

Supplementary Material

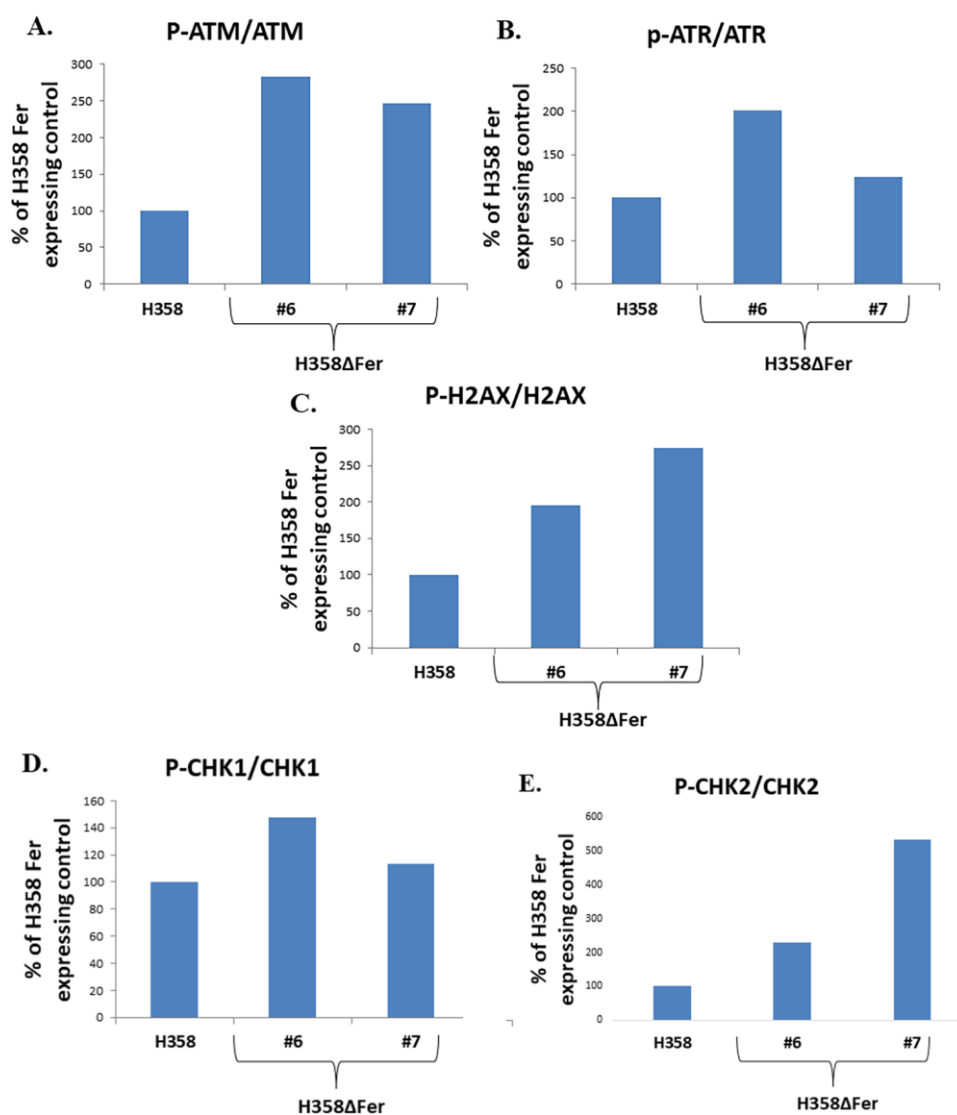


Figure S1 . Presentation of phospho/pan ratio of the checked DDR proteins in H358 and H358ΔFer cells. [A] P-ATM/ATM, [B] P-ATR/ATR, [C] P-H2AX/H2AX, [D] P-CHK1/CHK1, and [E] P-CHK2/CHK2. These results represent one out of three independent experiments which gave similar results.

