



Supplementary Figure 3. ATM deficiency upregulates LDHA to promote CRPC progression. **(A)** Western blot showing the knockdown of LDHA expression by using siRNAs in both CWRR1/Ctrl and CWRR1/ATM-KO cells. **(B)** Intracellular ROS production was detected with DCFDA fluorescence and monitored by flow cytometry at 24 hours post-transfection with siCtrl or siLDHA. *Left*, median fluorescent intensity. *Right*, the representative image of histograms of ROS. **(C)** Cell viability of CWRR1/Ctrl and CWRR1/ATM-KO cells transfected with either siCtrl or siLDHA was determined by MTS assay at the indicated time points ($n = 3$ replicates). ** $p < 0.01$ by two-tailed Student's t -test.