

Supporting Information

Walsh et al. 10.1073/pnas.1209372109

Table S1. List of up-regulated genes in B-cell of *Tlr7*tg mice (>twofold)

Biological function	Gene symbol	Protein name
Lymphocyte signaling	<i>Cd38</i>	CD38 antigen
	<i>Sp3</i>	transacting transcription factor 3
	<i>Syk</i>	spleen tyrosine kinase
	<i>Sh3bp5</i>	SH3-domain binding protein 5 (BTK-associated)
	<i>Ptpnc</i>	protein tyrosine phosphatase, receptor type, C
	<i>Slamf1</i>	signaling lymphocytic activation molecule family member 1
	<i>Impdh2</i>	inosine 5'-phosphate dehydrogenase 2
Antigen processing and presentation	<i>Dock2</i>	dedicator of cyto-kinesis 2
	<i>H2-B1</i>	histocompatibility 2, blastocyst
	<i>H2-K1</i>	histocompatibility 2, K1, K region
	<i>H2-M3</i>	histocompatibility 2, M region locus 3
	<i>H2-Q7</i>	histocompatibility 2, Q region locus 7
	<i>Psmb9</i>	proteasome (prosome, macropain) subunit, beta type 9 (large multifunctional peptidase 2)
	<i>Tap1</i>	transporter 1, ATP-binding cassette, subfamily B (MDR/TAP)
Transcription	<i>Ciita</i>	class II transactivator
	<i>Mef2c</i>	myocyte enhancer factor 2C
	<i>Ncor1</i>	nuclear receptor corepressor 1
	<i>Pgr</i>	progesterone receptor
	<i>Spib</i>	Spi-B transcription factor (Spi-1/PU.1 related)
RNA-binding	<i>Ewsr1</i>	Ewing sarcoma breakpoint region 1
	<i>Hnrnpa1</i>	heterogeneous nuclear ribonucleoprotein A1
	<i>Hnrpdl</i>	heterogeneous nuclear ribonucleoprotein d-like
	<i>Mbnl1</i>	muscleblind-like 1 (<i>Drosophila</i>)
	<i>Msi2</i>	Musashi homolog 2 (<i>Drosophila</i>)
	<i>Nova1</i>	neuro-oncological ventral antigen 1
	<i>Raver1</i>	ribonucleoprotein, PTB-binding 1
	<i>Rbmxt</i>	RNA binding motif protein, X chromosome retrogene
	<i>Son</i>	Son DNA binding protein
Cell cycle	<i>Rap1a</i>	Rap1a RAS-related protein-1a
	<i>Casp3</i>	caspase 3
	<i>Lig1</i>	ligase I, DNA, ATP-dependent
	<i>Tfdp1</i>	transcription factor Dp 1
	<i>Hcls1</i>	hematopoietic cell specific Lyn substrate 1
IFN inducible	<i>Igtp</i>	IFN gamma induced GTPase
	<i>Stat1</i>	signal transducer and activator of transcription 1
	<i>Gvin1</i>	GTPase, very large IFN inducible 1
Ig	<i>Igh-6</i>	Ig heavy chain 6 (heavy chain of IgM)
	<i>Igk-C</i>	Ig kappa chain C region. [Source:Uniprot/SWISSPROT;Acc:P01837]
	<i>Igj</i>	Ig joining chain
	AI324046	mouse IgG-3 constant chain, expressed sequence AI324046 (AI324046), mRNA
	LOC630242	PREDICTED: similar to Ig heavy chain V region MC101 precursor (LOC630242), mRNA
	LOC544900	PREDICTED: similar to Ig heavy chain V region PJ14 precursor (LOC544900), mRNA
	LOC629863	PREDICTED: similar to Ig heavy chain V region 108A precursor (LOC629863), mRNA
	LOC668497	PREDICTED: similar to Ig heavy chain V-I region V35 precursor (LOC668497), mRNA
	LOC211331	PREDICTED: similar to Ig heavy chain V region 93G7 precursor (LOC211331), mRNA
	LOC382695	PREDICTED: similar to Ig heavy chain V region VH558 A1/A4 precursor (LOC382695), mRNA
	LOC380823	PREDICTED: similar to Ig heavy chain V region B1-8/186-2 precursor (LOC380823), mRNA
	LOC380824	PREDICTED: similar to Ig heavy chain V region VH558 A1/A4 precursor (LOC380824), mRNA
	LOC673286	PREDICTED: similar to Ig heavy chain V region 102 precursor (LOC673286), mRNA
LOC673498	PREDICTED: similar to Ig heavy chain V region VH558 A1/A4 precursor (LOC673498), mRNA	

