**Material and methods S1**

**Cell cycle, cell viability and cell proliferation analysis**

Cells were stained with 0.4% trypan blue dye (Sigma T8154) and counted using phase contrast microscopy. For the cell cycle analysis, Jurkat cells were fixed in 4% paraformaldehyde solution and stained with propidium iodide as described previously [[1](#_ENREF_173)]. Cell viability was determined by trypan blue exclusion. Cell proliferation was performed using the Dye eFluor 670 cell labelling (eBioscience, 65-0840) as recommended by the manufacturer. FACS analyses were performed using the FACSCalibur flow cytometer (BD).

**Supporting References**

1. Li X, Gong J, Feldman E, Seiter K, Traganos F, et al. (1994) Apoptotic cell death during treatment of leukemias. Leukemia & lymphoma 13 Suppl 1: 65-70.