

Resource Summary Report

Generated by [nidm-terms](#) on Aug 10, 2026

SD-Adgrl3^{em1Huyc}

RRID:RGD_127285661

Type: Organism

Proper Citation

RRID:RGD_127285661

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=127285661>

Proper Citation: RRID:RGD_127285661

Description: Rattus norvegicus with name SD-Adgrl3^{em1Huyc} from RGD.

Species: Rattus norvegicus

Notes: The CRISPR/Cas9 system was used to delete exon 3 of the rat Adgrl3 (Lphn3). Two sgRNAs targeting the sequences flanking exon 3 (GTCCCTTGCCAGTACATCTC and CCTAGTGTTGTGTTCTGCTA), Cas9 mRNA with the CRISPR/Cas9 reagents was injected into fertilized eggs. Genotyping of founder rats was confirmed by PCR genotyping using three primers: 1. AAAGGGTCATAGCATCCGGC, 2. CTAACGTGGCTTTTGTCTTCT, and 3. GCTCGACAGACAGTGTGGAT. The WT band occurs at ~320 bp and KO band at ~452 bp.

Catalog Number: 127285661

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 127285661

Organism Name: SD-Adgrl3^{em1Huyc}

Record Creation Time: 20230509T191951+0000

Record Last Update: 20260808T193748+0000

Ratings and Alerts

No rating or validation information has been found for SD-*Adgrl3*^{em1Huyc}.

No alerts have been found for SD-*Adgrl3*^{em1Huyc}.

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.