

Table 6 - Genes Differentially Expressed Between Children in CR and Healthy Controls.

Probe Set ID	Gene Title	Gene Symbol	Poly CR	Control	Fold Change
234632_x_at	CDNA: FLJ22614 fis, clone HSI05089	---	81.7	15.7	5.2
209396_s_at	chitinase 3-like 1 (cartilage glycoprotein-39)	CHI3L1	131.1	26.4	5.0
206515_at	cytochrome P450, family 4, subfamily F, polypeptide 3	CYP4F3	85.2	18.1	4.7
221345_at	free fatty acid receptor 2	FFAR2	157.7	35.0	4.5
211163_s_at	tumor necrosis factor receptor superfamily, member 10c, decoy without an intracellular domain	TNFRSF10C	336.7	75.8	4.4
209395_at	chitinase 3-like 1 (cartilage glycoprotein-39)	CHI3L1	181.2	42.0	4.3
206222_at	tumor necrosis factor receptor superfamily, member 10c, decoy without an intracellular domain	TNFRSF10C	341.6	81.3	4.2
201466_s_at	jun oncogene	JUN	131.1	31.5	4.2
216782_at	CDNA: FLJ23492 fis, clone LNG01731	---	80.9	19.5	4.2
234640_x_at	CDNA: FLJ22614 fis, clone HSI05089	---	69.0	17.0	4.1
203936_s_at	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase)	MMP9	199.4	51.8	3.8
210119_at	potassium inwardly-rectifying channel, subfamily J, member 15	KCNJ15	219.2	57.7	3.8
206522_at	maltase-glucoamylase (alpha-glucosidase)	MGAM	155.0	42.6	3.6
207008_at	interleukin 8 receptor, beta	IL8RB	822.4	234.9	3.5
218963_s_at	keratin 23 (histone deacetylase inducible)	KRT23	100.6	29.4	3.4
201464_x_at	jun oncogene	JUN	665.3	194.7	3.4
210484_s_at	tumor necrosis factor receptor superfamily, member 10c	TNFRSF10C	247.0	75.3	3.3
207815_at	platelet factor 4 variant 1	PF4V1	706.4	226.8	3.1
236439_at	Transcribed locus	---	180.5	58.3	3.1
207890_s_at	matrix metalloproteinase 25	MMP25	319.9	106.8	3.0
206765_at	potassium inwardly-rectifying channel, subfamily J, member 2	KCNJ2	167.1	59.8	2.8
211806_s_at	potassium inwardly-rectifying channel, subfamily J, member 15	KCNJ15	158.7	57.5	2.8
203591_s_at	colony stimulating factor 3 receptor (granulocyte)	CSF3R	1172.6	426.8	2.7
231513_at	Transcribed locus	---	406.3	150.6	2.7
1553297_a_at	colony stimulating factor 3 receptor	CSF3R	1374.5	584.2	2.4
226103_at	nexilin (F actin binding protein) frequently rearranged in advanced T-cell lymphomas 2	NEXN	98.3	42.0	2.3
209864_at		FRAT2	987.2	423.6	2.3
1554624_a_at	signal-regulatory protein beta 1	SIRPB1	351.5	151.4	2.3
226064_s_at	diacylglycerol O-acyltransferase homolog 2 (mouse)	DGAT2	201.3	87.0	2.3
234644_x_at	CDNA: FLJ22426 fis, clone HRC08780	---	218.6	94.6	2.3

