Scale chr19: ZNF132		58,950,500	58	3,951,00d	58,951,500	(RefSeq, GenBank, CCDS, Rfam, tRNAs & Com	hg19 58,953,00d parative Genomics)	58,953,50d 58,954,00d
CTR147 CTR149				C/D		lincRNA and TUCP transcripts ox snoRNAs, scaRNAs, and microRNAs from sno CTR147 CPG merge methylation level	RNABase and miRBase	
CTR150					. 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	CTR150 CpG merge methylation level CTR151 CpG merge methylation level I I I I CTR152 CpG merge methylation level	1 1 1	1 1 1 1 1 1 1 1 1 1
CTR152 CTR153 CTR154					i	CTR153 CpG merge methylation level	1 1 1 1	
CTR84				1 1 11 1 1 1 16 16 16 16	• f	CTR84 CpG merge methylation level CTR85 CpG merge methylation level CTR85 CpG merge methylation level		
CTR86 CTR97 CTR98	1111			1 Lii 1 1	1 1 1	CTR86 CpG merge methylation level CTR97 CpG merge methylation level CTR98 CpG merge methylation level	1 111	
CTR101	1 111			1	11	CTR103 CpG merge methylation level		
CTR104 CTR106 CTR107	11					CTR104 CpG merge methylation level		
CTR108	11		l	1. 1 1.		CTR108 CpG merge methylation level		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
CTR132 CTR134 CTR148				hi	i	CTR132 CpG merge methylation level CTR134 CpG merge methylation level CTR148 CpG merge methylation level	1	11
CTR111	1	1	Ì		I	CTR111 CpG merge methylation level	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
CTR114 CTR117 CTR118				1 1	1. . 1 k.	CTR114 CpG merge methylation level	i i	1111 1
CTR118 CTR126 CTR127				h i I. I 1	 	CTR126 CpG merge methylation level	1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
CTR128 CTR129 CTR131					. 1	CTR128 CpG merge methylation level	1 1	1111
AT BS 03 AL BS 3 11					Bl Adult	D Adipose Tissue Bisulfite-Seq Donor STL003 EA		
Aorta BS 03 Esophagus BS 03	:			1 1 1 1 1 1 1 1 1 1	/li k	UCSD Aorta Bisulfite-Seq Donor STL003 EA Rela		
FML BS 96 66 FT BS 43 65	., , , , , , , , , , , , , , , , , , , 			BI	Fetal Muscle L	eg Bisulfite-Seq Donor UW H24996 Library WGB	_Lib 65 EA Release 9	
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LV BS 03 Lung BS 02	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				e at e	SD Left Ventricle Bisulfite-Seq Donor STL003 EA	ease 9	
Ovary BS 02 Pancreas BS 03	., , , , , , , , , , , , , , , , , , , 				U	UCSD Ovary Bisulfite-Seq Donor STL002 EA Rel	elease 9	
PM BS 03					/ UC	SD Psoas Muscle Bisulfite-Seq Donor STL003 EA SD Right Atrium Bisulfite-Seq Donor STL003 EA D Right Ventricle Bisulfite-Seq Donor STL003 EA	Release 9	
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Brain Methyl 2 Kidney Methyl 2 Placenta1 Methyl 2	1 1111		1		<u>.</u> .	DNA methylation in kidney tissue (bigWig)	(bigWig)	
Placenta1 Methyl 2 Placenta2 Methyl 2 Placenta3 Methyl 2				T	l	NA methylation in placenta (biological replicate 2)	(bigWig)	
Cerebellum Kidney					1	Human_Cerebellum_Meth Human_Kidney_Meth		
NKcells Sperm NormalPancreas1					1 11 11 11 11	Human_NKcells_Meth Human_Sperm_Meth Human_NormalPancreas1_Meth		
NormalPancreas1 NormalPancreas2 93A						Human_NormalPancreas2_Meth Human_93A_Meth		
93N Epidermis-old-sun-ex						Human_93N_Meth Human_Epidermis-old-sun-exposed_Meth		
