

**Table S6**

List of genes containing transcription factor binding sites for NFκB or SP1, as depicted in Figure 7.

<b>Transcription factor</b>	<b>Gene symbol</b>	<b>Gene name</b>
<b>NFκB</b>	<i>AFP</i>	Alpha-fetoprotein
	<i>AGPAT9</i>	1-acylglycerol-3-phosphate O-acyltransferase 9
	<i>AKAP12</i>	A kinase (PRKA) anchor protein 12
	<i>AKR1C3</i>	Aldo-keto reductase family 1, member C3 (3-alpha hydroxysteroid dehydrogenase, type II)
	<i>ALAS2</i>	Aminolevulinate, delta-, synthase 2
	<i>ARNTL</i>	Aryl hydrocarbon receptor nuclear translocator-like
	<i>BRE</i>	Brain and reproductive organ-expressed (TNFRSF1A modulator)
	<i>CA1</i>	Carbonic anhydrase I
	<i>CALCA</i>	Calcitonin-related polypeptide alpha
	<i>CEACAM8</i>	Carcinoembryonic antigen-related cell adhesion molecule 8
	<i>CGA</i>	Glycoprotein hormones, alpha polypeptide
	<i>CHI3L1</i>	Chitinase 3-like 1 (cartilage glycoprotein-39)
	<i>CLC</i>	Charcot-Leyden crystal protein
	<i>DEFA1</i>	Defensin, alpha 1
	<i>DEFA4</i>	Cefensin, alpha 4, corticostatin
	<i>DNAJA4</i>	DnaJ (Hsp40) homolog, subfamily A, member 4
	<i>DNAJB1</i>	DnaJ (Hsp40) homolog, subfamily B, member 1
	<i>ELL2</i>	Elongation factor, RNA polymerase II, 2
	<i>FAM129C</i>	Family with sequence similarity 129, member C
	<i>G0S2</i>	G0/G1switch 2
	<i>HBA1</i>	Hemoglobin, alpha 1
	<i>HBA2</i>	Hemoglobin, alpha 2
	<i>HBG1</i>	Hemoglobin, gamma A

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<i>HBM</i>	Hemoglobin, mu
<i>HEMGN</i>	Hemogen
<i>HSPA1A</i>	Heat shock 70kDa protein 1A
<i>HSPA1B</i>	Heat shock 70kDa protein 1B
<i>HSPA6</i>	Heat shock 70kDa protein 6 (HSP70B')
<i>HSPD1</i>	Heat shock 60kDa protein 1 (chaperonin)
<i>IGSF1</i>	Immunoglobulin superfamily, member 1
<i>IL1R2</i>	Interleukin 1 receptor, type II
<i>IL1RL1</i>	Interleukin 1 receptor-like 1
<i>LTF</i>	Lactotransferrin
<i>MAFF</i>	V-maf musculoaponeurotic fibrosarcoma oncogene homolog F (avian)
<i>MMP8</i>	Matrix metalloproteinase 8 (neutrophil collagenase)
<i>MMP9</i>	Matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase)
<i>MPO</i>	Myeloperoxidase
<i>MS4A3</i>	Membrane-spanning 4-domains, subfamily A, member 3 (hematopoietic cell-specific)
<i>MYB</i>	V-myb myeloblastosis viral oncogene homolog (avian)
<i>OLFM4</i>	Olfactomedin 4
<i>PIP5K1B</i>	Phosphatidylinositol-4-phosphate 5-kinase, type I, beta
<i>PRG2</i>	Plasticity-related gene 2
<i>PROK2</i>	Prokineticin 2
<i>PTX3</i>	Pentraxin-related gene, rapidly induced by IL-1 beta
<i>RHCE</i>	Rh blood group, CcEe antigens
<i>RHD</i>	Rh blood group, D antigen
<i>S100P</i>	S100 calcium binding protein P
<i>SELE</i>	Selectin E
<i>SLC25A37</i>	Solute carrier family 25, member 37
<i>SLC4A1</i>	Solute carrier family 4, anion exchanger, member 1 (erythrocyte membrane protein band 3, Diego blood group)
<i>TCN1</i>	Transcobalamin I (vitamin B12 binding protein, R binder family)
<i>ZNF165</i>	Zinc finger protein 165

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<b>SP1</b>	<i>COL8A1</i>	Collagen, type VIII, alpha 1
	<i>TPCN1</i>	Two pore segment channel 1
	<i>SFRS18</i>	Splicing factor, arginine/serine-rich 18
	<i>MAP3K1</i>	Mitogen-activated protein kinase kinase kinase 1
	<i>EML4</i>	Echinoderm microtubule associated protein like 4
	<i>CTHRC1</i>	Collagen triple helix repeat containing 1
	<i>BCL11B</i>	B-cell CLL/lymphoma 11B (zinc finger protein)
	<i>GOPC</i>	Golgi associated PDZ and coiled-coil motif containing
	<i>MAP3K13</i>	Mitogen-activated protein kinase kinase kinase 13
	<i>HTR2B</i>	5-hydroxytryptamine (serotonin) receptor 2B
	<i>FMR1</i>	Fragile X mental retardation 1
	<i>FARP1</i>	FERM, RhoGEF (ARHGEF) and pleckstrin domain protein 1 (chondrocyte-derived)
	<i>XPO1</i>	Exportin 1 (CRM1 homolog, yeast)
	<i>MLLT3</i>	Myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 3
	<i>COL11A1</i>	Collagen, type XI, alpha 1
	<i>SOS1</i>	Son of sevenless homolog 1 (Drosophila)
	<i>HOPX</i>	HOP homeobox
	<i>TIA1</i>	TIA1 cytotoxic granule-associated RNA binding protein
	<i>PER3</i>	Period homolog 3 (Drosophila)
	<i>PDE4DIP</i>	Phosphodiesterase 4D interacting protein
	<i>TMED10</i>	Transmembrane emp24-like trafficking protein 10 (yeast)
	<i>SPINK1</i>	Serine peptidase inhibitor, Kazal type 1
	<i>C17orf42</i>	Chromosome 17 open reading frame 42
	<i>ABCA5</i>	ATP-binding cassette, sub-family A (ABC1), member 5
	<i>PHACTR2</i>	Phosphatase and actin regulator 2
	<i>ITPR2</i>	Inositol 1,4,5-triphosphate receptor, type 2
	<i>PECR</i>	Peroxisomal trans-2-enoyl-CoA reductase
	<i>PTCH1</i>	Patched homolog 1 (Drosophila)
	<i>NHLRC3</i>	NHL repeat containing 3
	<i>ATAD4</i>	ATPase family, AAA domain containing 4

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