

SUPPLEMENTAL DATA (Yang et al.)

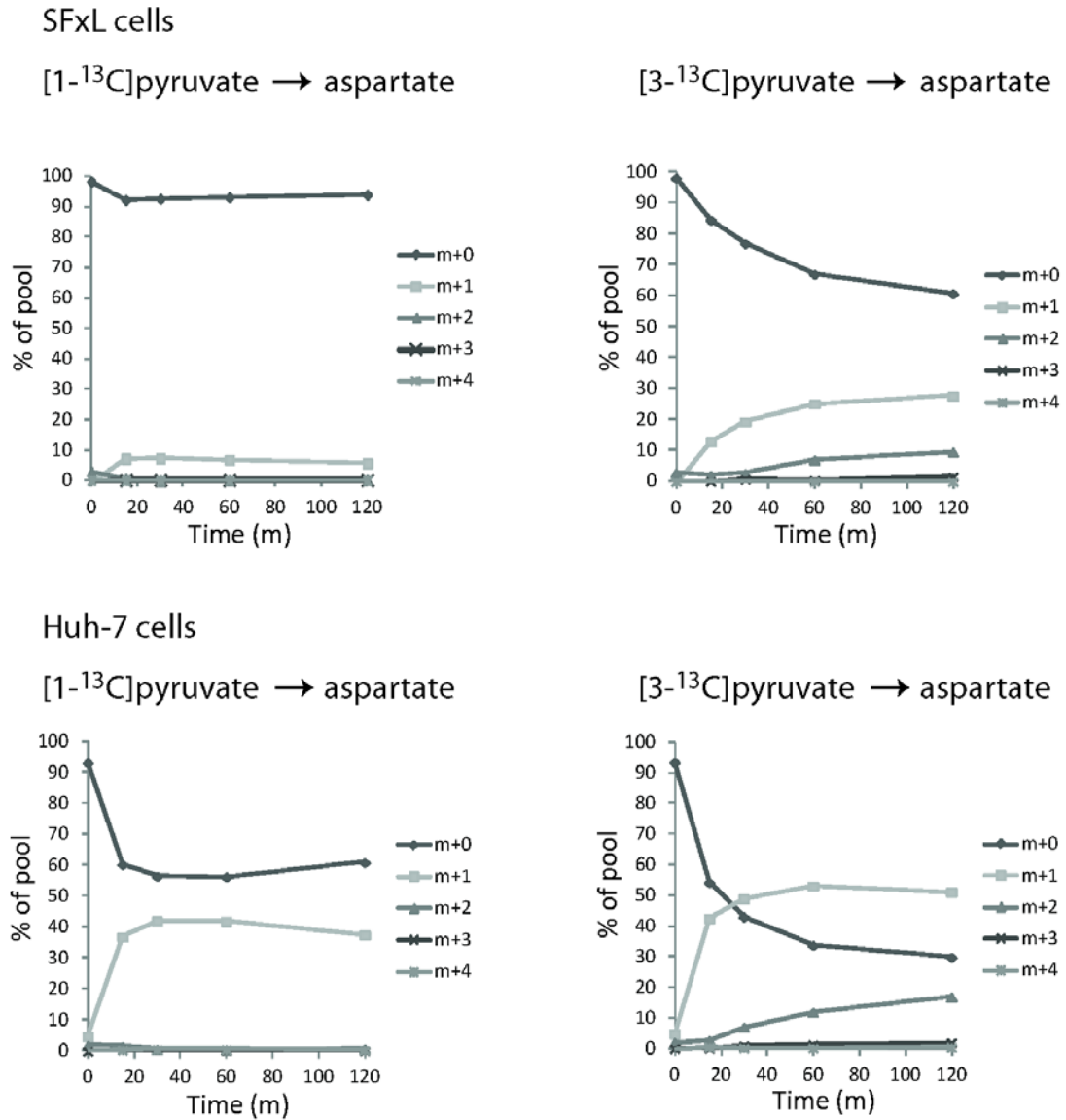


FIGURE S1: Aspartate labeling in SF_xL and Huh-7 cells. Labeling of aspartate was monitored by GC/MS in cultures of SF_xL and Huh-7 cells containing [1-¹³C]pyruvate or [3-¹³C]pyruvate. These cultures are the same as those used to monitor labeling in citrate in Figure 2.

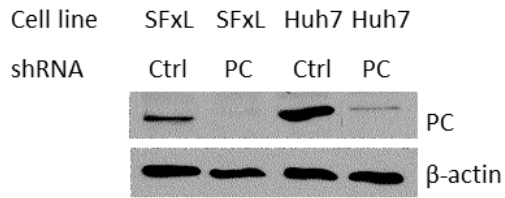
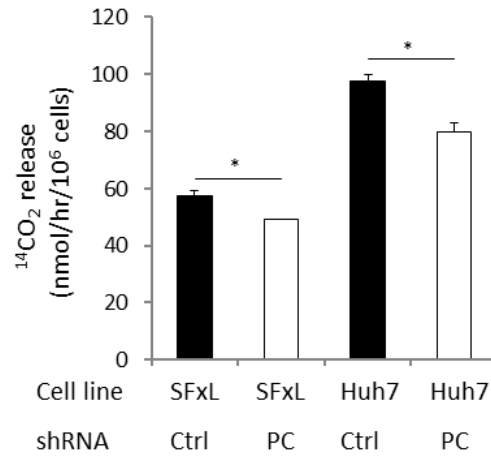
A**B**

FIGURE S2: Pyruvate carboxylase contributes to $^{14}\text{CO}_2$ release from $[1-^{14}\text{C}]$ pyruvate. A. Western blot of SFxL and Huh7 cells expressing a non-targeting shRNA or an shRNA against pyruvate carboxylase (PC). Lentiviral shRNAs were described in (24). B. $^{14}\text{CO}_2$ release in the absence and presence of the PC shRNA. Data are the average and S.D. of three incubations. *, $p < 0.05$