**Supplementary Figure Legends**

**Supplementary Figure S1.** A) Comparison of NFIC levels in BMNCs among AML patients with PML-RARα (n=16), AML1-ETO (n=10), and MLL-AF9 (n=4) fusion genes, as well as healthy controls (n=10). B) Progression-free survival analysis of NFIC in AML. \*\*\*p < 0.001 vs. the first group.

**Supplementary Figure S2.** Effects of knocking down NFIC on the apoptosis of BMMNCs. A) NFIC gene expression levels in BMMNCs after knocking down NFIC (n = 3). B) Apoptosis rates of BMMNCs after knocking down NFIC (n=3). \*\*\*p < 0.001 vs. the sh-NC group