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ARHGEF12 regulates erythropoiesis and is involved in erythroid regeneration after chemotherapy in acute lymphoblastic leukemia patients

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Contributions: Yangyang Xie, Li Gao, and Shuhong Shen conceived and designed the study. Li Gao and Liming Chu performed the zebrafish experiments. Yangyang Xie, Li Gao ,Ruichi Wu and Ting Liu performed genomics, cell biology experiments and acquired the clinical data. Chunhui Xu, Lei Gao and Yu Liu performed bioinformatics analysis. Yangyang Xie, Li Gao, Yi Zheng and Shuhong Shen drafted the manuscript. Yong Zhou , Jingyan Tang ,Xiaojian Sun, Ruibao Ren , Yi Zheng and Shuhong Shen critically revised the manuscript for important intellectual content. All authors reviewed the manuscript.