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The chromatin-remodeling factor CHD4 is required for maintenance of  
childhood acute myeloid leukemia

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Contributions: Y.H. designed and performed experiments, analyzed data and wrote the manuscript. G.T. helped with cloning of vectors and cell growth assays. A.H. helped with analysis of RNA-Seq data and the shRNA screens. S.K. helped with the design, flow cytometry analysis and sorting of primary cells. J.B. cloned and designed the inducible gRNA and shRNA vectors. E.K.D optimized the conditions for maintenance of primary cells. A.K. established RNA-seq method, generated the RNA-seq libraries and analyzed data. D.C. helped with the CRISPR-Cas9 experiments. R.M. supervised establishment of RNAseq method, analyzed data and provided input. M.A. designed the gRNA and shRNA vectors and provided input in the project. H.Q. helped to design the studies, analysis of the experiment and supervision of Y.H.. J.W. Conceived the project, supervised the study, analyzed the data, interpreted result and wrote the manuscript. All authors participated in editing of the manuscript.