

Patient ID	Gender	Age	Sample Source		Blast%		Enrichment		Time between Dx and Re
			Dx	Re	Dx	Re	Dx	Re	
s220 AET1-ETO	Male	57	BM	BM	90%	NA	CD34	CD34	~ 10 months
s914 AML1-ETO	Male	31	BM	BM	30%	NA	CD34	CD34	~ 10 months
s232 FLT3-ITD*	Male	53	BM	BM	80%	90%	CD34	CD34	~ 8 months
s292 FLT3-ITD	Male	50	BM	BM	90%	60%	CD34	CD34	~ 14 months
s2275 FLT3-ITD*	Male	33	BM	BM	95%	95%	CD34	CD34	~ 10 months
s3432 FLT3-ITD*	Female	66	BM	BM	95%	91%	CD33	CD34	~ 12.5 months

* Treated with FLT3-ITD inhibitor: Midostaurin

Patient ID	Cell number after QC		Counts per cell (Mean)		Features per cell (Mean)	
	DX	Re	DX	Re	DX	Re
s220 AML1-ETO	576	929	5 112	4 856	2 042	1 939
s914 AML1-ETO	314	688	4 713	4 411	1 951	1 851
s232 FLT3-ITD	249	123	2 653	3 289	1 278	1 497
s292 FLT3-ITD	324	152	4 224	3 261	1 726	1 380
s2275 FLT3-ITD	309	281	3 530	3 681	1 328	1 457
s3432 FLT3-ITD	509	1 158	2 895	3 956	1 299	1 563

BM: Bone Marrow; NA: not available