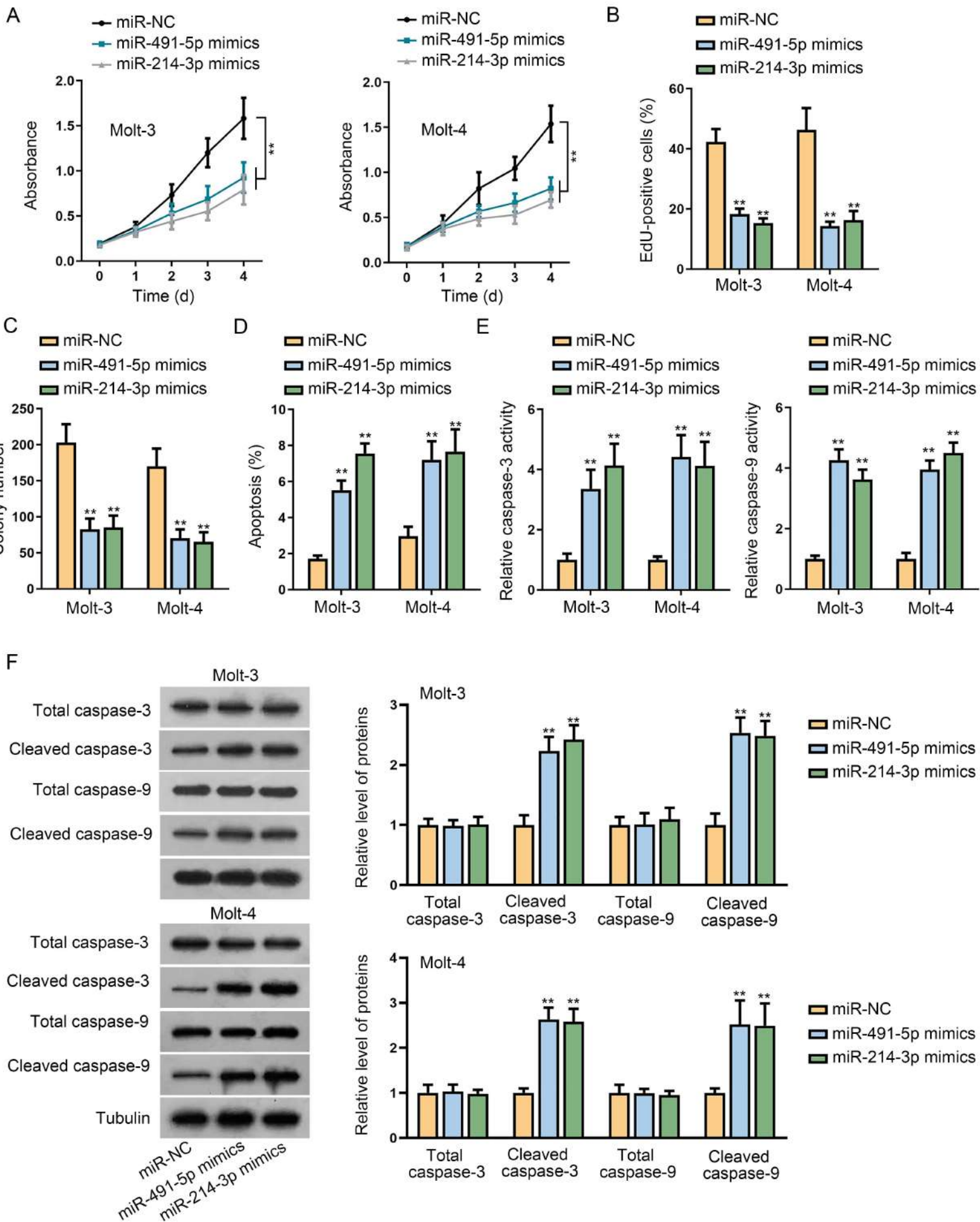
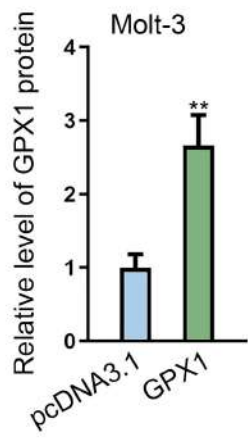


Supplementary Figure 1. A-D. Quantitative histogram of western blots in Figures 1B (A), 1C (B), 1I (C) and 2E (D), respectively. **P < 0.01.

