

SUPPLEMENTARY TABLE S1 B

CML PRIOR TREATMENT BONE MARROW VS CML POST TREATMENT BONE MARROW (Set B)									
UP REGULATED GENES									
XIST	PRDX4	CISD1	CCNE2	U2SURP	SLC11A2	CPOX	TAL1	MIS18A	YTHDC2
CDC42SE1	GYP A	PTCD3	ETV6	GSPT2	CNOT9	LRCH3	PIP5K1B	SLC6A8	RECQL
IGKC	FAM13A	SSBP3	BLNK	METTL18	JADE1	RHAG	TPGS2	ZNF529	PARVB
SMPDL3A	PCOLCE2	CYP1B1	HNRNPA1	AHSP	HMOX1	FKBP11	PURA	PRDM1	HGF
CRIP1	KDSR	FABP5	HAUS6	DPYSL2	B4GALT1	GYPB	TCL1A	FASTKD3	SUN1
JCHAIN	IGLV1-44	PHF10	GZMK	GZMA	TRAK2	CMAHP	ZNF654	MCUR1	ARHGEF12
FOXO1	E2F8	SRD5A3	TF	KLF1	SLC7A1	SLC26A2	TMEM97	SMAD1	SELENBP1
EI24	TNS3	DCLRE1C	BCAT1	DDHD2	TRMT11	TPM1	RAC1	TUBB6	UROS
POU2AF1	AMMECR1	IGLL1	COA1	FHL1	MCM4	CCR1	LRRC8B	SLCO3A1	ST3GAL1
FAM3C	IFI6	SAMHD1	SDC2	PYROXD1	TNFRSF17	THRAP3	STRN3	SHCBP1	CYTL1
RAPGEF6	DCTN2	TJP2	LSM5	CCDC88A	ARID5B	ARL15	DONSON	RABGAP1	TGFBR3
RIN2	SPOP	CXCL12	MPHOSPH9	TOP1	RNF24	KIF11	LRP8	CLCN3	GPR171
MS4A4A	NMU	SLC4A1	MAP4K3	RNF125	ELK3	COQ3	CALD1	ITGB1BP1	PLCL1
CD1D	VCAM1	PF4V1	SNCA	SRSF8	RFX2	OLFM4	MRGBP	EVL	EOGT
TNS1	CBX3	FUBP3	TUBB1	PIK3R1	NEK2	ATP1B1	AIDA	HMBS	NSMAF
VCAN	HLA-DQB1	LRRFIP1	LMNB1	PBK	TPK1	REXO2	NRGN	ALDH5A1	MRPL15
LUC7L3	TSPAN13	TNFSF10	CCL2	ITK	HOPX	TYMP	NSMCE4A	PSAT1	DNTT
MINPP1	IGHM	KIF14	GALNT2	MMD	HNRNPL	LDLR	TFR2	GUF1	NCAPG
TUBB2A	NACC2	CD8A	MTA1	FGF13	RBM26	CYP2R1	UROD	RCN1	ACTL6A
PEBP1	DARS	DAAM1	RORA	SRSF6	SERPINB9	PROM1	ECT2	SNTB2	
CD36	HLA-DPA1	TBC1D9	AQP3	ACSL6	THBS1	SPIDR	SDC4	SLC25A37	
EMP1	CCL5	IGHD	GLUD1	SP3	RFXAP	MGAT2	GINS1	CCR2	
CSPP1	EPCAM	IL27RA	GNG11	FOXC1	MPL	ECI2	SMCO4	TMEM267	
MPHOSPH9	IGF2BP2	ATP6V1C1	MAN1A1	ZBTB20	IGLL3P	HSPE1	SPARC	DOCK10	
IGLC1	CCNJ	GAS2L1	MFSD6	RDH11	MYLK	SAC3D1	LBH	ARHGAP5	
INHBA	HPSE	PSMD12	CXCL3	CCL7	ATR	DENND4C	ARMCX5	NUP62	
MS4A6A	SF3A2	HMG5	WWOX	CETN3	SHQ1	PHKB	CD163	TUBG1	
CML PRIOR TREATMENT BONE MARROW VS CML POST TREATMENT BONE MARROW (Set B)									
DOWN REGULATED GENES									
HIPK2	SNRPA1	SRSF5	SPIN1	TFE3	PPM1A	SLC35D1	TMCC1	ZCCHC2	MARCKS
EGR1	PIAS1	NUMA1	PTGS2	WDR11	FOXO3	GSN	KDM4B	RHOH	CLINT1
PNISR	NUP58	VEZF1	C1orf56	TACC1	SQSTM1	EDEM3	LCP2	NFKB2	MCL1
STAG2	MAZ	SF3B1	PLAGL1	KDM2A	MFN2	NGLY1	RASA2	CXCL8	
MBD4	PIK3CG	HCG18	ZFP36L2	CALR	RPS4Y1	UBE2D3	CDC42	ADAM8	
ELK4	PLEC	PTGER4	TMEM59	COL4A3BP	ZNF292	SET	COCH	RPL37A	
FLI1	ITPKB	BBX	CSNK1A1	ATG16L1	RHOB	SATB1	UGCG	ELL	
NRIP3	DSTYK	SLC2A5	CYBA	SP1	SRSF3	BAZ2A	DYNC1LI2	ATP6V1A	
ABHD2	PGK1	TOB2	EPX	RNASET2	NRIP1	PXN	DCUN1D1	ANXA1	
USP9X	DYNC1H1	MKLN1	EHD1	RYBP	FLOT2	RAB14	YME1L1	CHD2	
ZFYVE16	YWHAE	ACTR2	BRD2	CRIPT	IL1A	H2AFY	TNFRSF100	OSBPL8	
SLA	U2AF1	ZNF814	CEPT1	DICER1	PGS1	SAMSN1	UBE2B	LNPEP	
SYK	CEP350	DDX3Y	RIT1	GADD45B	POLR2E	SPAG9	PDK3	IGF1R	
CYTH1	ELOVL5	PRKCI	QSER1	ATP2A3	ADGRG3	EML4	DUSP1	DNAJC3	
ATF6	CDK6	DMXL2	ROCK1	ZNF551	FAM76A	PLEK	WTAP	PPP1R12A	
ZNF91	UBA6	NR4A3	TRA2A	MED13L	MORF4L2	DOCK5	TBC1D5	PLEKHB2	
PMAIP1	ZFP36L1	SORT1	POLDIP3	ZFAND6	ZNF493	SEC14L1	ARHGDI A	PRPF38B	
RIN3	TOX4	EIF1AY	PSMB7	RBM39	TTPAL	ZNF106	IFNGR1	TRIB1	
CDAN1	FBRS	MYO9B	GPATCH2L	NFAT5	PCNX1	SSH1	ITCH	FPR1	
CCNT1	CYB5R3	YTHDF3	ZFAND5	CPNE3	RPS27	PTPRC	HIPK1	TOB1	