



Additional file 5. Expression analyses of sense and antisense transcripts of *Acaa1b*

(A) Schematic illustration of *ACAA1* and *DLEC1* in humans. (B) Mouse orthologous partners, *Acaa1b* and *Dlec1*. (C) Microarray signals and Northern analysis for sense expression of *Acaa1b* in NIH3T3 cells, brain (Br), liver (Li), kidney (Ki), and testis (Te). (D) Microarray signals and RT-PCR analysis for antisense transcript expression. Expression level denotes normalized gene expression level with *Gapdh*. (E) *in-situ* hybridization experiment results for antisense expression in seminiferous tubules and kidney. Negative control experiments used probe sequence selected from *Oryza sativa* putative leaf protein (NM_197207). Scale bars: 100 μ m.