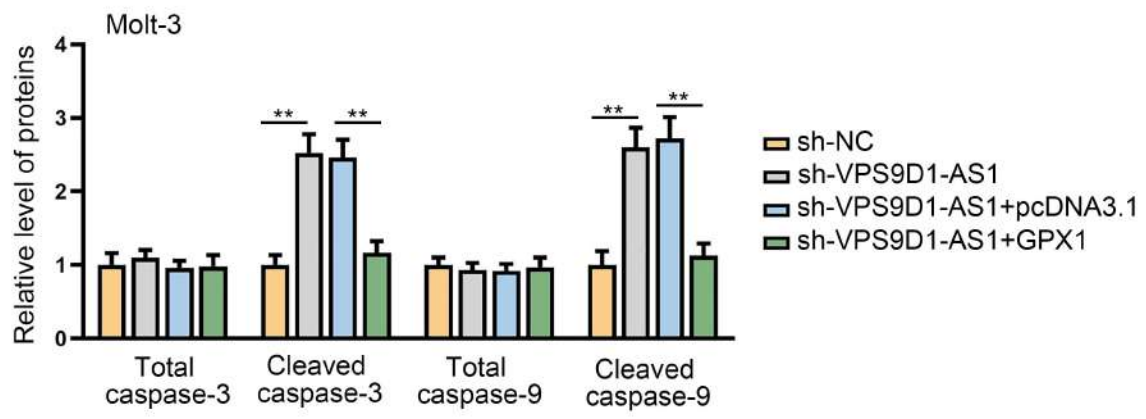


Supplementary Figure 2. A. The viability of ALL cells with overexpressed miR-491-5p or miR-214-3p was detected by CCK-8 assay. B-C. The impact of overexpressed miR-491-5p or miR-214-3p on the proliferation of ALL cells was determined via EdU and colony formation assays. D-E. Cell apoptosis under above conditions was assessed by flow cytometry analysis and caspase-3/9 activity detection. F. Western blot examined the level of several apoptosis-related proteins, with corresponding quantitative histograms beside. **P < 0.01.

A

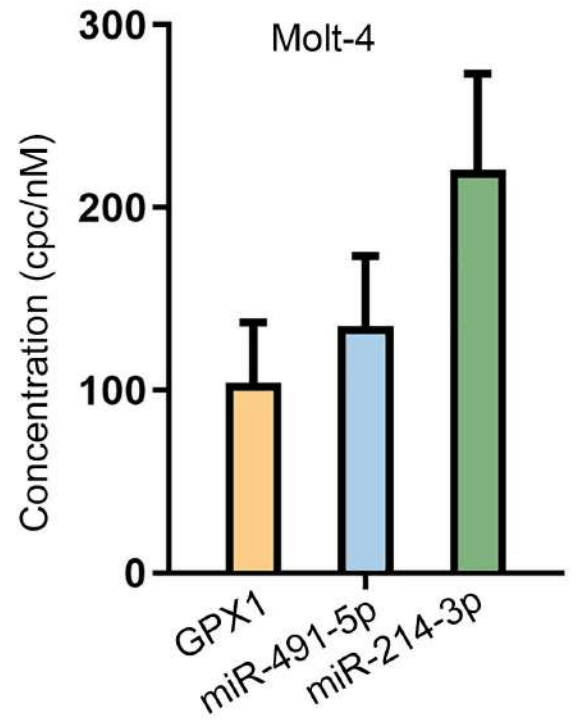
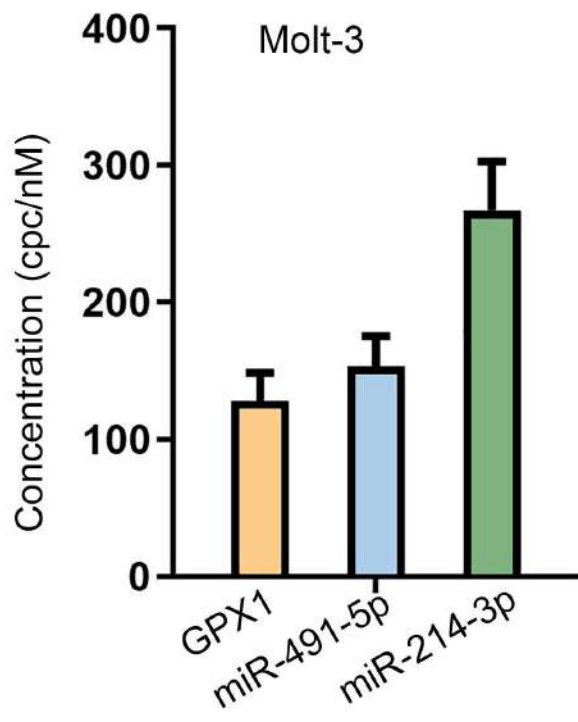


B



Supplementary Figure 3. A. The bar graph of quantified bands in Figure 4A. B. The bar graph of quantified bands in Figure 4G. **P < 0.01.

A



Supplementary file 1. A. The concentration of GPX1, miR-491-5p and miR-214-3p in Molt-3 and Molt-4 cells was determined using External RNA Controls Consortium RNA spike-in standards (Life Technologies).