

Resource Summary Report

Generated by [dkNET](#) on Sep 17, 2026

F344-Aspa^{em31Kyo}

RRID:RGD_11564346

Type: Organism

Proper Citation

RRID:RGD_11564346

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=11564346>

Proper Citation: RRID:RGD_11564346

Description: Rattus norvegicus with name F344-Aspa^{em31Kyo} from RGD.

Species: Rattus norvegicus

Notes: The TALEN genome editing system was used to generate this mutant rat strain. The TALEN system caused a 14-bp deletion in the exon4 of Aspa gene, as a result created a premature stop codon in the gene. Decreased expression levels of Aspa gene and ASPA protein was observed. Histopatologically, this strain shows vacuole formation in the brain and spinal cord. [National BioResource Project for the Rat in Japan](#)

Catalog Number: 11564346

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Cryopreserved Sperm (as of 2016-11-16)

Alternate IDs: 11564346

Organism Name: F344-Aspa^{em31Kyo}

Record Creation Time: 20230509T191947+0000

Record Last Update: 20260912T202533+0000

Ratings and Alerts

No rating or validation information has been found for F344-Aspa^{em31Kyo}.

No alerts have been found for F344-Aspa^{em31Kyo}.

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.