

# Resource Summary Report

Generated by [kravitz2](#) on Aug 23, 2026

## F344-Angptl8<sup>em1Kyo</sup>+/-

RRID:RGD\_127345124

Type: Organism

### Proper Citation

RRID:RGD\_127345124

### Organism Information

**URL:** <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=127345124>

**Proper Citation:** RRID:RGD\_127345124

**Description:** Rattus norvegicus with name F344-Angptl8<sup>em1Kyo</sup>+/- from RGD.

**Species:** Rattus norvegicus

**Notes:** This line #1 Angptl8 heterozygous rats were generated using the CRISPR/Cas9 system containing two guide RNAs (gRNAs) targeting exons 2 and 3 in the rat Angptl8 gene. A mixture of transcribed Cas9 and gRNAs was microinjected into F344/Stm rat zygotes [National BioResource Project rat number: 0140) provided by the National BioResource Project for the Rat in Japan. Two lines of rats heterozygous for Angptl8 (lines #1 and #2). Male and female Het rats were intercrossed to obtain homozygous Angptl8 KO rats. Rats were genotyped by PCR with the following primers, 5'-CATCTGTTGAGCAGGCAGAA-3'(sense) and 5'-GTTCAGTGGTGGCTTCCTTC-3' (antisense) for line #1. A 7-bp deletion mutation was identified in line #1. [National BioResource Project for the Rat in Japan](#)

**Catalog Number:** 127345124

**Background:** mutant

**Database:** Rat Genome Database (RGD)

**Database Abbreviation:** RGD

**Availability:** Unknown

**Alternate IDs:** 127345124

**Organism Name:** F344-Angptl8<sup>em1Kyo</sup>+/-

**Record Creation Time:** 20230509T191951+0000

**Record Last Update:** 20260815T190719+0000

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## Ratings and Alerts

No rating or validation information has been found for F344-*Angptl8*<sup>em1Kyo+/-</sup>.

No alerts have been found for F344-*Angptl8*<sup>em1Kyo+/-</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Rat Genome Database (RGD)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.