

con vs MC58			
Gene Symbol	Gene Name	Fold change	FDR p-value
IL1B	interleukin 1 beta	64,65	0,001022
CCL20	C-C motif chemokine ligand 20	23,85	0,000000
IL17C	interleukin 17C	22,48	0,000000
CXCL2	C-X-C motif chemokine ligand 2	20,76	0,000000
TNF	tumor necrosis factor	18,47	0,000000
CXCL1	C-X-C motif chemokine ligand 1	15,80	0,000000
CXCL3	C-X-C motif chemokine ligand 3	14,48	0,000000
CXCL8	C-X-C motif chemokine ligand 8	14,03	0,000000
NFKBIZ	NFKB inhibitor zeta	13,60	0,000000
CSF2	colony stimulating factor 2	13,01	0,000008
CCL2	C-C motif chemokine ligand 2	12,47	0,000001
IL1A	interleukin 1 alpha	11,74	0,015505
ZC3H12A	zinc finger CCCH-type containing 12A	11,63	0,000000
TCIM	transcriptional and immune response regulator	9,73	0,000000
ICAM1	intercellular adhesion molecule 1	9,68	0,000000
RND1	Rho family GTPase 1	9,04	0,000000
CXCL6	C-X-C motif chemokine ligand 6	7,92	0,000000
CYP24A1	cytochrome P450 family 24 subfamily A member 1	7,64	0,000000
NFKBIA	NFKB inhibitor alpha	7,46	0,000000
TNFAIP2	TNF alpha induced protein 2	7,24	0,000000
IL23A	interleukin 23 subunit alpha	6,10	0,000004
LIF	LIF interleukin 6 family cytokine	5,97	0,000000
PTGS2	prostaglandin-endoperoxide synthase 2	5,89	0,000000
ANGPTL4	angiopoietin like 4	5,69	0,000000
ZFP36	ZFP36 ring finger protein	5,19	0,000000
C6orf222		4,98	0,021321
CX3CL1	C-X3-C motif chemokine ligand 1	4,96	0,025366
TNFAIP3	TNF alpha induced protein 3	4,94	0,000000
IER3	immediate early response 3	4,60	0,000000
SLC6A14	solute carrier family 6 member 14	4,59	0,000000
LTB	lymphotoxin beta	4,50	0,000000
CEBPD	CCAAT enhancer binding protein delta	4,40	0,000000
SOD2	superoxide dismutase 2	4,30	0,000000
MAFF	MAF bZIP transcription factor F	4,21	0,000000

con vs MC58siaD ⁻			
Input	Approved name	Fold change	FDR p-value
IL1B	interleukin 1 beta	77,58	0,000399
CCL20	C-C motif chemokine ligand 20	28,72	0,000000
IL17C	interleukin 17C	20,25	0,000000
CXCL2	C-X-C motif chemokine ligand 2	19,03	0,000000
TNF	tumor necrosis factor	17,79	0,000000

IL6	interleukin 6	16,49	0,016260
CXCL1	C-X-C motif chemokine ligand 1	16,35	0,000000
CSF2	colony stimulating factor 2	15,08	0,000001
CXCL8	C-X-C motif chemokine ligand 8	14,45	0,000000
CXCL3	C-X-C motif chemokine ligand 3	14,37	0,000000
CCL2	C-C motif chemokine ligand 2	13,89	0,000000
IL1A	interleukin 1 alpha	11,61	0,015914
NFKBIZ	NFKB inhibitor zeta	11,15	0,000000
TCIM	transcriptional and immune response regulator	10,53	0,000000
ZC3H12A	zinc finger CCCH-type containing 12A	10,14	0,000000
CXCL6	C-X-C motif chemokine ligand 6	9,75	0,000000
ICAM1	intercellular adhesion molecule 1	9,46	0,000000
RND1	Rho family GTPase 1	9,08	0,000000
CYP24A1	cytochrome P450 family 24 subfamily A member 1	8,70	0,000000
IL23A	interleukin 23 subunit alpha	8,24	0,000000
TNFAIP2	TNF alpha induced protein 2	7,81	0,000000
NFKBIA	NFKB inhibitor alpha	7,34	0,000000
SPIB	Spi-B transcription factor	6,49	0,022577
RASD1	ras related dexamethasone induced 1	6,34	0,039433
IGFBP1	insulin like growth factor binding protein 1	6,27	0,036090
LTB	lymphotoxin beta	5,92	0,000000
PTGS2	prostaglandin-endoperoxide synthase 2	5,68	0,000000
ADORA2A	adenosine A2a receptor	5,44	0,000219
ANGPTL4	angiopoietin like 4	5,34	0,000000
SOD2	superoxide dismutase 2	5,21	0,000000
LIF	LIF interleukin 6 family cytokine	5,01	0,000000
SLC6A14	solute carrier family 6 member 14	4,97	0,000000
CSF1	colony stimulating factor 1	4,77	0,003530
PI3	peptidase inhibitor 3	4,73	0,014113
SERPINA3	serpin family A member 3	4,71	0,000000
IER3	immediate early response 3	4,60	0,000000
CX3CL1	C-X3-C motif chemokine ligand 1	4,59	0,044719
ZFP36	ZFP36 ring finger protein	4,48	0,000003
CEBPD	CCAAT enhancer binding protein delta	4,47	0,000000
TNFAIP3	TNF alpha induced protein 3	4,45	0,000000
TNFRSF6B	TNF receptor superfamily member 6b	4,44	0,000000
HILPDA	hypoxia inducible lipid droplet associated	4,27	0,000000
MAFF	MAF bZIP transcription factor F	4,13	0,000000

