

Additional file 2

(a)	Oligonucleotides for EMSA probe and competition experiments	
EMSA Probes and competitors	Sequence 5' to 3' direction	Design of EMSA Probes and competitors based on
VSTM1_C Probe	Forward – 5'-ACACCGGATTCA <u>C</u> GGGGAAGAAGTT-3'	C allele of rs612529
	Reverse – 5'-AACTTCTTCCCC <u>C</u> TGAATCCGGTGT-3'	
VSTM1_T Probe	Forward – 5'-ACACCGGATTCA <u>T</u> GGGGAAGAAGTT-3'	T allele of rs612529
	Reverse – 5'-AACTTCTTCCCC <u>A</u> TGAATCCGGTGT-3'	
YY1_Consensus	Forward – 5'-CGCTCCCCG <u>GCC</u> ATCTTGGCGGCTGGT-3'	Santa Cruz Biotech. (Cat. Nr. - SC-2533)
	Reverse – 5'-ACCAGCCGCCAAGAT <u>GCC</u> CGGGGAGCG-3'	
YY1_Mutant	Forward – 5'-CGCTCCCCGATTATCTTGGCGGCTGGT-3'	Santa Cruz Biotech. (Cat. Nr. - SC-2534)
	Reverse – 5'-ACCAGCCGCCAAGATAATCGGGGAGCG-3'	
MZF1_Consensus 1	Forward – 5'-GATCTAAAA <u>GTGGGG</u> AGAAAA-3'	TRANSFAC prediction
	Reverse – 5'-TTTTCT <u>CCCCAC</u> TTTTAGATC-3'	
MZF1_Mutant 1	Forward – 5'-GATCTAAAA <u>GTTTTT</u> AGAAAA-3'	TRANSFAC prediction
	Reverse – 5'-TTTTCT <u>AAAAAC</u> TTTTAGATC-3'	
MZF1_Consensus 2	Forward – 5'-GATCCGGCTGGTGAG <u>GGGGG</u> AATCG-3'	TRANSFAC prediction
	Reverse – 5'-CGATT <u>CCCCC</u> TCACCAGCCGGATC-3'	
MZF1_Mutant 2	Forward – 5'-GATCCGGCTGGTGAG <u>TTTTT</u> AATCG-3'	TRANSFAC prediction
	Reverse – 5'-CGATT <u>AAAAA</u> TCACCAGCCGGATC-3'	
PU.1 consensus (Ets family_Consensus)	Forward – 5'-GGGCTGCTTGAG <u>GAA</u> GTATAAGAAT	Santa Cruz Biotech. (Cat. Nr. - SC-2549)
	Reverse – 5'-ATTCTTATAC <u>TTC</u> CTCAAGCAGCCC	
PU.1 consensus (Ets family_Mutant)	Forward – 5'-GGGCTGCTTGAG <u>AGA</u> GAGTATAAGAAT	Santa Cruz Biotech. (Cat. Nr. -SC-2550)
	Reverse – 5'-ATTCTTATAC <u>TCT</u> CTCAAGCAGCCC	
PBX1_Consensus	Forward – 5'-CTCCAATTAGTGCATCAA <u>TC</u> AATTTCG	Santa Cruz Biotech. (Cat. Nr. - SC-2581)
	Reverse – 5'-CGAATT <u>GA</u> TTGATGCACTAATTGGAG	
PBX1_Mutant	Forward – 5'-CTCCAATTAGTGCATCAA <u>GG</u> AATTTCG	Santa Cruz Biotech. (Cat. Nr. - SC-2582)
	Reverse – 5'-CGAATT <u>CC</u> TTGATGCACTAATTGGAG	