**A**

UCSC Genome Browser on Mouse (GRCm38/mm10) Assembly

![Gene expression visualization](image)

- **Mouse mRNAs from GeneBank**
- **FL-Irs-1**
- **s5'-Irs-1**
- Tissues: Cerebellum, Brain, Heart, Liver
- Cells: Fibrocyte, Fibroblast, Erythroblast

**B**

AK137314

![Expression levels](image)

- **Expression levels** for AK137314 in various tissues and cell lines.
Supplementary Figure S1. Expression of *Irs-1* transcript variants

(A) Representative scheme of *Irs-1* transcript variants in UCSC genome database (mouse mRNAs from GenBank, CpG islands and RNA-Seq signal data). FL-*Irs-1* mRNA is indicated by red squares. Specific region of s5′-*Irs-1* mRNA is indicated by an orange square. Exon 2-derived transcripts are indicated by blue squares. Primer sets for qPCR analysis are shown by red arrows.

(B) Expression levels of AK137314 transcript encoded in the intron 1 in the indicated mouse tissues, proliferating C2C12 myoblasts (GM, growth medium) and differentiating C2C12 myotubes (DM4, differentiation medium for 4 days). Mean ± SD, n=4.