Supplementary Table S1.

28ζ		28γ		BBζ		BBγ		28BBζ		28ζγ	
Dowregulated	**Upregulated**	**Dowregulated**	**Upregulated**	**Dowregulated**	**Upregulated**	**Dowregulated**	**Upregulated**	**Dowregulated**	**Upregulated**	**Dowregulated**	**Upregulated**
FDCSP	PPM1L	SLITRK2	CXCR1	SERPINB2	SLC35G5	TM6SF2	C20orf202	CXCL9	ADAMTS17	FDCSP	TLR2
CXCL11	ITGA6	KIF25	GRM2	MSX1	LINC01948	CGN	TSPYL5	CXCL11	SLC44A3	IL3	TSPYL6
CXCL9	PLXND1	CCL8	AKAP3	KRT17	WNT4	SLITRK2	CXCR1	OR2I1P	ST8SIA6	CXCL9	GOLGA5P1
DEPP1	ZNF449	IL33	ZNF541	IL10	GPR37L1	FBN2	IL17C	IL22	FCRL6	DOK5	ELAPOR2
CCL2	ADAMTS17	PTGS2	EIF4BP5	SERPINE1	PTGDS	LINC00589	CD93	NNMT	MYLK4	MSX1	SLC44A1SA-3
CXCL10	CUBN	MAB21L1	PIWIL4	IL1B	RPL4P7	CNIH1SA-3	GRM2	HES1	ZNF630	EMSLR	CATSPERB
CXCL8	ANO5	CPXM2	SCYL2P1	CST6	FRY-AS1	MTARC2	FGR	DLL4	THBS1SA-4	LRRC26	LINC01259
NNMT	ARHGAP1SA-15	GAPDHP14	TKTL1	HBQ1	ZBTBTD-44	GPR84	KRT18P34	UBD	DDIT4L	HES1	NEUROD2
CXCL3	GTF2IRD2B	GJA4	PRR34	FCER2	CILP	SIK1	POLR3DP1	SERPINB2	RALGPS1	IL1B	NRIP2
HES1	VMAC	NLRP3	BTBD18	CXCL2	SPTB	PHF21B	TMEM1SA-254	HBQ1	CASC19	RASD1	CILP
UBD	DTX3	CNIH1SA-3	LINC01948	TFAP2A-AS2	MAGEE1	BEX1	WFIKKN1	KRT17	ZNF385D	KRTAP19-1	PPIAP51
CXCL2	HPCAL4	CGN	KCNQ3	PLA2G4C	PTK6	ARNTTD-2	PRR34	CCN1	LYZ	IGF2	DNAAF11
IL3	FBXO10	SERTAD1SA-4	CYP2D6	IL1RN	RFPL2	RPL23AP32	SYT12	IL3	RPL4P7	RIBC2	LINC00612
OR2I1P	LINC01431	PRCD	PLEKHG3	RASD1	C11orf65	SCG3	KCNK7	RIBC2	LINC02175	KRT17	IL17C
CIART	TMEM229B	ZNF112	OLFM2	DEPP1	LINC02175	ASIP	ZNF596	SPP1	LINC00565	MT3	AQP1
DLL4	ZNF652	WWC2	LTK	NAPSA	C8G	SEMA3F	MAP10	EMSLR	GNMT	ATP12A	POU5F1B
PMCH	PPIEL	DUXAP8	PHB1P9	FOSB	EDN3	DANT2	KARS1P1	DOK5	ZKSCAN7	CD1SA-109	SLC30A2
LIM2	AMIGO1	LYPD1	THBS1SA-4	C3	CASC19	SAMD5	GTF2I-AS1	NCR3LG1	NPIPB13	RASL11A	MYO7A
MAFB	LRFN1	PLA2G2A	CCDC17	TNFSF9	IL20RB	SERPINB2	SCYL2P1	MT3	FRAT1	LINC02832	FRY-AS1
IRF8	APRG1	MAP7	ZNF233	ATF3	CYP2D6	SLC19A3	NR3C2	FABP5P7	ZNF497	OR2I1P	FAM238C
MIR155HG	MBTD1	BOC	TMEM229B	RRAD	LINC02812	NLRP3	COL10A1	C4orf47	ZNF396	PPM1J-DT	LINC02035
XIRP1	LDLRAP1	NEURL3	ZNF425	ILDR1	GRIP2	SH3RF1	C2CD4D	MSX1	SCNN1D	PLS1	KRT18P34
