

Resource Summary Report

Generated by PRECISE-TBI on Jul 31, 2026

OLETF

RRID:RGD_61014

Type: Organism

Proper Citation

RRID:RGD_61014

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: 20260725T194228+0000

Ratings and Alerts

No rating or validation information has been found for OLETF.

No alerts have been found for OLETF.

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.