
Neut
H1
H1BMP4
H1-mesendoderm
H1-NPC
Mesenchymal
IMR90
IMR90 BS 1a
BloodALLL2
BloodALLL1
IMR90
MCF7
ColonCancer
ColonCancer
HCC1954
HepG2
PancreaticCancer1
PancreaticCancer2
PancreaticCancer3
PancreaticCancer4
PancreaticCancer5
PancreaticCancer6
PancreaticCancer7
PancreaticCancer8
PancreaticCancer9
PancreaticCancer10
PancreaticCancer11
Layered H3K27Ac
Layered H3K4Me1
Layered H3K4Me3
DNase Clusters
Txn Factor ChIP
LNG.IMR90
LNG.IMR90
Restr Enzymes
Bos MSC
MSC-AS1
MSC-AS1
4
Mammal Cons
-4
Rhesus
Mouse
Dog
Elephant
Opossum
Chicken
X_tropicalis
Zebrafish
RepeatMasker
Neut_Human_Meth
H1_Human_Meth
H1BMP4_Human_Meth
H1-mesendoderm_Human_Meth
H1-NPC_Human_Meth
Mesenchymal_Human_Meth
IMR90_Human_Meth
IMR90 Cell Line DNA Methylation by Bisulfite-seq Signal from REMC/UCSD (Library:methylC-seq_imr90_r1a)
BloodALLL2_Human_Meth
BloodALLL1_Human_Meth
IMR90_Human_Meth
MCF7_Human_Meth
focal DNA hypermethylation and long-range hypomethylation in colorectal cancer, Berman 2012 : Human_ColonCancer_Meth
Increased methylation variation in epigenetic domains across cancer types. : Human_ColonCancer_Meth
Human Breast Cancer, Hon 2012 : Human_HCC1954_Meth
HepG2_Human_Meth
PancreaticCancer1_Human_Meth
PancreaticCancer2_Human_Meth
PancreaticCancer3_Human_Meth
PancreaticCancer4_Human_Meth
PancreaticCancer5_Human_Meth
PancreaticCancer6_Human_Meth
PancreaticCancer7_Human_Meth
PancreaticCancer8_Human_Meth
PancreaticCancer9_Human_Meth
PancreaticCancer10_Human_Meth
PancreaticCancer11_Human_Meth
H3K27Ac Mark (Often Found Near Active Regulatory Elements) on 7 cell lines from ENCODE
H3K4Me1 Mark (Often Found Near Regulatory Elements) on 7 cell lines from ENCODE
H3K4Me3 Mark (Often Found Near Promoters) on 7 cell lines from ENCODE
DNaseI Hypersensitivity Clusters in 125 cell types from ENCODE (V3)
Transcription Factor ChIP-seq Clusters (161 factors) from ENCODE with Factorbook Motifs
chromHMM tracks from Roadmap
LNG.IMR90
Restriction Enzymes from REBASE
Non-Human RefSeq Genes
MSC-AS1
MSC-AS1
UCSC annotations of RefSeq RNAs (NM_* and NR_*)
CpG Islands (Islands < 300 Bases are Light Green)
Placental Mammal Basewise Conservation by PhyloP
Multiz Alignments of 46 Vertebrates
Repeating Elements by RepeatMasker
Scale
chr9:
72,756,754
72,756,804
72,756,854
72,756,904
72,756,954
72,757,004
100 bases
hg19
UCSC Genes (RefSeq, GenBank, CCDS, Rfam, tRNAs & Comparative Genomics)
LOC100132891
LOC100132891
LOC100132891
lincRNA and TUCP transcripts
C/D and H/ACA Box snoRNAs, scaRNAs, and microRNAs from snoRNABase and miRBase
CTR147 CpG merge methylation level
CTR149 CpG merge methylation level
CTR150 CpG merge methylation level
CTR151 CpG merge methylation level
CTR152 CpG merge methylation level
CTR153 CpG merge methylation level
CTR154 CpG merge methylation level
CTR84 CpG merge methylation level
CTR85 CpG merge methylation level
CTR86 CpG merge methylation level
CTR97 CpG merge methylation level
CTR98 CpG merge methylation level
CTR101 CpG merge methylation level
CTR103 CpG merge methylation level
CTR104 CpG merge methylation level
CTR106 CpG merge methylation level
CTR107 CpG merge methylation level
CTR108 CpG merge methylation level
CTR110 CpG merge methylation level
CTR132 CpG merge methylation level
CTR134 CpG merge methylation level
