**Supplementary Data**

**SUPPLEMENTARY FIG. S1.** Representation flow cytometric analyses of donor cell engraftment 8 weeks after primary transplantation as described in Figure 4.

**SUPPLEMENTARY FIG. S2.** Representation flow cytometric analyses of donor cell engraftment 20 weeks after primary transplantation as described in Figure 4.

**SUPPLEMENTARY FIG. S3.** Representation flow cytometric analyses of donor cell engraftment 12 weeks after secondary transplantation as described in Figure 5.

**SUPPLEMENTARY FIG. S4.** Representative flow cytometric analyses of apoptosis in the progeny of Lin⁻c-kit⁺ Sca1⁺ (LKS⁺) cells after ex vivo expansion as described in Figure 6A.