

Supplementary table 3: Diffbind result table

genes nearest to human diffbind bins	human nearest genes closer than 10k	
n = 115	n = 68	
APOBEC3H	APOBEC3H	
ARHGAP26-IT1	ARHGAP26-IT1	
B4GALT6	B4GALT6	
BATF	C12orf57	
BPTF	CASC11	
BUB3	CASC21	
C12orf57	CDH1	
C5orf67	CDKN1A	
CASC11	CHD2	
CASC21	CLINT1	
CCND2-AS1	DPP9	
CD27	DPYSL2	
CD70	EGF	
CDH1	GPR132	
CDKN1A	H1-5	
CHD2	H2AC11	
CLINT1	H2BC11	
CRB2	H2BC14	
CST7	H2AC17	
DHX37	H4C13	
DPP9	H2BC17	
DPYSL2	H4C9	
EEF2K	HIVEP1	
EGF	IL21R-AS1	
EGR3	IPCEF1	
ETV6	KRT19P2	
FOXN3-AS1	LHFPL3-AS2	
GNG7	LINC-ROR	
GPR132	LINC00462	
H1-5	LINC01138	
H2AC11	LINC01599	
H2AC17	LINC02205	
H2AC11	LINC02397	
H2BC11	LINC02427	
H2BC14	MED26	
H2AC17	METTL23	
H2BC17	MIR155	
H4C13	MIR3142HG	
H4C9	MIR378I	

HIVEP1	MIR4493	
IL21R-AS1	MOB3A	
IPCEF1	NARF	
KREMEN1	NFAT5	
KRT19P2	NFKBIA	
LHFPL3-AS2	PCAT2	
LINC-ROR	PLAGL1	
LINC00114	PLEKHA2	
LINC00158	POLR2A	
LINC00462	PPCDC	
LINC00910	RAB8A	
LINC01138	RGS3	
LINC01232	RNASE11	
LINC01599	RNF19A	
LINC02205	RNU12	
LINC02265	RNU5A-1	
LINC02341	RNU5B-1	
LINC02397	SHF	
LINC02427	SMAD3	
LINC02649	SMC3	
LOC101928429	SNORD13	
LOC105371855	SORL1	
LYN	TMSB4X	
MBNL1	TPCN1	
MED26	TRAJ10	
MEF2A	USP20	
METTL23	USP7	
MIR155	ZBTB38	
MIR3142HG	ZNF608	
MIR378I		
MIR4453		
MIR4493		
MOB3A		
MYCBP2		
MYLIP		
NARF		
NFAT5		
NFKBIA		
NUFIP1		
PACSIN2		
PCAT2		
PLAGL1		
PLEKHA2		

POLR2A		
PPCDC		
PREX1		
RAB8A		
RGS3		
RNASE11		
RNF19A		
RNLS		
RNU12		
RNU5A-1		
RNU5B-1		
SFMBT2		
SHF		
SIPA1L1		
SMAD3		
SMC3		
SMNDC1		
SNORD13		
SNX9		
SORL1		
SPAG16-DT		
SUSD1		
TEX48		
TMSB4X		
TPCN1		
TRAJ10		
TRPS1		
UBAC2		
USP20		
USP7		
WNT11		
ZBTB38		
ZNF608		