

Supplementary Table S1. Summary of GOF vs. LOF activities of p53(A347D) in U2OS cells

Loss-of-Function	Gain-of-Function
WT p53 chromatin binding profile	Mutant p53 chromatin binding profile
WT p53 transcriptional activity	Aberrant mitochondrial morphology
Tumorigenicity in xenograft models	Hypersensitivity to certain chemotherapeutic agents
	Increased glycolysis
	Increased growth in 2D culture conditions