



Fig S2. Nrf2 ablation has no effect tumor adjacent liver tissues histone acetylation. (A) Immunoblotting determined the levels of histone AcH3, AcH3K9 and AcH3K27 in the nuclear extracts of tumor adjacent normal liver tissues of *Nrf2*^{+/+} and *Nrf2*^{-/-} mice aged 36-week post-DEN treatment. Quantitation represents the ratio of acetylated histone to total histone H3. Data represent mean ± SD (n=4-5 mice each genotype). (B) Levels of acetyl-CoA, CoASH and ratio of acetyl-CoA:CoASH in tumor adjacent liver tissues of *Nrf2*^{+/+} and *Nrf2*^{-/-} mice. Data represent as mean ± SD (n=6 mice per group).