

Resource Summary Report

Generated by [kravitz2](#) on Aug 3, 2026

SS-Gper1^{em1Bj}/-

RRID:RGD_126848793

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=126848793>

Proper Citation: RRID:RGD_126848793

Description: Rattus norvegicus with name SS-Gper1^{em1Bj}/ - from RGD.

Species: Rattus norvegicus

Notes: CRISPR/Cas 9 was utilized to delete rat Gper1 gene in the one-cell embryos of SS/Jr rats. RNA validation performed via deletion PCR using a sense primer at the 5' end and an antisense primer at the 3' end showed a deletion PCR product of 544 bps versus wild-type PCR product of 1484 bps. The homozygous founders had complete deletion of Gper1 was confirmed by DNA sequencing.

Catalog Number: 126848793

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 126848793

Organism Name: SS-Gper1^{em1Bj}/ -

Record Creation Time: 20230509T191951+0000

Record Last Update: 20260801T194048+0000

Ratings and Alerts

No rating or validation information has been found for SS-*Gper1^{em1Bj}*^{-/-}.

No alerts have been found for SS-*Gper1^{em1Bj}*^{-/-}.

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.