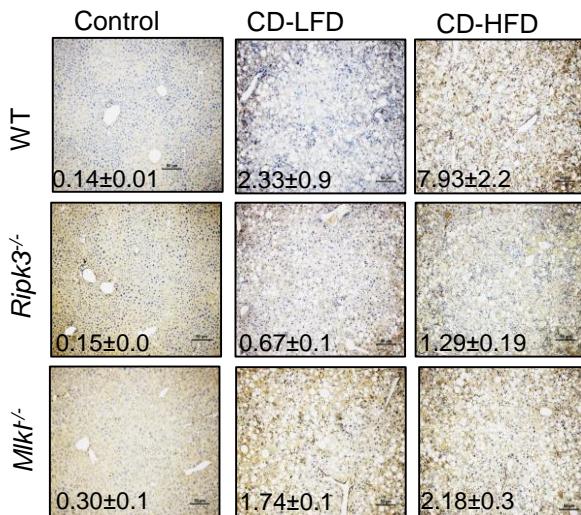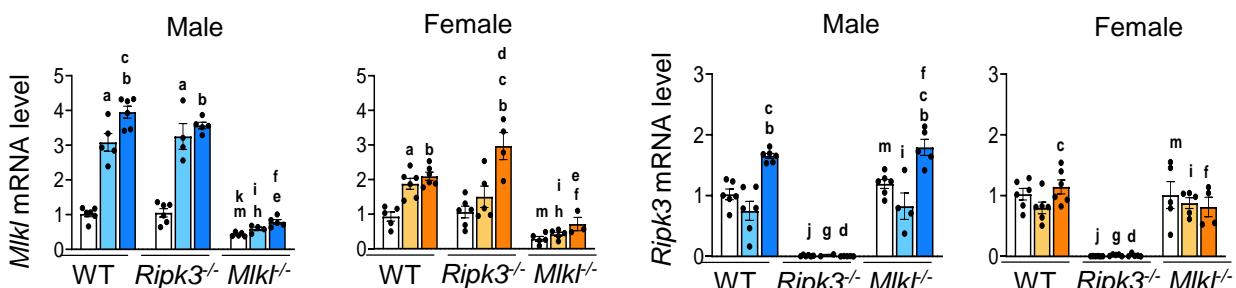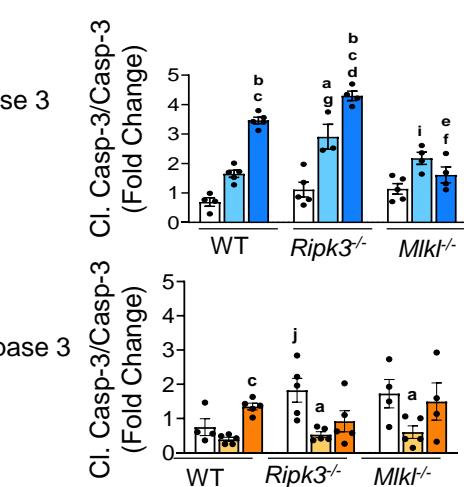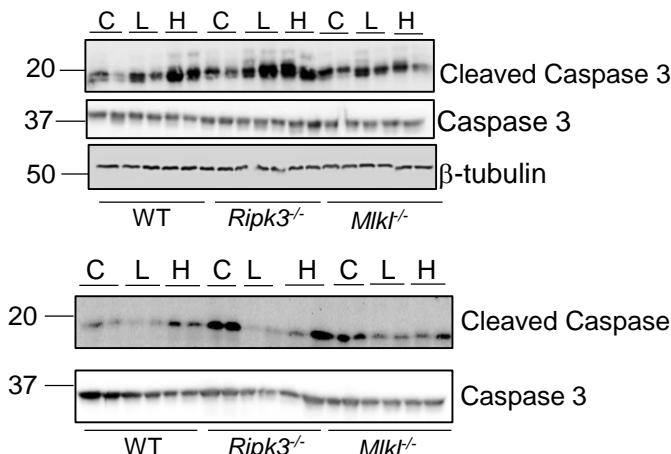**FIGURE S1**