Detailed analysis of apoptosis and delayed luminescence of human leukemia Jurkat T-cells after proton-irradiation and treatments with oxidant agents and flavonoids

Supplementary Material

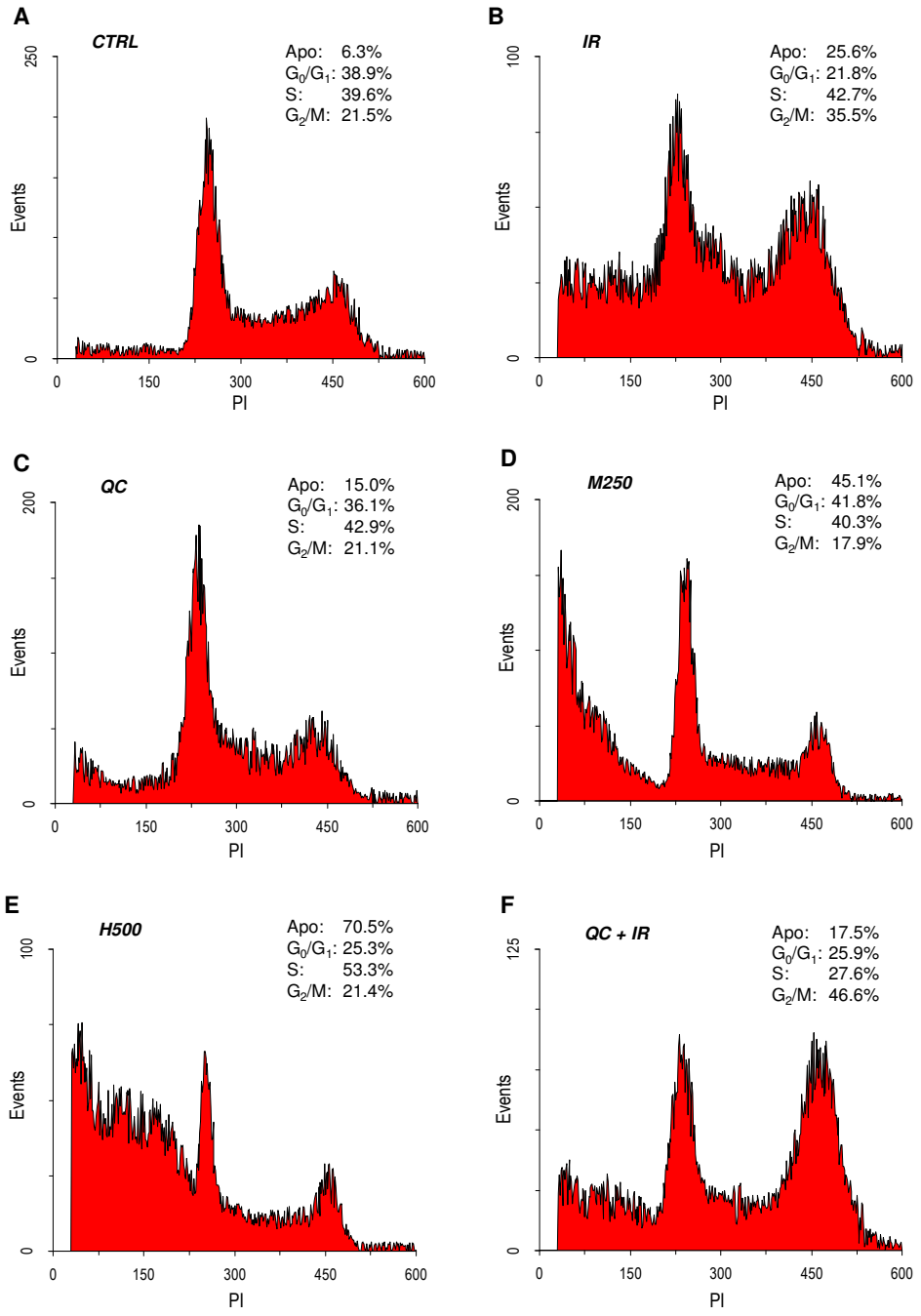

Fig. S1. Representative DNA-content histograms obtained by flow cytometry. After the treatment, cells were collected, fixed and stained with propidium iodide as described in Material and Methods. Percentages of sub-G_0/G_1 (Apo), G_0/G_1, S and G_2/M cells are shown. (**A**) CTRL: Control cells; (**B**) IR: Cells irradiated with 2 Gy of protons; (**C**) QC: Cells treated with 50 µM QC for 1 h; (**D**) M250: Cells treated with 250 µM MD for 20 min.; (**E**) H500: Cells treated with 500 µM H_2O_2 for 20 min.; (**F**) QC + IR: Cells pre-treated with 50 µM QC for 1 h and then irradiated with 2 Gy of protons. Histograms in B-F were recorded 48 h after the treatment.