



Figure S6. Effect of VRK1 knockdown on γ H2AX foci formation after TMZ and olaparib treatments in LN-229. **A.** Left. Effect of siControl on γ H2AX foci formation induced by TMZ, olaparib and their combination. **A.** Right and down. Effect of siVRK1-02 and siVRK1-03 on γ H2AX foci formation induced by TMZ, olaparib and their combination. Scale bar= 15 μ m. **B.** Quantification of the effect of VRK1 depletion on γ H2AX fluorescence per nuclear area. Fifty cells per condition were quantified. *** $P < 0.001$. **C.** Western blot showing the effect of VRK1 depletion in cell extracts. β -actin was used as load control.