

Table S2. Metabolic parameters in the serum of control, *ulk1 ulk2*-cDKO, *atg14*-cKO, and *rb1cc1*-cKO mice at 2 months.

Metabolite	Control	<i>ulk1 ulk2</i> -cDKO	Control	<i>atg14</i> -cKO	Control	<i>rb1cc1</i> -cKO
Albumin (g/dL)	3.3 ± 0.3 (n = 11)	3.2 ± 0.1 (n = 7)	3.3 ± 0.1 (n = 8)	3.1 ± 0.1 (n = 7)	3.1 ± 0.1 (n = 10)	3.2 ± 0.2 (n = 8)
Alk Phos (U/L)	134.8 ± 13.1 (n = 11)	160.9 ± 21.4 (n = 7)	113.5 ± 13.0 (n = 8)	125.5 ± 7.7 (n = 7)	90.0 ± 8.1 (n = 10)	108.1 ± 17.1 (n = 8)
Amylase (U/L)	2984 ± 571 (n = 11)	3187 ± 415 (n = 7)	2735 ± 127 (n = 8)	2796 ± 140 (n = 7)	2901 ± 196 (n = 10)	2649 ± 216 (n = 8)
Cholesterol (mg/dL)	126 ± 21 (n = 11)	106 ± 4 (n = 7)	125 ± 16 (n = 8)	173 ± 43 (n = 7)	159 ± 32 (n = 9)	159 ± 23 (n = 8)
HDL (mg/dL)	55.3 ± 6.6 (n = 10)	66.5 ± 5.2 (n = 7)	66.6 ± 4.1 (n = 8)	75.1 ± 6.0 (n = 7)	66.6 ± 4.8 (n = 10)	72.4 ± 9.2 (n = 8)
LDL (mg/dL)	5.9 ± 0.5 (n = 10)	6.2 ± 0.6 (n = 7)	5.2 ± 0.7 (n = 8)	6.3 ± 0.7 (n = 7)	5.8 ± 0.4 (n = 10)	6.9 ± 1.1 (n = 7)
Uric acid (mg/dL)	2.12 ± 0.27 (n = 11)	2.86 ± 0.47 (n = 7)	2.36 ± 0.53 (n = 8)	2.29 ± 0.45 (n = 7)	2.62 ± 0.26 (n = 10)	2.68 ± 0.32 (n = 8)
Glucose (mg/dL)	179.9 ± 13 (n = 11)	159.4 ± 9 (n = 7)	203.7 ± 13 (n = 8)	215.1 ± 12 (n = 7)	234.7 ± 15 (n = 10)	216.5 ± 10 (n = 8)

Abbreviations: Alk Phos, alkaline phosphatase; HDL, high-density lipoprotein; LDL, low-density lipoprotein