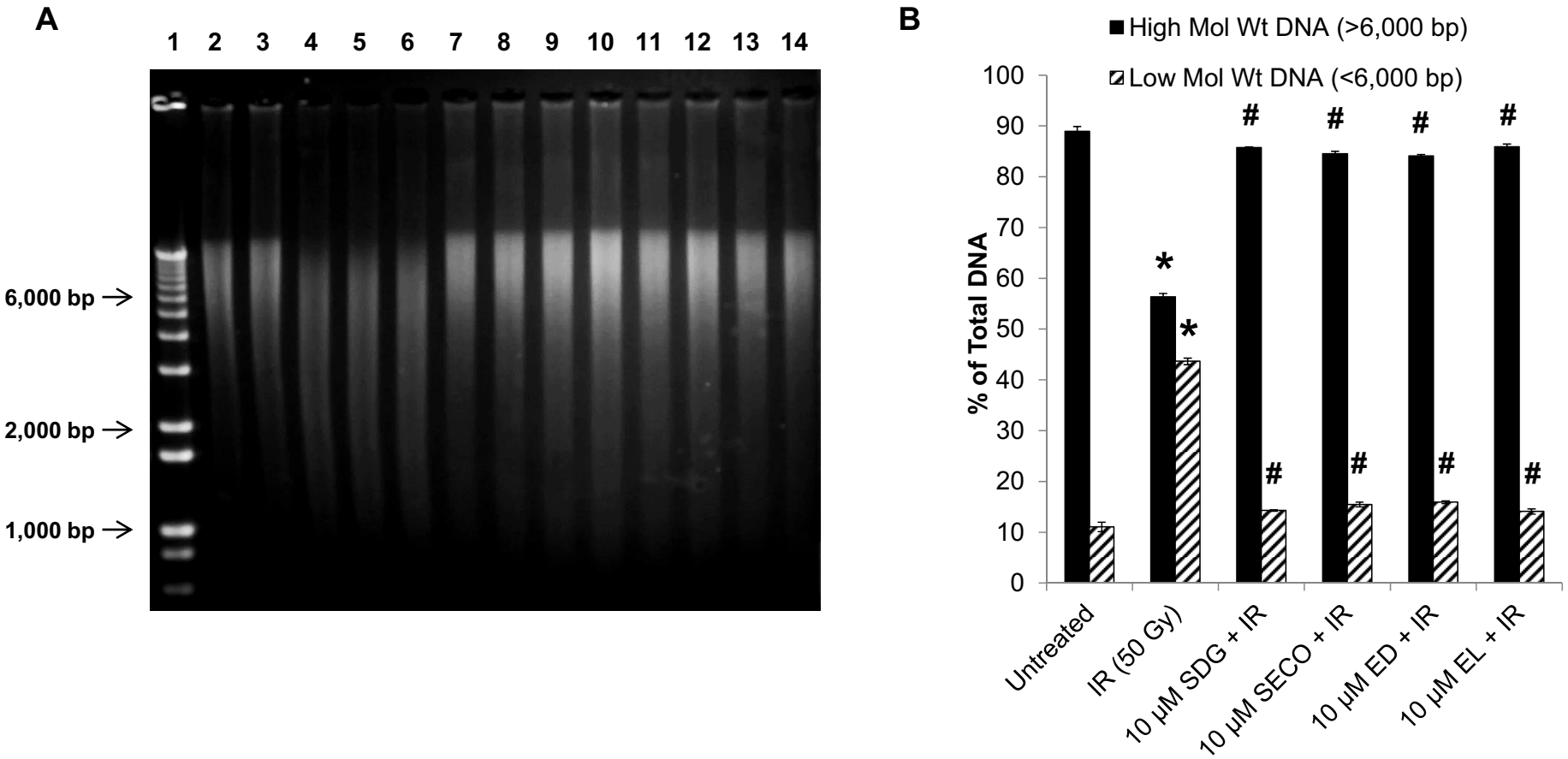

Supplemental Figure 1

Supplemental Figure 1: Effect of SDG, SECO, ED and EL on γ radiation-induced calf thymus DNA fragmentation.

All samples were exposed to a γ radiation dose of 50 Gy. SDG, SECO, ED and EL were used at 10 μM concentration. In Figure A - representative agarose gel scans of calf thymus DNA after exposure to 50 Gy in the presence of 10 μM SDG, SECO, ED and EL are shown. Lane 1 – 1 kb DNA standard ladder, lanes 2 and 3 – untreated DNA, lanes 4, 5 and 6 – IR 50 Gy, lanes 7 and 8 – SDG, lanes 9 and 10- SECO, lanes 11 and 12- ED, and lanes 13 and 14 - EL. In Figure B - High and Low molecular wt DNA forms are presented as percent of total DNA. For each condition, all samples were run in duplicates. The data is presented as mean ± standard deviation. $P<0.05$ was considered significant. * shows the significant difference as compared to untreated DNA. # shows the significant difference as compared to samples exposed to 50 Gy alone.