

Table EV1

## ENCODE CEBPB ChIP-Seq data

Genes (lipogenesis)	Position	Cell line	rel. to start site	Associated with H3K27Ac
<b>GLUT4 (SLC2A4)</b>	chr17:7183906-7184169	HeLa-S3	- 885	yes
	chr17:7186273-7186531	HepG2	+1477	yes
<b>GLUT2 (SLC2A2 )</b>	chr3:170746760-170747015	HeLa-S3, IMR90	-2247	yes
<b>CD36</b>	chr7:80014931-80015155	HepG2	+12602	yes
	chr7:79991317-79991580	HeLa-S3	-7574	no
	chr7:79986923-79987186	HeLa-S3, HepG2, IMR90	-11968	no
	chr7:79976114-79976369	HeLa-S3, IMR90	-22777	yes
<b>LPL</b>	chr8:19794465-19794728	HeLa-S3	-2117	yes
	chr8:19785505-19785785	H1-hESC, HeLa-S3, HepG2, IMR90, K562	-11077	no
	chr8:19795186-19795453	A549, HeLa-S3, HepG2	-1396	no
	chr8:19798729-19798992	HeLa-S3	+2147	no
<b>SREBF1 (SREBP1c)</b>	chr17:17744565-17744828	HeLa-S3	-4240	yes
	chr17:17740616-17741053	A549, H1-hESC, HepG2, HeLa-S3, IMR90, K562	-291	yes
<b>ACACA (ACC)</b>	chr17:35715358-35715621	HeLa-S3	-701	yes
<b>FASN</b>	chr17:80059893-80060157	HeLa-S3, HepG2	-3787	no
	chr17:80050128-80050403	K562	+5878	no
<b>SCD</b>	chr10:102105322-102105585	HeLa-S3	-1450	yes
	chr10:102108367-102108642	HeLa-S3, HepG2, IMR90, K562	+1595	yes
<b>FABP4 (aP2)</b>	chr8:82401083-82401338	IMR90	-5610	yes
<b>LIPE (HSL)</b>	chr19:42924218-42924473	A549	+4057	yes
<b>PNPLA2 (ATGL)</b>	chr11:818737-819012	A549, HeLa-S3, HepG2, IMR90, K562	-164	yes
Genes ( $\beta$ -oxidation)	Position	Cell line	rel. to start site	Associated with H3K27Ac

<b>CD36</b>	chr7:79927573-79927838	HeLa-S3, IMR90	-71318	no
	chr7:79941534-79941789	IMR90	-57357	yes
	chr7:79959858-79960113	IMR90	-39033	yes
	chr7:80014931-80015155	HepG2	+16040	yes
<b>ACOX1 (AOX)</b>	chr17:73979818-73980171	K562	-4303	yes
	chr17:73971975-73972198	HepG2	+3540	yes
	chr17:73972329-73972604	K562, HepG2	+3186	yes
	chr17:73976232-73976555	K562	-717	yes
<b>ACADL (LCAD)</b>	chr2:211086353-211086647	H1-hESC, HeLa-S3, HepG2, IMR90	+3862	no
	chr2:211091087-211091350	HeLa-S3	-872	no
	chr2:211092494-211092742	HepG2	-2279	no
<b>ACADM (MCAD)</b>	chr1:76191055-76191318	HeLa-S3	+1012	yes
<b>ACADS (SCAD)</b>	chr12:121165682-121165913	HepG2	+2111	no
	chr12:121160658-121160933	A549, HepG2, IMR90, K562	-2913	no
<b>ACOX1 (AOX)</b>	chr17:73979818-73980171	K562	-4656	yes
	chr17:73971975-73972198	HepG2	+3317	yes
	chr17:73972329-73972604	HepG2, K562	+2911	yes
	chr17:73976232-73976555	K562	-1040	yes
<b>ACADL (LCAD)</b>	chr2:211086353-211086647	H1-hESC, HeLa-S3, HepG2, IMR90	+3568	no
	chr2:211091087-211091350	HeLa-S3	-1135	no
	chr2:211092494-211092742	HepG2	-2527	yes
<b>ACADM (MCAD)</b>	chr1:76191055-76191318	HeLa-S3	+1275	yes
<b>ACADS (SCAD)</b>	chr12:121165682-121165913	HepG2	+2111	no

Data are derived from <http://genome.ucsc.edu/ENCODE/>