

**Title:** Supplementary Data File 1.

**Description:** Quantification of total RNA expression in WT, autosomal-Cas9, and SGyA adult ♂ whole body at 3-4 days old. Both raw read counts and normalized TPM values are included.

**Title:** Supplementary Data File 2.

**Description:** Two-factor comparison between autosomal Cas9 and WT.

**Title:** Supplementary Data File 3.

**Description:** Two-factor comparison between SGyA and WT.

**Title:** Supplementary Data File 4.

**Description:** List of model and intervention parameters.