

# Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

## SS-Birc3<sup>m2Mcowi</sup>

RRID:RGD\_1642269

Type: Organism

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### Proper Citation

RRID:RGD\_1642269

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### Organism Information

**URL:** <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=1642269>

**Proper Citation:** RRID:RGD\_1642269

**Description:** Rattus norvegicus with name SS-Birc3<sup>m2Mcowi</sup> from RGD.

**Species:** Rattus norvegicus

**Notes:** Male founders are injected with ENU (N-ethyl-N-nitrosourea) and harem bred to females. The pups are genetically screened using the TILLING assay (an enzyme-based heteroduplex cleavage assay) as well as nucleotide sequencing to identify and characterize target genes possessing ENU-induced mutations. K170E mutation is generated from the codon change AAG/GAG.

**Catalog Number:** 1642269

**Background:** mutant

**Database:** Rat Genome Database (RGD)

**Database Abbreviation:** RGD

**Availability:** Extinct (as of 2017-01-26)

**Alternate IDs:** 1642269

**Organism Name:** SS-Birc3<sup>m2Mcowi</sup>

**Record Creation Time:** 20230509T191934+0000

**Record Last Update:** 20260725T194241+0000

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### Ratings and Alerts

No rating or validation information has been found for *SS-Birc3<sup>m2Mcowi</sup>*.

No alerts have been found for *SS-Birc3<sup>m2Mcowi</sup>*.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Rat Genome Database (RGD)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.