Figure S5. Effect of VRK1 depletion on the nuclear fluorescence associated to the acetylation of histone H4 in lysine 16 (H4K16ac) induced by olaparib, IR or their combination in A549 (TP53+/-) cells deprived (0.5%) of serum. A left. Effect of siControl (siC) on A549 cells treated with different doses of olaparib, IR or their combination on nuclear H4K16ac fluorescence. A right. Effect of siVRK1 on A549 cells treated with different doses of olaparib, IR or their combination on the acetylation of histone H4 in lysine 16. B. Quantification of the effect of VRK1 depletion on the increase of nuclear H4K16ac fluorescence induced by DNA damage. C. The immunoblot shows the effect of VRK1 depletion on its protein level. ns: not significant. *** p < 0.001.