

**Fig. S1.** Schematic view and genotyping analysis of *Bmal1* KO mice.

(A) Schematic view of the gRNA locus for *Bmal1* KO mice. (B) Genotyping analysis of *Bmal1* KO mice shows three genotyping: WT(*Bmal1*<sup>wt/wt</sup>), *Bmal1* heterozygote mice (*Bmal1*<sup>wt/-</sup>) and *Bmal1* KO mice (*Bmal1*<sup>-/-</sup>).