

Table SI. Gene table of the Human Crohn's Disease RT² Profiler PCR Array (96-well plates).

Position	Symbol	Name	Description
A01	ABCB1	ATP-binding cassette, sub-family B (MDR/TAP), member 1	Other Crohn's disease related genes
A02	ALDOB	Aldolase B, fructose-bisphosphate	Metabolism
A03	ATG16L1	ATG16 autophagy related 16-like 1 (<i>S. cerevisiae</i>)	Other Crohn's disease related genes
A04	C3	Complement component 3	Innate immunity
A05	C4BPB	Complement component 4 binding protein, beta	Innate immunity
A06	CASP1	Caspase 1, apoptosis-related cysteine peptidase (interleukin 1, beta, convertase)	Innate immunity, apoptosis
A07	CCL11	Chemokine (C-C motif) ligand 11	Adaptive immunity
A08	CCL2	Chemokine (C-C motif) ligand 2	Inflammation
A09	CCL20	Chemokine (C-C motif) ligand 20	Inflammation
A10	CCL25	Chemokine (C-C motif) ligand 25	Inflammation
A11	CCL5	Chemokine (C-C motif) ligand 5	Inflammation
A12	CCR1	Chemokine (C-C motif) receptor 1	Inflammation
B01	CCR2	Chemokine (C-C motif) receptor 2	Inflammation, adaptive immunity
B02	CCR5	Chemokine (C-C motif) receptor 5	Inflammation, adaptive immunity
B03	CCR9	Chemokine (C-C motif) receptor 9	Adaptive immunity
B04	CD55	CD55 molecule, decay accelerating factor for complement (Cromer blood group)	Innate immunity
B05	CHI3L1	Chitinase 3-like 1 (cartilage glycoprotein-39)	Other Crohn's disease related genes
B06	CR2	Complement component (3d/Epstein Barr virus) receptor 2	Innate immunity
B07	CSTA	Cystatin A (stefin A)	Extracellular matrix and cell adhesion molecules
B08	CX3CL1	Chemokine (C-X3-C motif) ligand 1	Inflammation
B09	CX3CR1	Chemokine (C-X3-C motif) receptor 1	Extracellular matrix and cell adhesion molecules
B10	CXCL1	Chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha)	Inflammation
B11	CXCL10	Chemokine (C-X-C motif) ligand 10	Inflammation
B12	CXCL11	Chemokine (C-X-C motif) ligand 11	Inflammation
C01	CXCL12	Chemokine (C-X-C motif) ligand 12	Extracellular matrix and cell adhesion molecules
C02	CXCL2	Chemokine (C-X-C motif) ligand 2	Inflammation
C03	CXCL3	Chemokine (C-X-C motif) ligand 3	Inflammation
C04	CXCL9	Chemokine (C-X-C motif) ligand 9	Inflammation
C05	CXCR1	Chemokine (C-X-C motif) receptor 1	Inflammation
C06	CXCR3	Chemokine (C-X-C motif) receptor 3	Adaptive immunity
C07	DEFA5	Defensin, alpha 5, Paneth cell-specific	Humoral immunity
C08	DEFA6	Defensin, alpha 6, Paneth cell-specific	Humoral immunity
C09	EDN3	Endothelin 3	Other Crohn's disease related genes
C10	EGR3	Early growth response 3	Apoptosis
C11	FPR1	Formyl peptide receptor 1	Inflammation
C12	GCG	Glucagon	Digestive secreted proteins
D01	HLA-QA1	Major histocompatibility complex, class II, DQ alpha 1	Adaptive immunity
D02	HLA-DRA	Major histocompatibility complex, class II, DR alpha	Adaptive immunity
D03	HLA-DRB1	Major histocompatibility complex, class II, DR beta 1	Adaptive immunity
D04	HSP90B1	Heat shock protein 90kDa beta (Grp94), member 1	Unfolded protein response
D05	HSPA5	Heat shock 70kDa protein 5 (glucose-regulated protein, 78kDa)	Unfolded protein response
D06	IFNG	Interferon, gamma	Adaptive immunity

Table SI. Continued.