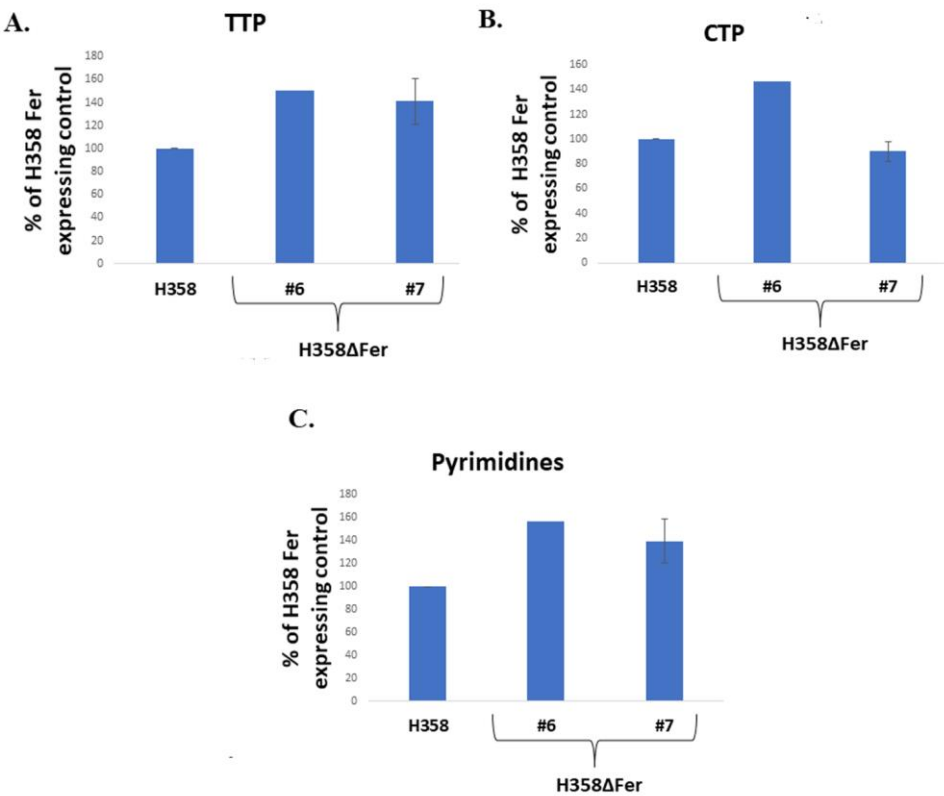


Figure S2.S1. similar pyrimidine levels in H358 and H358ΔFer cells. [A] LC-MS analysis of TTP, and [B] CTP in H358 and H358ΔFer cells, grown in the absence of glucose. [C] Total TTP+CTP levels.

7

8
9
10

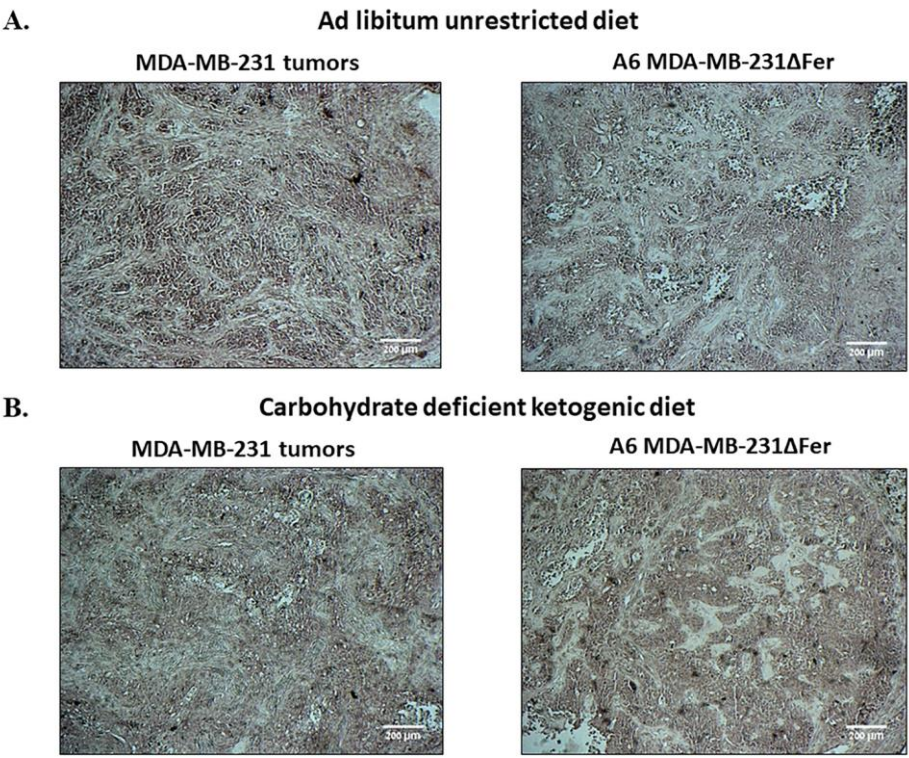


Figure S3 . Hematoxylin and eosin staining of MDA-MB-231, and MDA-MB-231ΔFer (clone A6) sections, derived from tumors in mice fed with [A] ad libitum un-restricted diet, or [B] a carbohydrate deficient ketogenic diet. Scale Bar: 200 μm.

11
12
13
14
15
16