

Resource Summary Report

Generated by [ASWG](#) on Sep 4, 2026

SD-Esr1^{em1Soar}

RRID:RRRC_00701

Type: Organism

Proper Citation

RRID:RRRC_00701

Organism Information

URL: http://rgd.mcw.edu/tools/strains/strains_view.cgi?id=11667088

Proper Citation: RRID:RRRC_00701

Description: Rattus norvegicus with name SD-Esr1^{em1Soar} from RGD.

Species: Rattus norvegicus

Notes: zinc finger nucleases were used to generate a 482 bp deletion in Esr1 gene, resulting in a knock out. [Rat Resource and Research Center](#)

Catalog Number: 00701

Background: mutant

Database: Rat Resource and Research Center (RRRC)

Database Abbreviation: RRRC

Availability: Cryopreserved Sperm (as of 2017-01-26)

Alternate IDs: RGD_11667088, 11667088, RRRC_701, RRRC_0701, RRRC_00701

Organism Name: SD-Esr1^{em1Soar}

Record Creation Time: 20230607T202007+0000

Record Last Update: 20260829T095459+0000

Ratings and Alerts

No rating or validation information has been found for SD-Esr1^{em1Soar}.

No alerts have been found for SD-Esr1^{em1Soar}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Resource and Research Center (RRRC)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#) .

Moran CR, et al. (2020) The role of the estrogen receptor-?? gene, Esr1, in maternal-like behavior in juvenile female and male rats. Physiology & behavior, 216, 112797.