Position	Symbol	Name	Description
D07	IL13	Interleukin 13	Adaptive immunity
D08	IL17A	Interleukin 17A	Inflammation
D09	IL1B	Interleukin 1, beta	Inflammation, apoptosis
D10	IL1RN	Interleukin 1 receptor antagonist	Innate immunity
D11	IL23A	Interleukin 23, alpha subunit p19	Inflammation
D12	IL2RA	Interleukin 2 receptor, alpha	Apoptosis, inflammation, adaptive immunity
E01	IL5	Interleukin 5 (colony-stimulating factor, eosinophil)	Adaptive immunity
E02	IL6	Interleukin 6 (interferon, beta 2)	Inflammation, humoral immunity, adaptive immunity
E03	IL8	Interleukin 8	Inflammation
E04	IRF5	Interferon regulatory factor 5	Innate and adaptive immunity
E05	ISG15	ISG15 ubiquitin-like modifier	Innate immunity
E06	ITGB2	Integrin, beta 2 (complement component 3 receptor 3 and 4 subunit)	Apoptosis, inflammation
E07	LCN2	Lipocalin 2	Apoptosis, innate immunity
E08	LTB	Lymphotoxin beta (TNF superfamily, member 3)	Inflammation
E09	LYZ	Lysozyme	Inflammation, humoral immunity
E10	MMP1	Matrix metalloproteinase 1 (interstitial collagenase)	Extracellular matrix and cell adhesion molecules
E11	MMP10	Matrix metalloproteinase 10 (stromelysin 2)	Extracellular matrix and cell adhesion molecules
E12	MMP3	Matrix metalloproteinase 3 (stromelysin 1, progelatinase)	Extracellular matrix and cell adhesion molecules
F01	MMP7	Matrix metalloproteinase 7 (matrilysin, uterine)	Extracellular matrix and cell adhesion molecules
F02	MUC1	Mucin 1, cell surface associated	Digestive secreted proteins
F03	NOD2	Nucleotide-binding oligomerization domain containing 2	Innate immunity
F04	NOS2	Nitric oxide synthase 2, inducible	Innate immunity
F05	NR3C2	Nuclear receptor subfamily 3, group C, member 2	Other Crohn's disease related genes
F06	PCK1	Phosphoenolpyruvate carboxykinase 1 (soluble)	Metabolism
F07	PECAM1	Platelet/endothelial cell adhesion molecule	Extracellular matrix and cell adhesion molecules
F08	REG1A	Regenerating islet-derived 1 alpha	Digestive secreted proteins
F09	REG1B	Regenerating islet-derived 1 beta	Digestive secreted proteins
F10	S100A8	S100 calcium binding protein A8	Inflammation
F11	S100A9	S100 calcium binding protein A9	Inflammation
F12	SAA1	Serum amyloid A1	Inflammation, innate immunity
G01	SELE	Selectin E	Inflammation, Extracellular matrix and cell adhesion molecules
G02	SELL	Selectin L	Extracellular matrix and cell adhesion molecules
G03	SOD2	Superoxide dismutase 2, mitochondrial	Apoptosis
G04	STAT1	Signal transducer and activator of transcription 1, 91kDa	Adaptive immunity
G05	STAT3	Signal transducer and activator of transcription 3 (acute-phase response factor)	Inflammation
G06	TDO2	Tryptophan 2,3-dioxygenase	Metabolism
G07	TFF1	Trefoil factor 1	Digestive secreted proteins
G08	TIMP1	TIMP metalloproteinase inhibitor 1	Extracellular matrix and cell adhesion molecules
G09	TNF	Tumor necrosis factor	Apoptosis, inflammation
G10	TYK2	Tyrosine kinase 2	Innate immunity

Table SI. Continued.

Position	Symbol	Name	Description
G11	UBD	Ubiquitin D	Unfolded protein response
G12	VWF	Von Willebrand factor	Extracellular matrix and cell adhesion molecules
H01	ACTB	Actin, beta	Housekeeping gene
H02	B2M	Beta-2-microglobulin	Housekeeping gene
H03	GAPDH	Glyceraldehyde-3-phosphate dehydrogenase	Housekeeping gene
H04	HPRT1	Hypoxanthine phosphoribosyltransferase 1	Housekeeping gene
H05	RPLP0	Ribosomal protein, large, P0	Housekeeping gene
H06	HGDC	Human genomic DNA contamination	Control for human genomic DNA contamination
H07	RTC	Reverse transcription control	Control for the efficiency of the reverse transcription reaction
H08	RTC	Reverse transcription control	Control for the efficiency of the reverse transcription reaction
H09	RTC	Reverse transcription control	Control for the efficiency of the reverse transcription reaction
H10	PPC	Positive PCR control	Control for the efficiency of PCR
H11	PPC	Positive PCR control	Control for the efficiency of PCR
H12	PPC	Positive PCR control	Control for the efficiency of PCR