Exhibit 1

Exhibit 1: Statement of Work & Deliverables

hMeDIP-chip Service

Statement of Work

1. Incoming genomic DNA QC and sheared DNA QC

2. hMeDIP and quality assessment of hMeDIP with positive control

3. Linear amplification by WGA kit

4. Target preparation by labeling with Cy3/5

5. Array hybridization, washing, and scanning

6. Data extraction, analysis and summarization

Deliverables

1. Raw data files derived from the Agilent Feature Extraction software

2. Project summary report

3. Analysis report files in GFF format, unless otherwise noted. These files include:

- Genome annotation file
- Scaled log2-ratio files
- P-value files
- 5hmC enrichment peak files
- Files for annotation of 5hmC peaks in gene promoter in MS Excel format
- Summary of enrichment peak profiles in all samples
- Differential enrichment peak files