

	Primary Sample 1	Primary Sample 2
<b>Patient Characteristics</b>		
Age	82	62
Gender	Male	Female
<b>Tumor Characteristics</b>		
Diagnosis	AML with monocytic differentiation	AML (therapy-related)
Diagnostic tissue	Peripheral blood	Bone marrow
Involvement by Leukemia (%)	43	6
Immunophenotype		
Positive	CD45 (dim), HLA-DR, CD56 (subset), CD13, CD33, CD15, CD14 (variable), CD11b (subset), CD64	N/A
Negative	CD34, CD117	N/A
Karyotype	Normal (46,XY)	46,XX, t(1;16)(p32;p13.1), t(8;21)(q22;q22)
Molecular abnormalities	FLT3, NPM1, TET2 mutations	None detected
Prior AML therapy	Hydroxyurea x 3 days	None

### Supplementary Table 1

Clinical characteristics of primary AML samples studied with a serial SMR array.