CCL3L1	SESN3	ARC	PHETA2	NNMT	ZNF300	SEMA3A	TMEM229B	ANKRD18DP	PRKG2	LRRC32	LINC00862
C1S	C1QTNF6	KLF4	IL11RA	SOCS3	SPAG8	HOXA5	CNKSR1	ASGR1	GNAO1	RRAD	GNBTD-1
CCL20	DENND6A	HAS1SA-2	LTB4R2	CCDC150	BEAN1	MIR193BHG	HERC2P7	LINC01705	ZNF541	CCN1	AK5
ATF3	FEZ2	WFDC5	C11orf65	PIN4P1	FAM171A1	TBX18	ITGA10	RPL21P28	TAS1R3	CXCL2	DOCKTD-9
MT3	PINK1	C4orf47	CPLANE2	CHAC2	ATP6V1G2	LINC01705	SPAG8	RASL11A	GPR37L1	IL22	EAF1SA-1
DNAH11	TET1	CLDN1		DGKI	LINC01003	TBX3	TKTL1	SLC30A3	MIOS-DT	NCR3LG1	ADAMTS17
NPW	KIT	LINC00189		CCNE2	SLC44A1SA-3	WNT6	MRM1	MAFB	BFSP1	GPR84	SLC13A4
CCL22	FAAHP1	PCP4L1		CDKN1C	SEC24B-AS1	RARRES2P6	TPGS1	EGR4	LINC02035	LDHAP5	PODNL1
DERL3	NCAM1	CST6		POU2AF1	LINC01521	SMIM10	FOXO4	LRRC26	MAP10	ZNF485	TRMT61A-DT
NAPSA	UBAP1L	LINC00683		SCD5	GRIN2C	WFDC2	ZNF497	IFI30	NRL	NPM3	HAR1A
TMPRSS6	IL6R	IGF2BP1SA-2		NR4A2	CHIC1	SCML1	PRAG1	IL1B	MGC16275	MAFG-DT	LINC01772
ARC	MAP2K6	FBN2		SDK2	MBLAC2	IRX3	ZFPM1	C11orf96	SPAG8	E2F8	RALGPS1
RASD1	MIRLET7BHG	CSF3		GINS4	MAILR	FBLL1	SLC29A3	BEX1	CUBN	LKAAEAR1	H1SA-1-10
IL22	GDPD5	MSRB3		NPM3	LINC00310	ZNF112	MIF4GD-DT	PPM1J	PCAT1	GJB2	CYP2D6
FABP5	PRDM11	STARD13		DERL3	LINC02362	CHRNA1	OGFRP1	TCAM1P	LRFN1	GCK	MAP1SA-7
NAMPTP1	ZNF565	WFDC2		CCDC74B	PCAT1	MSX1	DTX2P3KPU-1BP-1 2SMPP11	ARC	EDN3	DMC1	MROH8
HSD11B2	PDE9A	ACTN2		PHKA1	MMP24	FNDC4	PCSK5	KLF4	TPGS1	IFI30	RNF43
HSPA2	TMEM91	KLC3		C1R	THBS1SA-4	FABP6	SCAT1	GPR84	STBD1	LCT-AS1	TSPY26P
CCNE2	TTC21A	LINC00173		RGS6	ARHGEF26	LINC01198	UCN	RIMKLA	CCDC1SA-183	CCDC150	SLC25A34
IL1RN	IDUA	PRRG1		APBB2	TMOD2	PART1	GRK6	FLT1	BAIAP3	DGAT2	FITM1
TNIP3	HDAC4	TFAP2A-AS2		E2F8	TTC21A	PTPRG-AS1	PCDH12	CXCL2	TTC34	RPL21P28	ZNF517
FOSB	ACVR2A	PTX3		IDO1	PCMTDTD-1	OLFML2B	MIR3677HG	CCN2	CCDC120	LDHAP3	HAS3
SOCAR	OSERTD-1	GULP1		OMD	ARHGAP1SA-15	SERPINA5	MYG1	RASD1	SPACA9	ZNF670	GRIN2C
BICDL2	FBXL16	SAMD5		HSPA2	PPM1L	INTU	NPFF	SNAI1	MAP2KTD-5	DERL3	CYP2T1P
IFI30	ZNF280D	CADM4		IFI30	PAIP2B	MAP7	COQ8A	POU2AF1	CRYGS	C3	TDRKH-AS1
PIP5K1B	FRAT1	DNAJC12		PLK4	RNF43	LINC00488	SMAGP	NT5C1A	LINC00659	IL1RN	ANKRD24
PMAIP1	TMEM187	ZP1		C1S	RTKN2	MAGEC2	LINC01881	TNFRSF21	ST8SIA1	FLT1	LINC02288