
Scale
chr19:
100 bases
hg19
38,886,200
38,886,250
38,886,300
38,886,350
38,886,400
38,886,450
UCSC Genes (RefSeq, GenBank, CCDS, Rfam, tRNAs & Comparative Genomics)
SPRED3 PLAGAGGLGWGGRGYEDYRRSGPPAPLALSTCVVRFAKTGALRGAALGPPAALPAPLTEAAPPAPPARPPPGPGPSSAPAKASPEAEEAARCVHCRALFRR
SPRED3 PLAGAGGLGWGGRGYEDYRRSGPPAPLALSTCVVRFAKTGALRGAALGPPAALPAPLTEAAPPAPPARPPPGPGPSSAPAKASPEAEEAARCVHCRALFRR
lincRNA and TUCP transcripts
C/D and H/ACA Box snoRNAs, scaRNAs, and microRNAs from snoRNABase and miRBase
CTR147 CTR147 CpG merge methylation level
CTR149 CTR149 CpG merge methylation level
CTR150 CTR150 CpG merge methylation level
CTR151 CTR151 CpG merge methylation level
CTR152 CTR152 CpG merge methylation level
CTR153 CTR153 CpG merge methylation level
CTR154 CTR154 CpG merge methylation level
CTR84 CTR84 CpG merge methylation level
CTR85 CTR85 CpG merge methylation level
CTR86 CTR86 CpG merge methylation level
CTR97 CTR97 CpG merge methylation level
CTR98 CTR98 CpG merge methylation level
CTR101 CTR101 CpG merge methylation level
CTR103 CTR103 CpG merge methylation level
CTR104 CTR104 CpG merge methylation level
CTR106 CTR106 CpG merge methylation level
CTR107 CTR107 CpG merge methylation level
CTR108 CTR108 CpG merge methylation level
CTR110 CTR110 CpG merge methylation level
CTR132 CTR132 CpG merge methylation level
CTR134 CTR134 CpG merge methylation level
CTR148 CTR148 CpG merge methylation level
CTR111 CTR111 CpG merge methylation level
CTR113 CTR113 CpG merge methylation level
CTR114 CTR114 CpG merge methylation level
CTR117 CTR117 CpG merge methylation level
CTR118 CTR118 CpG merge methylation level
CTR126 CTR126 CpG merge methylation level
CTR127 CTR127 CpG merge methylation level
CTR128 CTR128 CpG merge methylation level
CTR129 CTR129 CpG merge methylation level
CTR131 CTR131 CpG merge methylation level
AT BS 03 UCSD Adipose Tissue Bisulfite-Seq Donor STL003 EA Release 9
AL BS 3 11 BI Adult Liver Bisulfite-Seq Donor 3 Library WGBS_Lib 11 EA Release 8
Aorta BS 03 UCSD Aorta Bisulfite-Seq Donor STL003 EA Release 9
Esophagus BS 03 UCSD Esophagus Bisulfite-Seq Donor STL003 EA Release 9
FML BS 96 66 BI Fetal Muscle Leg Bisulfite-Seq Donor UW H24996 Library WGBS_Lib 66 EA Release 9
FT BS 43 65 BI Fetal Thymus Bisulfite-Seq Donor UW H24943 Library WGBS_Lib 65 EA Release 9
Gastric BS 03 UCSD Gastric Bisulfite-Seq Donor STL003 EA Release 9
LV BS 01 UCSD Left Ventricle Bisulfite-Seq Donor STL001 EA Release 9
LV BS 03 UCSD Left Ventricle Bisulfite-Seq Donor STL003 EA Release 9
Lung BS 02 UCSD Lung Bisulfite-Seq Donor STL002 EA Release 9
Ovary BS 02 UCSD Ovary Bisulfite-Seq Donor STL002 EA Release 9
Pancreas BS 03 UCSD Pancreas Bisulfite-Seq Donor STL003 EA Release 9
PM BS 03 UCSD Psoas Muscle Bisulfite-Seq Donor STL003 EA Release 9
RA BS 03 UCSD Right Atrium Bisulfite-Seq Donor STL003 EA Release 9
RV BS 03 UCSD Right Ventricle Bisulfite-Seq Donor STL003 EA Release 9
SC BS 01 UCSD Sigmoid Colon Bisulfite-Seq Donor STL001 EA Release 9
SC BS 03 UCSD Sigmoid Colon Bisulfite-Seq Donor STL003 EA Release 9
SI BS 01 UCSD Small Intestine Bisulfite-Seq Donor STL001 EA Release 9
Spleen BS 03 UCSD Spleen Bisulfite-Seq Donor STL003 EA Release 9
Thymus BS 01 UCSD Thymus Bisulfite-Seq Donor STL001 EA Release 9
Brain Methyl 2 DNA methylation in brain tissue (bigWig)
Kidney Methyl 2 DNA methylation in kidney tissue (bigWig)
Placenta1 Methyl 2 DNA methylation in placenta (biological replicate 1) (bigWig)
