



Supplementary Figure 7. Pups born from knockout sperm pretreated with wild-type Ace-t. The pups appeared normal and were all heterozygous for *Ace* knockout allele. Genotyping of mice was described elsewhere³³. +/+, wild-type; +/-, heterozygote for *Ace* knockout allele; -/-, homozygote for *Ace* knockout allele (*Ace* knockout mouse).