

1 Supplementary Table 1:

2

	UPENN Collection ID#	FAB or WHO	Cytogenetics	Flt3	Sample type
	2522	M4	NA	ITD	Pheresis
	1255	M5	NA	WT	Pheresis
	1751	M5a	46,XY,t(3;9)(p14;p21)[20]	WT	Pheresis
	2293	M4	46, XY	ITD	Pheresis
	1892	NOS	46, XY	WT	Pheresis
	2339	NOS	NA	WT	Pheresis
	990	Inv16	NA	WT	Pheresis
	1956	M4	47,XX,+8[8]/46,XX[14]	ITD	Pheresis
	1245	M4	46, XY	ITD	Pheresis
	1566	M5a	NA; FISH +7q31	WT	Pheresis
	2471	NOS	NA	ITD	PB-MNC
	2863	2ndary#	NA	WT	PB-MNC
	2943	NOS	NA	ITD/D835*	Pheresis
	983	M5a	46, XY	D835	Pheresis

3