

Description of Additional Supplementary Files

Supplementary Data 1

Association of abnormal expression of Regnase-1 (ZC3H12A) mRNA and prognosis of cancer patients

Supplementary Data 2

List of primer and Oligonucleotide sequences.

Supplementary Data 3

Result of RNA-seq analysis of CD34⁻ HSCs from Vav1-iCre; Reg1^{flox/flox} mice (KO) and control Reg1^{flox/flox} mice (Control).

Supplementary Data 4

The gene sets identified by RNA-seq analysis used for the gene ontology analysis in Figure 2j.

Supplementary Data 5

RNA-seq data in Figure 5g,h

Pre-defined gene sets which are related to leukemia used for the gene set enrichment analysis in Figure 5g,h.

Supplementary Data 6

Summarized results of gene set enrichment analysis in Figure 5g,h.