via priority overnight shipping.
- Make sure to clearly label all tubes with customer name, date, concentration, and institution.



SHIP TO:

**HIGH-THROUGHPUT GENOMICS CENTER
WTC EAST, SUITE 600
2211 ELLIOTT AVENUE
SEATTLE, WA 98121**