

Supplementary Figure S1. The morphology and basic function of liver between young and aged mice. (A) The photos of young (2m) and aged (24m) mice liver. (B) The whole liver and the body were weighted. The ratio of liver and body weight was calculated (n=3). (C) Serum alanine aminotransferase (ALT) and total bilirubin (TB) of young (2m) and aged (24m) mice was tested by ELISA (n=6, \* p < 0.05). (D) Quantitative Real-time PCR showed the expression levels of Trp53, Cdkn1a and Cdkn2a between 2m and 24m liver tissues (n=9, \*\*\* p < 0.001). (E) Western blot showed the expression of p53, p21 and p16 in 2m, 6m, 12m, 18m and 24m liver tissues.