Figure S1.

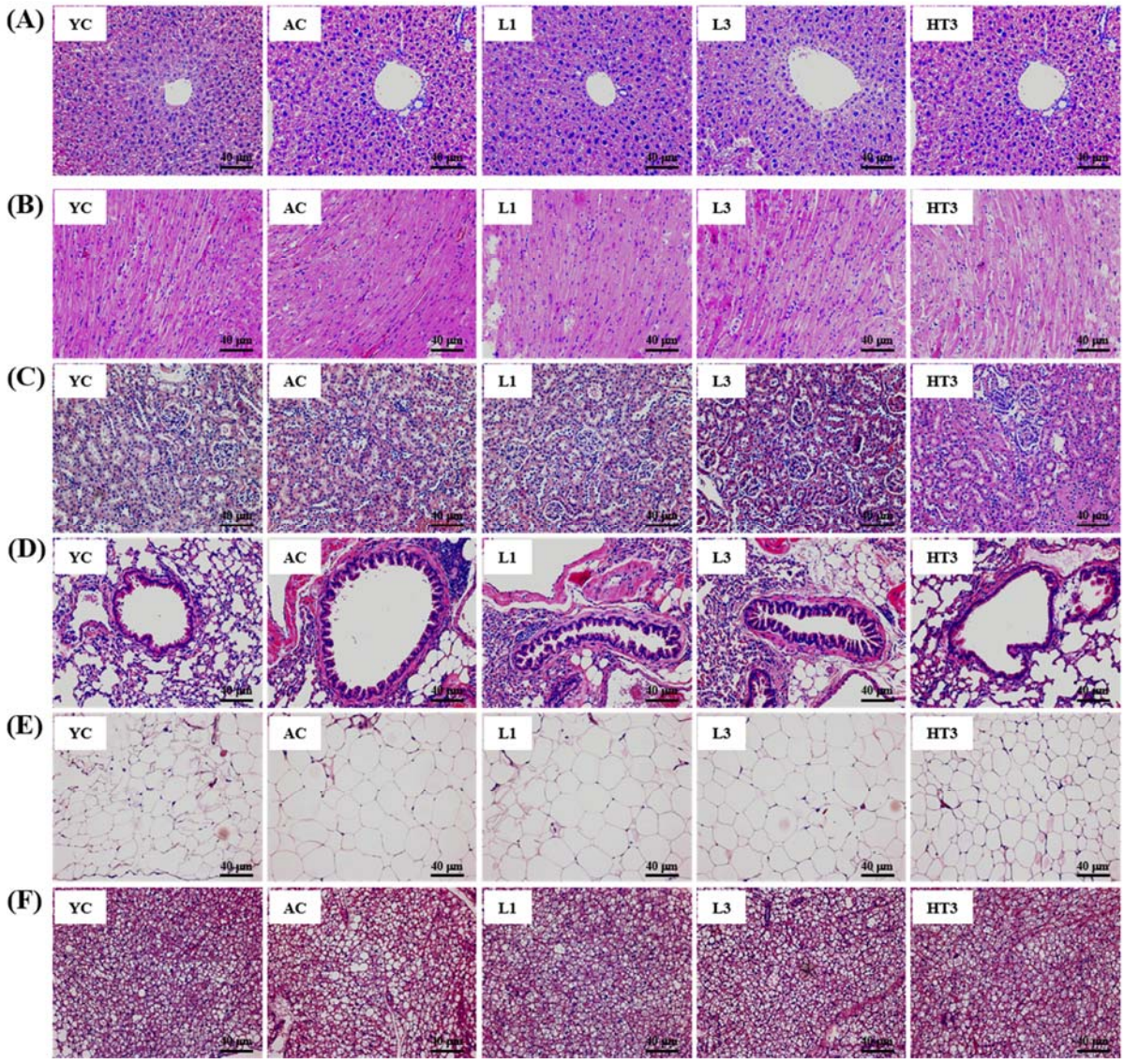


Figure S1. Organ histology. Representative histological appearance of major organs and adipose tissues after 12 weeks of live or heat-treated Lacticaseibacillus paracasei NB23 supplementation in young and naturally aged mice. Representative hematoxylin and eosin-stained sections are arranged from top to bottom as follows: (A) liver, (B) heart, (C) kidney, (D) lung, (E) epididymal fat pad, and (F) brown adipose tissue. Columns from left to right represent YC, AC, L1, L3, and HT3. Images are provided for descriptive histological assessment; no quantitative or semiquantitative histopathological scoring was performed. Scale bars = 40 μm. YC, young control; AC, aged control; L1 and L3, aged mice receiving live NB23 at the 1× and 3× doses, respectively; HT3, aged mice receiving heat-treated NB23 at the 3× dose; EFP, epididymal fat pad; BAT, brown adipose tissue.