

AML	Marrow #	Age (5F 8M, median 53)	CD3%	CD34 IHC	overall cellularity	flow CD34	CD3 description
PE-1	1	45	30-40%	5-10% overall, focal areas up to 20%	less than 5%	ND	scattered
PE-1	2	46	60-70%	7%	5-15%	less than 1%	Diffuse interstitial infiltrate
PE-3	1	64	~10%	30%	50-60% (variable 10-80%)	19%	scattered
PE-3	2	64	~10%	25%	40-60%	36%	scattered
PE-4	1	62	~15%	30-40%	80-90%	28% (hemodiluted)	scattered with focal small aggregation
PE-4	2	62	~15%	80%	30-40%	84%	scattered with focal small aggregation
PE-7	1	38	15-20%	40-50%	60% (variable 30-80%)	ND	scattered with focal small aggregations
PE-7	2	39	15-20%	less than 5%	30-40%	0.20%	scattered with focal small aggregations
PE-9	1	66	15-20%	10-20%	60% (variable 60-80%)	ND	scattered
PE-9	2	66	30-50%	less than 1%	5%	less than 0.1% blasts	scattered with focal small aggregations
PE-10	1	53	~10%	50-60%	90-100%	46%	scattered with focal small aggregations
PE-10	2	53	5-10%	20-30% (but extensive CD34-negative dysplastic myeloid progenitors)	over 90%	37%	scattered
PE-11	1	46	15-20%	70%	60-70%	84%	scattered with focal small aggregations
PE-12	1	23	10-15%	40%	40-50%	35%	scattered with focal small aggregation
PE-12	2	23	5-10%	20%	10%	20%	scattered with focal small aggregations
PE-13	1	68	10-15%	35-40%	70% (variable 20-90%)	13% but markedly hemodilute	scattered with focal small aggregation
PE-13	2	69	15-20%	80-90%	80%	44%	scattered with focal large aggregate
PE-14	1	50	5-10%	less than 5% (but 60-70% CD34-negative abnormal cells)	60% (variable 20-80%)	blasts are CD34 negative	scattered
PE-14	2	50	<5%	less than 5%	50-70%	no abnormal blasts	scattered
PE-17	1	68	20-30%	60%	variable 30-90%	55%	scattered with focal large aggregation
PE-17	2	68	20%	60-70%	60%	50%	scattered with focal large aggregation
PE-18	1	30	5-10%	10-20% (blasts are partial 26% positive for CD34)	60-70%	8% with minimal hemodilution	scattered
PE-18	2	30	20-30%	less than 5%	30%	0.30%	scattered with focal large aggregation
PE-19	1	62	5-10%	40-50% by CD117	50% (variable 5-80%)	38% CD34- blasts	scattered
PE-19	2	63	10%	10% by CD117	5-10%	9%	scattered

Healthy donor	Age (9F 6M, median 56)	CD3%	CD34 IHC	overall cellularity	flow CD34	CD3 description
	59	20%		40% (variable 10-50%)		scattered with focal large aggregation
	47	10-15%		30-40%		interstitial
	60	10%		30-40%		scattered with focal small aggregation
	41	15-20%		70%		scattered with focal small aggregation
	50	10%		50-60%		interstitial
	43	15-20%		ND		scattered with focal large aggregation
	84	10-15%		20% (5-30%)		scattered with focal small aggregation
	57	5-10%		50%		scattered
	50	10%		20-30%		interstitial
	58	10%		50-60%		scattered with focal small aggregation
	67	20%		10-35%		scattered with focal large aggregation
	58	15%		50%		scattered with focal small aggregation
	56	10-15%		30-50%		scattered with focal small aggregation
	24	10-15%		30-70%		interstitial
	46	15-20%		40-60%		scattered with focal small aggregation