

STable 2. SNP: rs113988120 and variants with $r^2 \geq 0.4$

Variant	position (hg38)	LD (r^2)	LD (D')	EUR frequency	Enhancer histone marks	DNase	Motifs changed	Selected eQTL hits	GENCODE genes
rs34634781	71088558	0.49	0.77	0.01				1 hit	8.8kb 3' c
rs35098046	71106318	0.49	0.77	0.01			BCL ERalpha-a,	1 hit	3.4kb 3' c
rs34022557	71111716	0.49	0.77	0.01	LIV		NRSF	1 hit	MCEE
rs113988120	71220545	1	1	0.01	BLD		5 altered motifs		PAIP2B
rs112493246	71459496	0.9	1	0.01	10 tissues	PLCNT	7 altered motifs		DYSF
rs138529893	71461486	0.9	1	0.01	14 tissues	IPSC	Myf		DYSF