Scale chr3: LHFPL4	DTFS	9,594,7 GRCTLEF		SGVCY	9,594 HFLGFY(	UCSC Genes (Re	9,594,250 efSeq, GenBank, CCDS, YPQI FVVVN I I A	FCITFIAWLV	,300 omparative Ger	nomics)	594,350 SAEQSPLN	И	9,594,40	d
CTR147			-				lincRNA and TU snoRNAs, scaRNAs, and CTR147 CpG merg CTR149 CpG merg	JCP transcripts I microRNAs from si ge methylation level	noRNABase a		-		++++	
CTR150	- -	<u>-</u> -	- <b>-</b> -	 	-	=	CTR150 CpG mero	l     '		<b>-</b>	<u>-</u>		<b>=</b> - -	<b>-</b>   <b>-</b>
CTR152	- -	 		- <b>-</b>	-	 	CTR152 CpG merg	<u> </u>		-	-	 	<b>=</b>	- <b>-</b> -
CTR154	- -			 	-	- <b>-</b>		ge methylation level		=	-	- - <b>=</b>	 _1•••	
CTR84	<b>-</b>			 	-		CTR85 CpG merg	e methylation level		-	-		<b></b>	<b>- -</b> -
CTR86		<b>I</b> _	- <b>- •</b>	<b>.</b> .	- -	<b>-</b> -	CTR86 CpG merg	e methylation level	••	-	-	 - =	<b>8.8.</b>	• • • • • • • • • • • • • • • • • • •
CTR98 CTR101	=			_ <b>=</b>	-		CTR98 CpG merg	.     [         <u> </u>	.B _ •	_	_		<b>-</b>	
CTR103 CTR104				_ ■	_		CTR103 CpG merg			_	_			
CTR106 CTR107	-				-		CTR106 CpG merc	<u> </u>						
CTR108	=	- - -	•	- - <b>B</b>	_		CTR108 CpG merg			-	•	- <b>-</b>	<b>-</b>	
CTR132 CTR134	_				-	-	CTR132 CpG merg		_	_	<del>-</del>		_=_==	
CTR148							CTR148 CpG merg			_	_			<b>I</b>
CTR113	• •		• <u>-</u> 		-	<b>I</b> =	CTR113 CpG mero		_	_	- -			<b>-</b>
CTR117	_	 	 <b>I</b>	 1 <u>-</u>	-		CTR117 CpG merg	ge methylation level			-			
CTR126	-	-		<b>-  -</b>	-		CTR126 CpG merc			-	-		- ■	-
CTR127 CTR128					_		CTR128 CpG mero	ge methylation level		_	<u>-</u>	_	_=_==	<b>-</b>
CTR129 CTR131		_			_		CTR131 CpG merg	e methylation level			_			
AT BS 03 AL BS 3 11			• • .	_  -			dipose Tissue Bisulfite-S  er Bisulfite-Seq Donor 3			€ 8				
Aorta BS 03	-	•   -	•   <b>-</b>     •	-     -			SD Aorta Bisulfite-Seq D Esophagus Bisulfite-Se						-1-0-	
Esophagus BS 03 FML BS 96 66	•					BI Fetal Muscle Leg	Bisulfite-Seq Donor UW	H24996 Library WG	GBS_Lib 66 EA					
FT BS 43 65  Gastric BS 03		-     -	-   <del>-</del>     <b>!</b> -   <del>-</del>     -	- -     -			sulfite-Seq Donor UW H			Release 9				
Gastric BS 03 LV BS 01			• • •			UCSDI	_eft Ventricle Bisulfite-Se	eq Donor STL001 E.	A Release 9				++	
LV BS 03 Lung BS 02			-	-    -			Left Ventricle Bisulfite-Se						+	
Ovary BS 02	-		-	-			SD Ovary Bisulfite-Seq D		la e r					
Pancreas BS 03 PM BS 03			<u>.</u>	-  -			D Pancreas Bisulfite-Seq							_
RA BS 03 RV BS 03			• •   -   - -   -   -	-     -    -    -			Right Atrium Bisulfite-Se						++++ <b>=</b>	
RV BS 03 SC BS 01			-   -     •			UCSD S	igmoid Colon Bisulfite-S	eq Donor STL001 E	EA Release 9					
SC BS 03 SI BS 01	_		•		-		igmoid Colon Bisulfite-S			•	-			
Spleen BS 03	-		•	-			D Spleen Bisulfite-Seq I							
Thymus BS 01 Brain Methyl 2	-	<b>-</b> _	- <b>-</b> •		_	= <b>-</b>	DNA methylation in I			-	-		-8	•
Kidney Methyl 2						- DNA i	DNA methylation in k _ methylation in placenta (							
Placenta1 Methyl 2 Placenta2 Methyl 2						DNA i	methylation in placenta (l	biological replicate 2	2) (bigWig)					_
Placenta3 Methyl 2  Cerebellum	-					DNA 1	methylation in placenta (l	biological replicate 3	3) (bigWig)					
Kidney -							Human_Ki Human_NK							
Sperm		-					Human_Sp							
NormalPancreas2					+		Human_NormalF	Pancreas2_Meth	<u> </u>	-				
93N -		-					Human_9	)3N_Meth	th					
Epidermis-old-sun-ex  Epidermis-old-sun-pro							Human_Epidermis-old	d-sun-protected_Me	eth .					