CTR148 CpG merge methylation level
CTR111 CpG merge methylation level
CTR113 CpG merge methylation level
CTR114 CpG merge methylation level
CTR117 CpG merge methylation level
CTR118 CpG merge methylation level
CTR126 CpG merge methylation level
CTR127 CpG merge methylation level
CTR128 CpG merge methylation level
CTR129 CpG merge methylation level
CTR131 CpG merge methylation level
UCSD Adipose Tissue Bisulfite-Seq Donor STL003 EA Release 9
BI Adult Liver Bisulfite-Seq Donor 3 Library WGBS_Lib 11 EA Release 8
UCSD Aorta Bisulfite-Seq Donor STL003 EA Release 9
UCSD Esophagus Bisulfite-Seq Donor STL003 EA Release 9
BI Fetal Muscle Leg Bisulfite-Seq Donor UW H24996 Library WGBS_Lib 66 EA Release 9
BI Fetal Thymus Bisulfite-Seq Donor UW H24943 Library WGBS_Lib 65 EA Release 9
UCSD Gastric Bisulfite-Seq Donor STL003 EA Release 9
UCSD Left Ventricle Bisulfite-Seq Donor STL001 EA Release 9
UCSD Left Ventricle Bisulfite-Seq Donor STL003 EA Release 9
UCSD Lung Bisulfite-Seq Donor STL002 EA Release 9
UCSD Ovary Bisulfite-Seq Donor STL002 EA Release 9
UCSD Pancreas Bisulfite-Seq Donor STL003 EA Release 9
UCSD Psoas Muscle Bisulfite-Seq Donor STL003 EA Release 9
UCSD Right Atrium Bisulfite-Seq Donor STL003 EA Release 9
UCSD Right Ventricle Bisulfite-Seq Donor STL003 EA Release 9
UCSD Sigmoid Colon Bisulfite-Seq Donor STL001 EA Release 9
UCSD Sigmoid Colon Bisulfite-Seq Donor STL003 EA Release 9
UCSD Small Intestine Bisulfite-Seq Donor STL001 EA Release 9
UCSD Spleen Bisulfite-Seq Donor STL003 EA Release 9
UCSD Thymus Bisulfite-Seq Donor STL001 EA Release 9
DNA methylation in brain tissue (bigWig)
DNA methylation in kidney tissue (bigWig)
DNA methylation in placenta (biological replicate 1) (bigWig)
DNA methylation in placenta (biological replicate 2) (bigWig)
DNA methylation in placenta (biological replicate 3) (bigWig)
Human_Cerebellum_Meth
Human_Kidney_Meth
Human_NKcells_Meth
Human_Sperm_Meth
Human_NormalPancreas1_Meth
Human_NormalPancreas2_Meth
Human_93A_Meth
Human_93N_Meth
Human_Epidermis-old-sun-exposed_Meth
Human_Epidermis-old-sun-protected_Meth
Human_Epidermis-young-sun-exposed_Meth
Human_Epidermis-young-sun-protected_Meth
Human_Buccals_Meth
Human_Sperm_Meth
Human_BloodHealthy_Meth
Distinct Human DNA Methylomes from Different Ages, Heyn 2012 : Human_CD4T-100yr_Meth
Distinct Human DNA Methylomes from Different Ages, Heyn 2012 : Human_CD4T-Newborn_Meth
Distinct Human DNA Methylomes from Different Ages, Heyn 2012 : Human_PBMC_Meth
Changes in Human Hematopoietic Stem Cells, Hodges 2011 : Human_CD133HSC_Meth
Roadmap 2015 : Human_Macrophage_Meth
Roadmap 2015 : Human_NK_Meth
Human_BCell_Meth
Human_CD133HSC_Meth
Human_HSPC_Meth
Cerebellum
Kidney
NKcells
Sperm
NormalPancreas1
NormalPancreas2
93A
93N
Epidermis-old-sun-exp
Epidermis-old-sun-pro
Epidermis-young-sun-
Epidermis-young-sun-
Buccals
Sperm
BloodHealthy
CD4T-100yr
CD4T-Newborn
PBMC
CD133HSC
Macrophage
NK
BCell
CD133HSC
HSPC
LV BS 01
LV BS 03
Lung BS 02
Ovary BS 02
Pancreas BS 03
PM BS 03
RA BS 03
RV BS 03
SC BS 01
SC BS 03
SI BS 01
Spleen BS 03
Thymus BS 01
Brain Methyl 2
Kidney Methyl 2
Placenta1 Methyl 2
Placenta2 Methyl 2
Placenta3 Methyl 2
AT BS 03
AL BS 3 11
Aorta BS 03
Esophagus BS 03
FML BS 96 66
FT BS 43 65
Gastric BS 03