Supplemental Figure 1. The (2*R*,4*R*)-stereochemistry is critical to avocadyne's ability to induce FAO inhibition and AML cytotoxicity. (A) Structures of the 4 stereoisomers of avocadene. (B) Viability of TEX and AML2 treated with 10 μ M of an avocadene stereoisomer for 72 hours, analyzed with flow cytometry. (C) Intact cell respiration of TEX and AML2 treated with 10 μ M of an avocadene stereoisomers. For (B, C), data is presented as mean ± S.D., *p<0.05, **p<0.01, ***p<0.001 using an unpaired, one-tailed, student's *t*-tests or ANOVA were calculated in GraphPad Prism 7.0.

Supplemental Figure 2. Cytogenetics of AML patient IDs used in this manuscript.