

Resource Summary Report

Generated by [ASWG](#) on Sep 20, 2026

B6.Cg-Dock7^m Lepr/+ +/J

RRID:IMSR_JAX:000699

Type: Organism

Proper Citation

RRID:IMSR_JAX:000699

Organism Information

URL: <https://www.jax.org/strain/000699>

Proper Citation: RRID:IMSR_JAX:000699

Description: Mus musculus with name B6.Cg-Dock7^m Lepr/+ +/J from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-m Lepr/+ +/J

Notes: gene symbol note: dedicator of cytokinesis 7|leptin receptor; mutant strain|congenic strain: Dock7|Lepr

Affected Gene: dedicator of cytokinesis 7|leptin receptor

Genomic Alteration: misty|diabetes

Catalog Number: JAX:000699

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6.Cg-Dock7^m Lepr/+ +/J

Record Creation Time: 20250513T053620+0000

Record Last Update: 20260919T054809+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Dock7^m Lepr/+ +/J.

No alerts have been found for B6.Cg-Dock7^m Lepr/+ +/-J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Zhang Y, et al. (2024) VGLUT2 and APP family: unraveling the neurobiochemical mechanisms of neurostimulation therapy to STZ-induced diabetes and neuropathy. Frontiers in endocrinology, 15, 1336854.