con vs con + U0126			
Input	Approved name	Fold change	FDR p-value
DUSP6	dual specificity phosphatase 6	9,73	0,000000
CLDN2	claudin 2	9,47	0,000275
ANKRD37	ankyrin repeat domain 37	7,72	0,000000
EGR1	early growth response 1	6,78	0,044671

ETV5	ETS variant transcription factor 5	6,52	0,000004
ANGPTL4	angiopoietin like 4	4,17	0,000005
CYP1B1	cytochrome P450 family 1 subfamily B member 1	-4,20	0,000000
LOC105374986		-5,01	0,000105
TNFSF12	TNF superfamily member 12	-5,03	0,006733
VASN	vasorin	-5,41	0,000403
NUPR1	nuclear protein 1, transcriptional regulator	-5,76	0,000908
SECTM1	secreted and transmembrane 1	-6,30	0,000001
AHRR	aryl-hydrocarbon receptor repressor	-7,48	0,000000
BMF	Bcl2 modifying factor	-13,19	0,000000

Con + U0126 vs MC58 + U0126			
Input	Approved name	Fold change	FDR p-value
IL17C	interleukin 17C	79,66	0,000425
CCL20	C-C motif chemokine ligand 20	20,68	0,000000
CXCL2	C-X-C motif chemokine ligand 2	20,30	0,000000
TNF	tumor necrosis factor	18,21	0,000000
CXCL1	C-X-C motif chemokine ligand 1	16,79	0,000000
CXCL8	C-X-C motif chemokine ligand 8	16,17	0,000000
CXCL3	C-X-C motif chemokine ligand 3	15,66	0,000000
ZC3H12A	zinc finger CCCH-type containing 12A	12,04	0,000000
CCL2	C-C motif chemokine ligand 2	11,80	0,000000
ANKRD37	ankyrin repeat domain 37	10,05	0,000000
NFKBIZ	NFKB inhibitor zeta	8,18	0,000000
ICAM1	intercellular adhesion molecule 1	7,98	0,000000
CXCL6	C-X-C motif chemokine ligand 6	7,67	0,000000
ANGPTL4	angiopoietin like 4	7,59	0,000000
NFKBIA	NFKB inhibitor alpha	7,33	0,000000
RND1	Rho family GTPase 1	7,02	0,000000
ADORA2A	adenosine A2a receptor	6,91	0,014927
TCIM	transcriptional and immune response regulator	6,77	0,000000
ADM	adrenomedullin	6,36	0,000000
PFKFB4	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 4	6,34	0,000000
CX3CL1	C-X3-C motif chemokine ligand 1	6,12	0,003608
C6orf222		5,77	0,006118
MIR210HG	MIR210 host gene	5,63	0,000105
TNFAIP2	TNF alpha induced protein 2	5,59	0,000000
IL4I1	interleukin 4 induced 1	5,48	0,000001
CXCL10	C-X-C motif chemokine ligand 10	5,40	0,011115
TNFAIP3	TNF alpha induced protein 3	5,03	0,000000
FBXL8	F-box and leucine rich repeat protein 8	4,75	0,041838
BHLHE40	basic helix-loop-helix family member e40	4,36	0,000000
SOD2	superoxide dismutase 2	4,09	0,000000
CEBPD	CCAAT enhancer binding protein delta	4,01	0,000000

