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SUPPLEMENTARY ONLINE DATA

Drp1 stabilizes p53 on the mitochondria to trigger necrosis under oxidative stress conditions *in vitro* and *in vivo*

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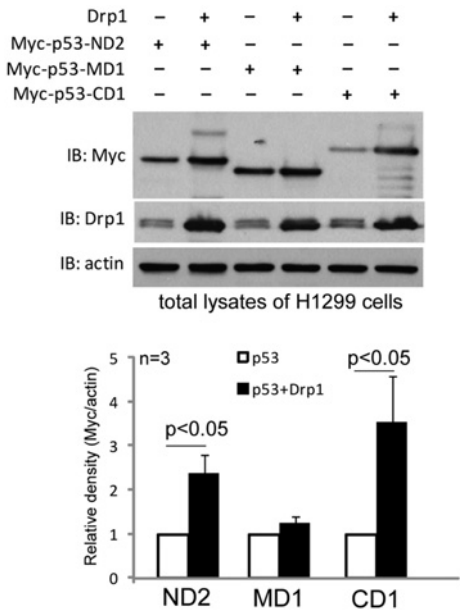

Figure S1 Drp1 expression did not induce an increase in the protein level of p53-MD1 deletion mutant

H1299 p53-null cells were transfected with the indicated plasmids. Western blot analysis of total lysates was determined with the indicated antibodies. Actin was used as a loading control. Quantification results are means±S.D. for three independent experiments. IB, immunoblot.

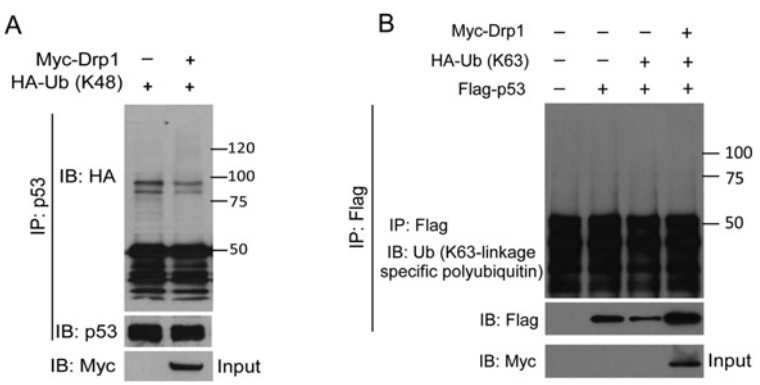

Figure S2 Drp1 expression did not induce either Lys[48]- or Lys[63]-linked polyubiquitination of p53

MCF7 cells were transfected with the indicated plasmids. Ubiquitinated p53 was determined using the indicated antibodies. The blots are representative of three independent experiments. Molecular masses are indicated in kDa. IB, immunoblot; IP, immunoprecipitation; Ub, ubiquitin.

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Table S1 Primers used in the present study

Name	Sequence (5′→3′)
Mouse-p53-F	CCCCTGTCATCTTTTGTCCCT
Mouse-p53-R	AGCTGGCAGAATAGCTTATTGAG
Mouse-GAPDF-F	TGGCCTTCCGTGTTCCTAC
Mouse-GAPDH-R	GAGTTGCTGTTGAAGTCGCA

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