



Figure S1. The accumulation of 8-oxoG DNA lesions induced by hydrogen peroxide in A549 lung adenocarcinoma cells is independent of the presence of serum. **A.** Immunofluorescence of A549 cells treated with hydrogen peroxide in the presence of serum (top) or absence (bottom) after depletion of VRK1. The boxes indicate the individual cell shown in the left side panel. **B.** Quantification of the levels of 8-oxoG shown in part A. **C.** immunoblot showing the depletion of VRK1. *** $p < 0.001$. siCt: control; siV-02: siVRK1.02; siV-03: siVRK1-03. NT: non treated. The experiment was independently performed three times.