Epidermis-young-sun-		-		-			Human_Epidermis-you	ng-sun-protected_M						
Buccals Sperm							Human_Bu	perm_Meth						
BloodHealthy - CD4T-100yr			<del></del>				Human_Blood ethylomes from Differen	t Ages, Heyn 2012 :				-		
CD4T-Newborn PBMC					Dis	Distinct Human DNA	hylomes from Different A	Ages, Heyn 2012 : Frent Ages, Heyn 201	Human_CD4T- 12 : Human_Pl	BMC_Meth	h i			
CD133HSC  Macrophage						Changes in Human I	Hematopoietic Stem Cell			HSC_Meth				
NK - BCell		-					Roadmap 2015 : Human_B	Cell_Meth						
CD133HSC HSPC			-				Human_CD1	33HSC_Meth		•				
Neut =		-					Human_N		•		<u> </u>		-	
H1BMP4			-				Human_H1	BMP4_Meth						
H1-mesendoderm - H1-NPC							Human_H1-mes  Human_H1  Human_Mesel	-NPC_Meth	<del></del>					
Mesenchymal - IMR90 -	-			<u> </u>	II and a	all Line Days	Human_IM	IR90_Meth	SD (1 15-	thyle ::	0 140			
IMR90 BS 1a BloodALLL2			-   -     -		iMR90 C	ਦ॥ ∟ine DNA Methylat	ion by Bisulfite-seq Sign		(Library:met	anyiC-seq_imr9	0_r1a) ■			
BloodALLL1  IMR90		-					Human_Blood							
MCF7 ColonCancer				focal	DNA hyperi	methylation and long-r	Human_M ange hypomethylation ir		Berman 2012	: Human_Colo	nCancer_Meth		1111	1 11
ColonCancer  HCC1954					Increas		ion in epigenetic domain			ColonCancer_N	Meth	11		
HepG2 PancreaticCancer1		-					Human_He	epG2_Meth	<u> </u>			11	11111 11111	1 11
PancreaticCancer2	1				-		Human_Pancrea Human_Pancrea	ticCancer2_Meth						
PancreaticCancer3 PancreaticCancer4							Human_Pancrea	ticCancer4_Meth	1 -1 1					
PancreaticCancer5 PancreaticCancer6		1 1					Human_Pancrea	ticCancer6_Meth						
PancreaticCancer8							Human_Pancrea Human_Pancrea	ticCancer8_Meth						
PancreaticCancer9 PancreaticCancer10							Human_Pancreat							
PancreaticCancer11  Layered H3K27Ac					ŀ	H3K27Ac Mark (Often	Human_Pancreat  Found Near Active Regu		n 7 cell lines fr	om ENCODE				
Layered H3K4Me1							ten Found Near Regulat							
Layered H3K4Me3 = DNase Clusters						DNasel Hy	persensitivity Clusters in	125 cell types from	n ENCODE (V3	3)				
Txn Factor ChIP  LNG.IMR90						Transcription Factor (	chromHMM track		DE with Factor	rbook Motifs				
LNG.IMR90 Restr Enzymes Mus Lhfpl4							Restriction Enzym					**************************************		<del></del>
Bos LHFPL4 Xenopus tada3.S - Macaca LHFPL4 Rattus Lhfpl4			· · · · · ·	<del>&lt;                                    </del>	<del>{{</del> { <del> </del>		****	<u> </u>	******	<del>                                      </del>		<	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
	<<<<	:		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	UC	SC annotations of RefS	eq RNAs (NM_* and	d NR_*)					
CpG: 23 4 _ Mammal Cons	اربھ	4.8.6.4	للاءنا				pG Islands (Islands < 30							
-4 _							Multiz Alignments	of 46 Vertebrates						
Rhesus Mouse														