В



С



Figure S1

LPA and dhS1P, related to S1P do not protect endothelial cells apoptosis and GI track from radiation (A) Apoptosis of HMEC-1 treated 2 h with 1 μ M S1P, dhS1P or LPA prior to 15 Gy. Death evaluation was made 24 h later by cell counting assay (Mean±SD; n = 3 independent experiments; *: p<0.01, ns: non-significant difference vs. 15 Gy). (B) Survival curves of C57Bl/6 mice receiving vehicle (\blacksquare), dhS1P (\blacklozenge) (100 μ g/injection) or LPA (\bullet) (63 μ g/injection) 30 min before and 5 min after 15 Gy WBR. Number in parentheses indicates animals per group. (C) H&E-stained sections of duodenum and femur obtained from agonal breathing animals treated by 15 Gy WBR with or without dhS1P or LPA. Scale Bar: 250 μ m.