

Resource Summary Report

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

WKY-Slc39a12^{em77Tja+/-}

RRID:RGD_10401845

Type: Organism

Proper Citation

RRID:RGD_10401845

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=10401845>

Proper Citation: RRID:RGD_10401845

Description: Rattus norvegicus with name WKY-Slc39a12^{em77Tja+/-} from RGD.

Species: Rattus norvegicus

Notes: ZFN mutant founders were backcrossed with WKY/Cruk to get heterozygous offsprings which were intercrossed and offsprings maintained as homozygous and heterozygous breeders. The resulting mutation 77 has a stop codon, 15 amino acids from the ZFN-binding site, that resulted in a 490 amino acids (54 kDa) truncated protein, 198 amino acids smaller than the WT protein.

Catalog Number: 10401845

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 10401845

Organism Name: WKY-Slc39a12^{em77Tja+/-}

Record Creation Time: 20230509T191946+0000

Record Last Update: 20260815T190711+0000

Ratings and Alerts

No rating or validation information has been found for WKY-*Slc39a12^{em77Tja}±*.

No alerts have been found for WKY-*Slc39a12^{em77Tja}±*.

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.