Supplemental Tables 1-4

Table S1. Jeko, SP53 and Z138 MCL cells ($5x10^3$) were cultured in PHA-LCM methylcellulose medium, and the numbers of colonies were counted a week later. SDF-1 (200 ng/ml) or AMD3100 (40 mM) or AMD3100 with SDF-1 were added during culture.

Table S2. MCL cells ($5x10^3$) were cultured in PHA-LCM medium with human bone marrow stromal cells, HS27a, or SDF-1 neutralizing antibodies (100 mg/ml). In some experiments, MCL cells were also cultured using stromal cells for 24 hours and collected for the colony forming assays.

Table S3. Decreased quiescent PKH-positive cell recovery in vivo upon CXCR4 silencing. GFP-positive CXCR4 shRNA MCL or control shRNA cells ($5x10^5$) were labeled using the fluorescent dye PKH26 and injected into NOD/SCID mice to evaluate engraftment. Mice were sacrificed after 48 hours, and the cells were isolated from the osteoblastic and vascular niches of the bone marrow and spleens.

Table S4. Decreased quiescent PKH-positive cell recovery in vivo upon Beclin1 silencing. GFP-positive Beclin1 shRNA MCL or control shRNA cells were labeled using the fluorescent dye PKH26 and injected into NOD/SCID mice to evaluate engraftment. Mice were sacrificed after 48 hours, and the cells were isolated from the osteoblastic niche and vascular niches of the bone marrow and spleens.