

Since this is a very extensive table, the format and content has not been edited by ActaDV.

Table SI. Genes significantly differentially expressed between IL-22-treated vs. untreated cells (IL-22/Ctrl), and between tofacitinib and IL-22 vs. IL-22-treated cells (tofacitinib+IL-22/IL-22). Data are deposited at NCBI Gene Expression (GSE104509)

Gene Symbol	Log ₂ FCH IL-22/Ctrl	Log ₂ FCH Tofacitinib+IL-22/IL-22	Gene Symbol	Log ₂ FCH IL-22/Ctrl	Log ₂ FCH Tofacitinib+IL-22/IL-22
S100A7	0.79	-1.15	RNF152	0.31	-0.28
XAF1	0.31	-1.42	PTGS2	0.18	-0.38
ZNF587	0.96	-0.91	C11orf1	0.20	-0.36
HIST2H3D	0.48	-0.89	LOC100507495	0.35	-0.21
IL20	0.63	-0.75	CYP27B1	0.26	-0.30
BEND6	0.52	-0.64	C1orf112	0.23	-0.32
MRPL33	0.68	-0.47	PDP1	0.19	-0.35
CSF3	0.57	-0.52	BMPER	0.27	-0.28
LOC100509457	0.44	-0.60	SLFN5	0.15	-0.39
LMCD1	0.49	-0.48	THAP5	0.27	-0.27
TEX30	0.42	-0.53	LEPREL1	0.26	-0.27
SCG5	0.48	-0.47	IFI16	0.15	-0.38
LGR5	0.54	-0.39	PRRG1	0.25	-0.28
IFITM2	0.55	-0.40	TRIM21	0.15	-0.37
IL24	0.35	-0.52	PDCD1LG2	0.22	-0.30
TIGD5	0.27	-0.58	CENPM	0.25	-0.26
LOC439949	0.45	-0.40	NCCRP1	0.18	-0.33
COL8A1	0.47	-0.40	CD47	0.21	-0.29
THAP2	0.46	-0.37	BCL3	0.17	-0.30
LOC730091	0.29	-0.55	GPX7	0.23	-0.23
STK19	0.36	-0.48	VPS29	0.25	-0.22
MMP3	0.36	-0.47	TMEM14B	0.24	-0.22
PION	0.37	-0.40	NPM3	0.24	-0.22
CAPNS2	0.29	-0.47	HSPBP1	0.21	-0.25
IL7R	0.43	-0.32	JUNB	0.13	-0.32
SCML1	0.35	-0.39	TMEM139	0.24	-0.21
NPR1	0.33	-0.40	PLK3	0.14	-0.30
IL1RAP	0.24	-0.46	BOK	0.28	-0.15
TGM1	0.31	-0.38	KCNK1	0.32	-0.12
PLA2G4E	0.29	-0.39	LOC100216545	0.10	-0.33
CARD17	0.44	-0.24	SLC25A28	0.18	-0.25
MEST	0.35	-0.32	FLNB	0.20	-0.23
NRG1	0.35	-0.30	SQRDL	0.22	-0.20
CCT6P1	0.31	-0.35	FAM83F	0.21	-0.21
MIR21	0.27	-0.37	SLC35C1	0.26	-0.17
TRAF2	0.35	-0.28	C2orf18	0.22	-0.19
EFCAB2	0.32	-0.31	IPO5	0.19	-0.21
CMAHP	0.24	-0.36	SERPINB1	0.16	-0.24
C16orf74	0.37	-0.22	SLC39A11	0.27	-0.12

