

Genes expressed in JAK2 set only	Genes expressed in JAK2V617F set only	Genes in common between JAK2 and JAK2V617F sets
ABAT	BAG2	ACSBG1
ABLIM1	CA2	ADA
AIM1	CCNA2	ADAM28
AKAP12	CD74	ALAS2
ALCAM	CPOX	ALDH2
ALDOA	DPY19L1	ALOX5
AMY1A	HGF	ARID5B
ANK1	HSPA4	ARMCX1
ANXA1	HSPA9	ASNS
ANXA4	HSPD1	ATP8A1
ANXA5	INHBC	ATP8B4
APP	JAK2	ATP9A
APPL1	MIPEP	AUTS2
ATP1B1	MRC1	BAALC
ATP5D	NDUFS1	BACH2
BEX4	NUP62CL	BCL6
BIRC5	POLR3G	BLNK
BRD4	RFC3	C6orf32
BTG1	RHAG	C7orf23
C13orf18	SEPT9	CCNG2
C5orf5	SGPP1	CCR2
C6orf48	SUCLG2	CD200
CASP1	SUCLG2	CD34
CD24	SUCLG2	CD36
CD302	TFAM	CD52
CDKN1B	TRIM10	CD9
CEP68	TSR1	CD93
CLK1	TXN	CDC42EP3
CLK4		CECR1
CSGALNACT		CLEC2B
CUGBP2		CLEC4A
DDX39		CSTA
DEPDC6		CX3CR1
DPPA4		CXCR4
DPYSL2		CYFIP2
ELK3		DNTT
EMP2		DPYD
EPB41L3		ERG
EPB42		EVI2A
EPX		EVI2B
ERAF		FGL2

F2RL1		FHL1
FCER1A		FLI1
FUBP1		FLJ23356
GAB2		FNBP1
GAL		FRY
GARNL4		GABARAPL
GPR172A		GALNAC4S;
GUCY1B3		GARS
HBBP1		GIMAP6
HBG1		GLIPR1
HBG2		GMPR
HCN3		GYPA
HIST1H2AC		HBA1
HLA-DRA		HBA2
HLA&-DRB1		HLA-B
HMBS		HLA-DMA
HMG3		HLA-DMB
HOPX		HLA-DPA1
HSD17B11		HLA-DPB1
IFITM2		HLA-DQA1
IGFBP7		HLA-DQB1
IL18		HLA-DRB4
IMP4		HLA-E
KCNH2		HOXA9
KLF1		ICAM3
LAT		ID2
LGALS2		IFI16
LITAF		IRF8
LMNA		KBTBD11
LMO4		KCTD12
LPIN1		KIAA0125
LRRFIP1		KIAA0485
LTB		KLF4
LY86		LAT2
LYST		LEF1
MAFB		LEPR
MAFF		LGALS1
MAP7		LOC727942
MCM4		LPXN
MDFIC		LXN
MICALL2		LY75
MLLT11		LY96
MS4A2		MME
MYCL1		MNDA
N4BP2L2		MYCN
NAP1L3		NA

NRIP1		NDRG1
NUDT4		PAX5
PALLD		PIK3CD
PLCL2		PLAC8
PLEK2		PLCB1
PLS3		PMP22
POPDC3		POU2AF1
PRDX2		PRG2
PRPF19		PROM1
PSMB8		PROS1
PSME3		PSCDBP
PTGER2		PSD3
PTPN7		PSMB9
PTPRC		PTGER4
QKI		PTPRE
RAB27A		PXDN
RAB31		RHCE
RASA4		RPL37A
RASSF2		RTN1
RCBTB2		S100A8
RFTN1		SELL
RNASE6		SEPT6
RRAGD		SERPINB1
RUVBL2		SORL1
S100A6		SOX4
SAT1		SPARC
SCHIP1		SPINK2
SCRN1		SPRED2
SERTAD2		SPTBN1
SFRS18		ST3GAL6
SLC43A3		TCF7L2
SLC4A1		TLE4
SLC6A8		TM4SF1
SWAP70		TNS1
TCF4		TRAF3IP3
TFEC		TRIM22
TIMM44		VIM
TIPARP		XYLT1
TMEM123		
TNFSF4		
TRIM34		
TUBA1A		
TUBB		
TUBB2A		
TUBB2C		
TUBB3		

TUBB6
TUBG1
UPF3A
WIPF1
YPEL5
ZEB2
ZFP36L1
ZNF167
ZNF238