216985_s_at	syntaxin 3	STX3	75.3	32.7	2.3
206655_s_at	glycoprotein Ib (platelet), beta coagulation factor II (thrombin) receptor-like 1	GP1BB	724.9	315.6	2.3
213506_at	receptor-like 1	F2RL1	217.3	94.8	2.3
201465_s_at	jun oncogene	JUN	170.5	74.6	2.3
204961_s_at	neutrophil cytosolic factor 1 methyl-CpG binding domain protein 6	NCF1	1462.6	641.8	2.3
226076_s_at	6	MBD6	166.7	73.6	2.3
222529_at	solute carrier family 25, member 37 nuclear factor (erythroid-derived 2), 45kDa	SLC25A37	1293.4	572.1	2.3
209930_s_at	cAMP responsive element binding protein 5	NFE2	595.6	264.9	2.2
205931_s_at	protein 5	CREB5	221.5	98.8	2.2
222662_at	hypothetical protein LOC286044	LOC286044	170.8	76.2	2.2
200808_s_at	zyxin	ZYX	935.5	421.9	2.2
228846_at	MAX dimerization protein 1	MXD1	420.7	190.2	2.2
229373_at	Transcribed locus chromosome 6 open reading frame 166	---	252.9	114.6	2.2
223143_s_at	166	C6orf166	316.0	143.4	2.2
202708_s_at	histone cluster 2, H2be	HIST2H2BE	710.2	323.8	2.2
226071_at	ADAMTS-like 4	ADAMTSL4	82.6	37.8	2.2
242335_at	solute carrier family 25, member 37 neurogranin (protein kinase C substrate, RC3)	SLC25A37	72.7	33.4	2.2
204081_at	substrate, RC3)	NRGN	2956.9	1366.5	2.2
220001_at	peptidyl arginine deiminase, type IV	PADI4	499.2	231.3	2.2
204669_s_at	ring finger protein 24	RNF24	183.2	84.9	2.2
202856_s_at	solute carrier family 16, member 3 (monocarboxylic acid transporter 4) brain abundant, membrane attached signal protein 1	SLC16A3	545.1	256.1	2.1
202391_at	endothelial cell growth factor 1 (platelet-derived)	BASP1	1257.4	593.0	2.1
204858_s_at	alanyl (membrane) aminopeptidase (aminopeptidase N, aminopeptidase M, microsomal aminopeptidase, CD13, p150)	ECGF1	600.0	283.9	2.1
202888_s_at	CDNA FLJ11431 fis, clone	ANPEP	573.4	271.5	2.1
232555_at	HEMBA1001094	---	274.5	130.2	2.1
207521_s_at	ATPase, Ca ⁺⁺ transporting, ubiquitous	ATP2A3	210.3	99.8	2.1
214290_s_at	histone cluster 2, H2aa3	HIST2H2AA3	3118.1	1483.3	2.1
243934_at	Transcribed locus	---	101.9	48.5	2.1
202855_s_at	solute carrier family 16, member 3 (monocarboxylic acid transporter 4)	SLC16A3	244.9	116.8	2.1
1553962_s_at	ras homolog gene family, member B similar to Neutrophil cytosol factor 1 (NCF-1)	RHOB	266.4	128.2	2.1
214084_x_at	(NCF-1)	NCF1	1532.4	740.5	2.1
235359_at	leucine rich repeat containing 33	LRRC33	335.4	162.1	2.1
203085_s_at	transforming growth factor, beta 1	TGFB1	2140.2	1034.5	2.1
211413_s_at	peptidyl arginine deiminase, type IV	PADI4	297.0	144.1	2.1
225899_x_at	hypothetical protein LOC729660	LOC729660	1406.7	685.2	2.1
215706_x_at	zyxin	ZYX	998.4	486.9	2.1

218280_x_at	histone cluster 2, H2aa3	HIST2H2AA3	1293.7	633.0	2.0
209791_at	peptidyl arginine deiminase, type II ankyrin repeat and BTB (POZ) domain containing 1	PADI2	439.3	215.1	2.0
226442_at	osteoclast-associated receptor	ABTB1	218.0	107.0	2.0
1554503_a_at	Kruppel-like factor 13	OSCAR	195.5	97.0	2.0
219878_s_at	talin 1	KLF13	450.8	223.9	2.0
203254_s_at	solute carrier family 25, member 37	TLN1	520.6	259.2	2.0
221920_s_at	GM2 ganglioside activator	SLC25A37	291.9	145.3	2.0
215891_s_at	---	GM2A	140.7	70.7	2.0
240188_at	zinc finger protein 302	---	102.9	207.7	-2.0
228393_s_at	Interferon, alpha-inducible protein 6	ZNF302	120.9	244.6	-2.0
224533_s_at	---	IFI6	72.4	147.1	-2.0
243049_at	Transcribed locus	---	81.1	167.5	-2.1
236610_at	Transcribed locus	---	106.5	244.7	-2.3
243509_at	Transcribed locus	---	759.7	1745.5	-2.3
237839_at	Transcribed locus	---	62.1	144.4	-2.3
240347_at	Transcribed locus	---	103.8	297.6	-2.9