

Table S2: Data collection and processing procedures for public DNA methylation datasets in BTECH.

Track Description	Data Resource	Title	Methods	PubMed ID	Analysis Procedures
Brain methylation profile	http://transcriptome.affymetrix.com/download/DataMethPaper/	Microarray-based DNA methylation profiling: technology and applications.	Microarray hybridization	16428248	Download and uplift to the current genome coordinates
Hypomethylated regions in adult normal brain	Publication	Large-scale structure of genomic methylation patterns	Enzyme digestion followed by sequencing	16365381	Kindly provided by Dr. T.H. Bestor's group
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Human epigenome project	http://www.epigenome.org/	DNA methylation profiling of human chromosomes 6, 20 and 22.	Bisulfite DNA sequencing	17072317	Download from the HEP site
GBM_The Cancer Genome Atlas_Methylation	http://www.cancergenome.nih.gov/	The Cancer Genome Atlas	HG-U133A	Available from TCGA	Download from site
Astrocytomas_Hypomethylated_Regions	http://www.ncbi.nlm.nih.gov/geo/query/acc.cgi?acc=GSE19391	CpG island hypermethylation in human astrocytomas	Microarray hybridization	20233874	Download from the GEO site
Astrocytomas_CpG Island	http://www.ncbi.nlm.nih.gov/geo/query/acc.cgi?acc=GSE19391	CpG island hypermethylation in human astrocytomas	Microarray hybridization	20233874	Download from the GEO site

Methylation Associated SNP Clusters (MASCs)	Publication	SNP-based Prediction of the Human Germ Cell Methylation Landscape	Computation analysis	19442638	Extract from publication
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