



**Extended Data Figure 3. C/G-CB cells cultured with ECs recapitulate the immunophenotype and morphology of C/G fusion positive AML. a.** Expression of the RAM immunophenotype in C/G-CB cells after 6 weeks in EC co-culture or MC. **b.** Quantification of CD41/CD42 subsets at indicated timepoints in EC co-culture or MC. **c.** Morphological evaluation of the C/G-CB cells cultured with ECs or in MC for 9 weeks showed features of megakaryocytic differentiation, including open chromatin, prominent nucleoli, and abundant focally, basophilic and vacuolated cytoplasm with cytoplasmic blebbing.