

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 12, 2026

[Vps54^{wr}](#)/[Vps54^{wr}](#)

RRID:MGI:3614946

Type: Organism

Proper Citation

RRID:MGI:3614946

Organism Information

URL:

Proper Citation: RRID:MGI:3614946

Description: Allele Detail: Spontaneous This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Spontaneous This is a legacy resource.

Phenotype: abnormal nervous system physiology, demyelination, motor neuron degeneration, abnormal CNS synaptic transmission, gliosis, upturned snout, abnormal hepatocyte morphology, abnormal gait, decreased body weight, limb grasping, motor neuron degeneration, abnormal nucleotide metabolism, premature death, decreased circulating estrogen level, tremors, infertility, forelimb paralysis, abnormal astrocyte morphology, abnormal axonal transport, forelimb paralysis, abnormal CNS synaptic transmission, decreased body weight, abnormal muscle physiology, decreased testis weight, motor neuron degeneration, abnormal motor neuron morphology, muscular atrophy, muscle weakness, abnormal skeletal muscle fiber morphology, facial muscle atrophy, tremors, globozoospermia, oligozoospermia, abnormal cell morphology, asthenozoospermia, abnormal lysosome morphology, abnormal gametogenesis, abnormal nervous system morphology, abnormal posture, abnormal myelination, abnormal sciatic nerve morphology, abnormal spinal nerve morphology, muscular atrophy, abnormal grip strength, limb grasping, infertility, abnormal CNS synaptic transmission, abnormal gait, motor neuron degeneration, abnormal axonal transport, abnormal motor neuron morphology, abnormal gait, decreased body weight

Affected Gene: Vps54

Genomic Alteration: wr

Catalog Number: 3614946

Background: multiple strains

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:8027772](#), [PMID:4120487](#), [PMID:1955109](#), [PMID:3142758](#), [PMID:7349996](#), [PMID:2432278](#), [PMID:3947038](#), [PMID:1383870](#), [PMID:8390608](#), [PMID:1117319](#), [PMID:210748](#), [PMID:8281455](#), [PMID:5709840](#), [PMID:7416238](#), [PMID:8006678](#)

Organism Name: Vps54^{Wr}/Vps54^{Wr}

Record Creation Time: 20240120T190608+0000

Record Last Update: 20240130T202010+0000

Ratings and Alerts

No rating or validation information has been found for Vps54^{Wr}/Vps54^{Wr}.

No alerts have been found for Vps54^{Wr}/Vps54^{Wr}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.