

# Resource Summary Report

Generated by [NIF](#) on Sep 19, 2026

## OLETF

RRID:RGD\_61014

Type: Organism

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### Proper Citation

RRID:RGD\_61014

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### Organism Information

**URL:** <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=61014>

**Proper Citation:** RRID:RGD\_61014

**Description:** Rattus norvegicus with name OLETF from RGD.

**Species:** Rattus norvegicus

**Notes:** Developed by Kazuya Kawano, Otsuka Pharmaceutical Co., Tokushima, Japan from Long-Evans outbred stock in 1982. A rat with spontaneous polyurea, polyphagia and polydipsia was found in a colony of outbred Long Evans rats purchased from Charles River in 1982. Selective breeding for diabetes with brother x sister mating was subsequently started at the Tokushima Research Institute, Otsuka Pharmaceutical Co., Japan to develop this strain Otsuka Long-Evans Tokushima fatty (OLETF). A deletion of 6847 bases in length in the Cckar gene of the OLETF was identified compared to the wild type gene of the LETO gene sequence'

**Catalog Number:** 61014

**Background:** inbred

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

**Database Abbreviation:** RGD

**Availability:** Unknown

**Alternate IDs:** 61014

**Organism Name:** OLETF

**Record Creation Time:** 20230509T191927+0000

**Record Last Update:** 20260919T201813+0000

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## Ratings and Alerts

No rating or validation information has been found for OLETF.

No alerts have been found for OLETF.

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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.