

Resource Summary Report

Generated by [dkNET](#) on Sep 19, 2026

WI- *Lpar1*^{m1Hubr}

RRID:RGD_39457945

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=39457945>

Proper Citation: RRID:RGD_39457945

Description: Rattus norvegicus with name WI- *Lpar1*^{m1Hubr} from RGD.

Species: Rattus norvegicus

Notes: The *Lpar1* mutant rat line was generated by target-selected ENU-driven mutagenesis of male MSH6 knockout rats, and high-throughput resequencing of genomic target sequences in progeny from mutagenized rats revealed an ENU-induced missense mutation in *Lpar1* that resulted in the change of a methionine into an arginine (p.M318R) in the 8th helix and that was predicted to be deleterious for protein function. The founder animal was mated with wild type Msh6 females. The Msh6 mutated allele was eliminated by systematic selection of F2.

Catalog Number: 39457945

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 39457945

Organism Name: WI- *Lpar1*^{m1Hubr}

Record Creation Time: 20230509T191950+0000

Record Last Update: 20260912T202537+0000

Ratings and Alerts

No rating or validation information has been found for WI- *Lpar1^{m1Hubr}*.

No alerts have been found for WI- *Lpar1^{m1Hubr}*.

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.