Placenta2 Methyl 2 DNA methylation in placenta (biological replicate 2) (bigWig)
Placenta3 Methyl 2 DNA methylation in placenta (biological replicate 3) (bigWig)
Cerebellum Human_Cerebellum_Meth
Kidney Human_Kidney_Meth
NKcells Human_NKcells_Meth
Sperm Human_Sperm_Meth
NormalPancreas1 Human_NormalPancreas1_Meth
NormalPancreas2 Human_NormalPancreas2_Meth
93A Human_93A_Meth
93N Human_93N_Meth
Epidermis-old-sun-ex Human_Epidermis-old-sun-exposed_Meth
Epidermis-old-sun-pr Human_Epidermis-old-sun-protected_Meth
Epidermis-young-sun Human_Epidermis-young-sun-exposed_Meth
Epidermis-young-sun Human_Epidermis-young-sun-protected_Meth
Buccals Human_Buccals_Meth
Sperm Human_Sperm_Meth
BloodHealthy Human_BloodHealthy_Meth
CD4T-100yr Distinct Human DNA Methylomes from Different Ages, Heyn 2012 : Human_CD4T-100yr_Meth
CD4T-Newborn Distinct Human DNA Methylomes from Different Ages, Heyn 2012 : Human_CD4T-Newborn_Meth
PBMC Distinct Human DNA Methylomes from Different Ages, Heyn 2012 : Human_PBMC_Meth
CD133HSC Changes in Human Hematopoietic Stem Cells, Hodges 2011 : Human_CD133HSC_Meth
Macrophage Roadmap 2015 : Human_Macrophage_Meth
NK Roadmap 2015 : Human_NK_Meth
BCell Human_BCell_Meth
CD133HSC Human_CD133HSC_Meth
HSPC Human_HSPC_Meth
Neut Human_Neut_Meth
H1 Human_H1_Meth
H1BMP4 Human_H1BMP4_Meth
H1-mesendoderm Human_H1-mesendoderm_Meth
H1-NPC Human_H1-NPC_Meth
Mesenchymal Human_Mesenchymal_Meth
IMR90 Human_IMR90_Meth
IMR90 BS 1a IMR90 Cell Line DNA Methylation by Bisulfite-seq Signal from REMC/UCSD (Library:methylC-seq_imr90_r1a)
BloodALLL2 Human_BloodALLL2_Meth
BloodALLL1 Human_BloodALLL1_Meth
IMR90 Human_IMR90_Meth
MCF7 Human_MCF7_Meth
ColonCancer focal DNA hypermethylation and long-range hypomethylation in colorectal cancer, Berman 2012 : Human_ColonCancer_Meth
ColonCancer Increased methylation variation in epigenetic domains across cancer types. : Human_ColonCancer_Meth
HCC1954 Human Breast Cancer, Hon 2012 : Human_HCC1954_Meth
HepG2 Human_HepG2_Meth
PancreaticCancer1 Human_PancreaticCancer1_Meth
PancreaticCancer2 Human_PancreaticCancer2_Meth
PancreaticCancer3 Human_PancreaticCancer3_Meth
PancreaticCancer4 Human_PancreaticCancer4_Meth
PancreaticCancer5 Human_PancreaticCancer5_Meth
PancreaticCancer6 Human_PancreaticCancer6_Meth
PancreaticCancer7 Human_PancreaticCancer7_Meth
PancreaticCancer8 Human_PancreaticCancer8_Meth
PancreaticCancer9 Human_PancreaticCancer9_Meth
PancreaticCancer10 Human_PancreaticCancer10_Meth
PancreaticCancer11 Human_PancreaticCancer11_Meth
Layered H3K27Ac H3K27Ac Mark (Often Found Near Active Regulatory Elements) on 7 cell lines from ENCODE
Layered H3K4Me1 H3K4Me1 Mark (Often Found Near Regulatory Elements) on 7 cell lines from ENCODE
Layered H3K4Me3 H3K4Me3 Mark (Often Found Near Promoters) on 7 cell lines from ENCODE
DNase Clusters DNaseI Hypersensitivity Clusters in 125 cell types from ENCODE (V3)
Txn Factor ChIP Transcription Factor ChIP-seq Clusters (161 factors) from ENCODE with Factorbook Motifs
chromHMM tracks from Roadmap
LNG.IMR90
LNG.IMR90
Restr Enzymes Restriction Enzymes from REBASE
Non-Human RefSeq Genes
Rattus Spred3
Mus Spred3
UCSC annotations of RefSeq RNAs (NM_* and NR_*)
SPRED3
SPRED3
CpG Islands (Islands < 300 Bases are Light Green)
CpG: 56
Placental Mammal Basewise Conservation by PhyloP
4 _
Mammal Cons
-4 _
Multiz Alignments of 46 Vertebrates
Rhesus
Mouse
Dog
Elephant
Opossum
Chicken
X_tropicalis
Zebrafish
Repeating Elements by RepeatMasker
RepeatMasker