

Supplementary Table S1. Probe and primer sequences used

EMSA probes

Name	Coordinates chr6	Forward oligo (5' to 3')	Reverse oligo (5' to 3')
LTB1	31656507-31656546	agctGAAGTCCACCATATCGGGGTG ACTGATGTTGACGTACACC	agctGGTGTACGTCAACATCAGTCACC CCGATATGGTGGACTTC
YYI	31656507-31656527	agctGAAGTCCACCATATCGGGGTG	agctCACCCCGATATGGTGGACTTC
CREB	31656528-31656546	agctACTGATGTTGACGTACACC	agctGGTGTACGTCAACATCAGT
CTCF _LTB	31656728-31656791	agctTGACCGAGCGGCCCTGGGGGT CCCCGCCGCCAGGGGGCGCCCGG CCCCGGTAGCCGACGAGACA	agctTGTCTCGTCGGCTACCGGGGCC GGCGCCCCCTGGCGGCGGGGACC CCCAGGGCCGCTCGGTCA

Footprinting probes

Probe	Forward oligo (5' to 3')	Reverse oligo (5' to 3')
chr6:31656372-31656725	CAAACAGTCTCCTACATTTTTTC	CTGCGCAGCTCTCTGTACC
chr6:31656634-31656999	AGCACTGGAGTCACCGTCTC	GCTAAAAGCCGCACTTCC
chr6:31656946-31657330	TTGGGAATGCGATCCTAAG	GCTGCCACCTCATAGGTAA

3C

	Primer coordinates chr6	Sequence (5' to 3')
Constant for primer	31656878	TCGTCGTCTCCCAGCCTA
TaqMan probe	31656954	CATTCCCAAGAGCGCGTCCG
21496 rev	31621519	TCTAAGGGGAAAGGGGACTG
26092 rev	31626124	CTTGAGCTGGGGGATGTTAG
33890 rev	31633950	CTGCTCCTCCTCCTGCTGT
39106 rev	31639133	TTCATTGAGCTTAAGGCCATC
43924 rev	31643967	ATGCTGGGCATTGTCCTAAG
45956 rev	31646016	CCCCTTTGCCTTTTATGCTT
47473 rev	31647505	TGTTTGCCTCTTGTCCAGGT
48383 rev	31648439	CGGCGGAAGACAGACCTC
49971 rev	31650011	AGCTGGCTTTCAGAGCCTTT
51666 rev	31651690	CACTCACCTCTTCCCTCTGG
53558 rev	31653588	GCTCCCTGGTCTCCAGATTC
57352 rev	31657386	GGTTTCAGAAGCTGCCAGAG
58571 rev	31658601	GTCCTAGTCCGGCCCTTG
61824 rev	31661856	GCCATAATCTGCCTCAGCTC
64797 rev	31664825	TGAGCCTGATTGTCCTGAGA
68506 rev	31668535	CTCCTCCACCCAGACCTCAC