

**Supplement Files: Table S3:up-regulated mRNAs AND down-regulated mRNAs**

N u m	Ge ne ID	Gen e nam e	Official Full Name	Loc ati on
1	16 85 37	GIM AP7	GTPase, IMAP family member 7	7q3 6.1
2	10 0	ADA	adenosine deaminase	20q 13. 12
3	39 32	LCK	LCK proto-oncogene, Src family tyrosine kinase	1p3 5.2 6p2
4	40 50	LTB	lymphotoxin beta	1.3 3
5	30 01	GZM A	granzyme A	5q1 1.2
6	30 02	GZM B	granzyme B	14q 12
7	29 99	GZM H	granzyme H	14q 12
8	75 35	ZAP 70	zeta chain of T cell receptor associated protein kinase 70	2q1 1.2
9	51 17 6	LEF 1	lymphoid enhancer binding factor 1	4q2 5
10	39 96 65	FAM 102 A	family with sequence similarity 102 member A	9q3 4.1 1
11	15 24	CX3 CR1	C-X3-C motif chemokine receptor 1	3p2 2.2
12	48 18	NKG 7	natural killer cell granule protein 7	19q 13. 41
13	38 20	KLR B1	killer cell lectin like receptor B1	12p 13. 31
14	10 28	CDK NIC	cyclin dependent kinase inhibitor 1C	11p 15. 4
15	35 60	IL2 RB	interleukin 2 receptor subunit beta	22q 12. 3
16	64	RAS	RAS protein activator	19p

6	92	AL3	like 3	13.
	6			12
1	61	RPL	ribosomal protein L34	4q2
7	64	34		5
	51			4q2
1	31	PLA	placenta associated 8	1.2
8	6	C8		2
	83			4p1
1	88	FGF	fibroblast growth factor	5.3
9	88	BP2	binding protein 2	2
	8			2
2	63	CCL	C-C motif chemokine	17q
0	51	4	ligand 4	12
				11q
2	91	CD3	CD3d molecule	23.
1	5	D		3
				17q
2	12	CCR	C-C motif chemokine	21.
2	36	7	receptor 7	2
				17q
2	22	FDX	ferredoxin reductase	25.
3	32	R		1
				3p2
2	40	LTF	lactotransferrin	1.3
4	57			1
				2q1
2	78	IL1	interleukin 1 receptor	1.2
5	50	R2	type 2	6p2
				1.3
2	22	FKB	FKBP prolyl isomerase 5	1
6	89	P5		1
	93			Xq1
2	95	ACR	Acidic repeat-containing	3.1
7	3	C	protein	
				8p2
2	16	DEF	defensin alpha 4	3.1
8	69	A4		8p2
				3.1
2	16	DEF	defensin alpha 3	3p2
9	68	A3		1.3
				1
3	82	CAM	cathelicidin	20p
0	0	P	antimicrobial peptide	11.
				21
				20p
3	85	CST	cystatin F	11.
1	30	7		21