Epidermis-old-sun-pro Epidermis-young-sun Epidermis-young-sun					10 10 10 10 10 10 10 10 10 10 10 10 10 1	Human_Epidermis-young-sun-protected_Met		
Buccals Sperm BloodHealthy					hu vii kii la	Human_Buccals_Meth Human_Sperm_Meth Human_BloodHealthy_Meth		
BloodHealthy CD4T-100yr CD4T-Newborn				Distinc	t Human DNA	A Methylomes from Different Ages, Heyn 2012: H	man_CD4T-Newborn_Meth	
PBMC CD133HSC Macrophage				1 1 1 1.1	li sli s	DNA Methylomes from Different Ages, Heyn 2012 an Hematopoietic Stem Cells, Hodges 2011 : Hur Roadmap 2015 : Human_Macrophage_Methylogen	nan_CD133HSC_Meth	
Macrophage NK BCell						Roadmap 2015 : Human_NK_Meth Human_BCell_Meth		
CD133HSC HSPC						Human_CD133HSC_Meth Human_HSPC_Meth Human_Neut_Meth		
H1 H1BMP4						Human_H1_Meth Human_H1BMP4_Meth		
H1-mesendoderm H1-NPC Mesenchymal					4 4 4 4 4 4 4 4 4 4	Human_H1-mesendoderm_Meth Human_H1-NPC_Meth Human_Mesenchymal_Meth		
Mesenchymal IMR90 IMR90 BS 1a				1 1 1 1 1	ine DNA Meth	Human_IMR90_Meth ylation by Bisulfite-seq Signal from REMC/UCSD	(Library:methylC-seq_imr90_	rta)
BloodALLL1	, , , , , , , , , , , , , , , , , , , 				1 N	Human_BloodALL12_Meth Human_BloodALL1_Meth Human_MR90_Meth		
IMR90 MCF7 ColonCancer			foca	al DNA hypermeth		Human_IMR90_Meth	orman 2012 : Human _Colon(Cancer_Meth
ColonCancer HCC1954					methylation va	It is the life of		th
HepG2 PancreaticCancer1 PancreaticCancer2			1			Human_PancreaticCancer1_Meth Human_PancreaticCancer2_Meth		
PancreaticCancer3 PancreaticCancer4						Human_PancreaticCancer3_Meth		
PancreaticCancer5 PancreaticCancer6 PancreaticCancer7						Human_PancreaticCancer5_Meth Human_PancreaticCancer6_Meth Human_PancreaticCancer7_Meth	1	1111
PancreaticCancer8 PancreaticCancer9				<u> </u>		Human_PancreaticCancer9_Meth Human_PancreaticCancer9_Meth		
PancreaticCancer10 PancreaticCancer11 Layered H3K27Ac				Нзк	27Ac Mark (Of	Human_PancreaticCancer10_Meth duff	cell lines from ENCODE	
Layered H3K2/Ac Layered H3K4Me1 Layered H3K4Me3	+ + +				3K4Me1 Mark	(Often Found Near Regulatory Elements) on 7 ce Mark (Often Found Near Promoters) on 7 cell line	II lines from ENCODE	
DNase Clusters Txn Factor ChIP				Tra		I Hypersensitivity Clusters in 125 cell types from E tor ChIP-seq Clusters (161 factors) from ENCODE chromHMM tracks from Roadmap		
LNG.IMR90 LNG.IMR90 Restr Enzymes						chromHMM tracks from Roadmap Restriction Enzymes from REBASE Non-Human RefSeq Genes		
Dpus LOC100135213 Danio zgc:112998 Xenopus znf71.L Danio znf1014 Mus Zfp954 Ros ZNE383	************	>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	******** ********	>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	**************************************	>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	**************************************
Bos ZNF383 Xenopus znf208.L Danio zgc:113518 ZNF132	>>>>>>	· · · · · · · · · · · · · · · · · · ·	*****	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	· · · · · · · · · · · · · · · · · · ·	UCSC annotations of RefSeq RNAs (NM_* and I		
4 _ Mammal Cons -4 _				CpG: 8		Placental Mammal Basewise Conservation by Pl		hiphe shire shire to the same of the same
Rhesus Mouse Dog Elephant Opossum Chicken						40 Veriebrates		
Chicken X_tropicalis Zebrafish						Repeating Elements by RepeatMasker		