

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 29, 2026

ACI.F344-(D16Rat17-D16Rat15)/Nkg

RRID:RGD_2304287

Type: Organism

Proper Citation

RRID:RGD_2304287

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=2304287>

Proper Citation: RRID:RGD_2304287

Description: Rattus norvegicus with name ACI.F344-(D16Rat17-D16Rat15)/Nkg from RGD.

Species: Rattus norvegicus

Notes: F344 rats are susceptible and ACI rats are resistant to PhIP(2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine)-induced ACF formation (Nagao, 1998). Targeting on susceptible gene for colon tumor on rat chromosome 16 (Nakagama, 1999), this congenic strain was established by backcrossing F344/Jcl, as a donor strain, and ACI/NJcl, as a recipient strain. [National BioResource Project for the Rat in Japan](#)

Catalog Number: 2304287

Background: congenic

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Cryopreserved Embryo

Alternate IDs: 2304287

Organism Name: ACI.F344-(D16Rat17-D16Rat15)/Nkg

Record Creation Time: 20230509T191939+0000

Record Last Update: 20260725T194249+0000

Ratings and Alerts

No rating or validation information has been found for ACI.F344-(*D16Rat17-D16Rat15*)/Nkg.

No alerts have been found for ACI.F344-(*D16Rat17-D16Rat15*)/Nkg.

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.