Supporting Information

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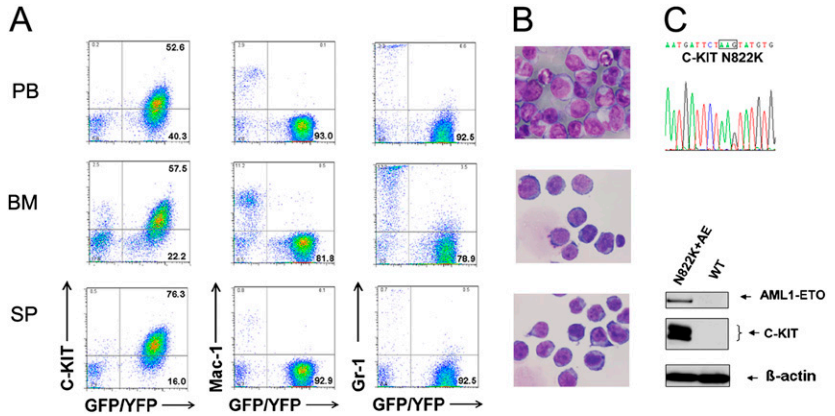

Fig. S1. AE and HyC-KIT N822K cooperate to induce a transplantable AML in mice. Immunophenotype analysis (*A*) and morphological analysis (*B*) of hematopoietic cells from representative diseased secondary recipients. Blood smear (PB) and cytocentrifugation of bone marrow (BM) and spleen (SP) were stained with Wright-Giemsa solution. (*C*) Expression of AE and HyC-KIT N822K in leukemic cells from AE+HyC-KIT N822K mice. The *N822K* mutation in the *HyC-KIT* cDNA was confirmed by sequencing the RT-PCR products. Expression of the human *AE* transcripts was verified by RT-PCR using fusion site-specific primers. Whole-cell protein lysates from splenocytes were analyzed by immunoblotting with anti–c-Kit or anti–β-actin antibody.