

Resource Summary Report

Generated by [kravitz2](#) on Aug 5, 2026

F344-Angptl8^{em2Kyo}/-

RRID:RGD_127345125

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=127345125>

Proper Citation: RRID:RGD_127345125

Description: Rattus norvegicus with name F344-Angptl8^{em2Kyo}/ - from RGD.

Species: Rattus norvegicus

Notes: This line #2 Angptl8 knock out (KO) 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'-GGGTGAGCAAAGCTGACCTA-3' (sense) and 5'-GAGTAAACCCACCAGGCTCA-3' (antisense) for line #2. A 980-bp deletion in the ANGPTL8 gene was identified in line # 2, resulting in a premature termination codon. [National BioResource Project for the Rat in Japan](#)

Catalog Number: 127345125

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 127345125

Organism Name: F344-Angptl8^{em2Kyo}/ -

Record Creation Time: 20230509T191951+0000

Record Last Update: 20260801T194048+0000

Ratings and Alerts

No rating or validation information has been found for F344-*Angptl8^{em2Kyo}*^{-/-}.

No alerts have been found for F344-*Angptl8^{em2Kyo}*^{-/-}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We have not found any literature mentions for this resource.