Con + U0126 vs MC58siaD ⁻ + U0126			
Input	Approved name	Fold change	FDR p-value
IL17C	interleukin 17C	190,68	0,000002
IL1B	interleukin 1 beta	56,80	0,002956
CCL20	C-C motif chemokine ligand 20	37,32	0,000000
IL1A	interleukin 1 alpha	28,19	0,003607
CXCL8	C-X-C motif chemokine ligand 8	26,67	0,000000
CXCL2	C-X-C motif chemokine ligand 2	26,60	0,000000
TNF	tumor necrosis factor	26,58	0,000000
CXCL1	C-X-C motif chemokine ligand 1	25,62	0,000000
CCL2	C-C motif chemokine ligand 2	22,91	0,000000
CXCL3	C-X-C motif chemokine ligand 3	21,85	0,000000
CSF2	colony stimulating factor 2	15,09	0,000273
ZC3H12A	zinc finger CCCH-type containing 12A	14,27	0,000000
CXCL6	C-X-C motif chemokine ligand 6	13,31	0,000000
ANKRD37	ankyrin repeat domain 37	12,78	0,000000
ADORA2A	adenosine A2a receptor	11,67	0,000061
ICAM1	intercellular adhesion molecule 1	11,60	0,000000
RND1	Rho family GTPase 1	11,45	0,000000
ANGPTL4	angiopoietin like 4	10,50	0,000000
TCIM	transcriptional and immune response regulator	10,40	0,000000
IL4I1	interleukin 4 induced 1	9,49	0,000000
NFKBIA	NFKB inhibitor alpha	9,29	0,000000
CXCL10	C-X-C motif chemokine ligand 10	8,81	0,000033
NFKBIZ	NFKB inhibitor zeta	8,80	0,000000
CX3CL1	C-X3-C motif chemokine ligand 1	8,78	0,000034
NOS2	nitric oxide synthase 2	8,64	0,023055
IL6	interleukin 6	8,56	0,016570
TNFAIP2	TNF alpha induced protein 2	8,00	0,000000
SAA2	serum amyloid A2	7,67	0,015618
C6orf222	BCL2 interacting protein 5	7,67	0,000176
GFPT2	glutamine-fructose-6-phosphate transaminase 2	7,60	0,009101
PFKFB4	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 4	7,43	0,000000
ADM	adrenomedullin	7,28	0,000000
IL23A	interleukin 23 subunit alpha	7,28	0,000004
TNFRSF6B	TNF receptor superfamily member 6b	7,26	0,000000
SOD2	superoxide dismutase 2	7,17	0,000000
MIR210HG	MIR210 host gene	6,90	0,000003
CHAC1	ChaC glutathione specific gamma-glutamylcyclotransferase 1	6,48	0,000065
SERPINA3	serpin family A member 3	6,36	0,000000
SLC6A14	solute carrier family 6 member 14	6,04	0,000000
ANKK1	ankyrin repeat and kinase domain containing 1	5,99	0,001924

LTB	lymphotoxin beta	5,95	0,000000
TNFAIP3	TNF alpha induced protein 3	5,48	0,000000
G0S2	G0/G1 switch 2	5,46	0,000000
ZC3H12C	zinc finger CCCH-type containing 12C	5,44	0,039084
LOC101929444		5,29	0,000252
HILPDA	hypoxia inducible lipid droplet associated	4,99	0,000000
CEBPD	CCAAT enhancer binding protein delta	4,97	0,000000
TNFRSF11B	TNF receptor superfamily member 11b	4,90	0,000006
EGLN3	egl-9 family hypoxia inducible factor 3	4,70	0,000000
CYP24A1	cytochrome P450 family 24 subfamily A member 1	4,63	0,000000
PI3	peptidase inhibitor 3	4,62	0,021402
PFKFB3	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3	4,59	0,000000
RCAN1	regulator of calcineurin 1	4,54	0,000000
PTGS2	prostaglandin-endoperoxide synthase 2	4,50	0,000002
BHLHE40	basic helix-loop-helix family member e40	4,38	0,000000
PLAU	plasminogen activator, urokinase	4,02	0,000000