Gene Symbol	Log ₂ FCH IL-22/Ctrl	Log ₂ FCH Tofacitinib+IL-22/IL-22	Gene Symbol	Log ₂ FCH IL-22/Ctrl	Log ₂ FCH Tofacitinib+IL-22/IL-22
TCOF1	0.20	-0.20	PROSER1	-0.16	0.11
IFT57	0.19	-0.20	WDR20	-0.06	0.22
IL4R	0.18	-0.21	PIK3R1	-0.16	0.13
SNORD14E	0.17	-0.21	TTC3P1	-0.15	0.14
FOXN2	0.17	-0.20	STK36	-0.16	0.14
DLK2	0.18	-0.18	C18orf8	-0.18	0.12
LOC729013	0.09	-0.25	LRRC58	-0.14	0.19
KLF6	0.17	-0.17	MKL2	-0.12	0.21
NTNG1	0.20	-0.14	ARHGAP17	-0.17	0.16
OBFC1	0.23	-0.10	RASSF10	-0.09	0.24
DDX18	0.16	-0.17	RNF103	-0.20	0.15
PSMA1	0.16	-0.17	MAT2B	-0.26	0.09
CCNT2	0.12	-0.20	FXD6	-0.16	0.19
USP39	0.12	-0.20	TAF1D	-0.16	0.20
DLL1	0.12	-0.20	SLC23A2	-0.18	0.18
IVNS1ABP	0.15	-0.16	INPP4A	-0.17	0.20
TBC1D2	0.15	-0.16	ZC3H3	-0.18	0.21
HOOK3	0.16	-0.14	ZCCHC2	-0.22	0.18
HIGD2A	0.19	-0.09	CXCL16	-0.20	0.21
RABL5	0.11	-0.18	PPFIA1	-0.15	0.26
ANAPC4	0.16	-0.13	CLDND1	-0.21	0.20
LAP3	0.07	-0.21	TMOD2	-0.18	0.24
ANXA6	0.09	-0.18	AGSK1	-0.23	0.19
TIMP3	0.17	-0.09	RNU5A-8P	-0.16	0.26
FAM177A1	0.12	-0.13	HIST1H1A	-0.20	0.24
SORBS3	0.18	-0.06	GNAI2	-0.22	0.24
RAD23B	0.08	-0.15	FAM84A	-0.25	0.24
ATP6V1G2-DDX39B	0.08	-0.13	BRAT1	-0.25	0.24
SQLE	0.07	-0.07	CITED2	-0.21	0.28
TUFT1	0.06	-0.04	SALL4	-0.27	0.23
AP1G1	-0.05	0.09	N6AMT1	-0.24	0.27
CAPZB	-0.07	0.11	C17orf99	-0.36	0.14
SNX9	-0.08	0.13	RMND5B	-0.30	0.23
CALR	-0.09	0.13	PHF1	-0.31	0.24
RPL11	-0.07	0.15	CHN2	-0.34	0.20
CCAR1	-0.10	0.13	WIPI2	-0.21	0.33
SRRM1	-0.14	0.09	MPZL3	-0.29	0.27
MFSD1	-0.17	0.08	PNPLA2	-0.33	0.23
HECTD1	-0.12	0.14	RAP2C	-0.23	0.33
TJP1	-0.13	0.14	ZNF192	-0.25	0.32

Gene Symbol	Log ₂ FCH IL-22/Ctrl	Log ₂ FCH Tofacitinib+IL-22/IL-22
KIAA2018	-0.27	0.31
GOLGA6A	-0.33	0.26
MBD5	-0.30	0.30
NSUN5	-0.27	0.36
FTO-IT1	-0.31	0.36
SAMD10	-0.16	0.54
CYP1A1	-0.45	0.31
NMUR1	-0.45	0.30
SLC6A8	-0.38	0.40
LOC100505672	-0.33	0.46
SLC27A5	-0.41	0.38
MBD6	-0.49	0.30
EGR1	-0.37	0.48
KY	-0.46	0.40
MGC45800	-0.32	0.52
ZNF768	-0.36	0.51
UBAP1L	-0.41	0.45
SOCS2-AS1	-0.35	0.53
DDN	-0.47	0.41
PAN3-AS1	-0.37	0.53
MGC16275	-0.32	0.57
ATP6V0E2-AS1	-0.51	0.40
AURKC	-0.41	0.54
KIAA1377	-0.52	0.47
MRPL23-AS1	-0.66	0.32
KISS1	-0.49	0.54
SHROOM1	-0.46	0.59
LOC284014	-0.40	0.66
EGR3	-0.41	0.67
PRPH2	-0.61	0.53
FLJ41733	-0.67	0.49
KRT23	-0.58	0.61
FAM90A20P	-0.72	0.69
MIR1250	-0.98	0.49
RN5S409	-0.64	0.98