

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

[Sumf1](#)[Gt\(RST760\)Byg](#)/[Sumf1](#)[Gt\(RST760\)Byg](#)

RRID:MGI:3713764

Type: Organism

Proper Citation

RRID:MGI:3713764

Organism Information

URL:

Proper Citation: RRID:MGI:3713764

Description: Allele Detail: Gene trapped This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Gene trapped This is a legacy resource.

Phenotype: abnormal long bone epiphysis morphology, kyphosis, abnormal craniofacial morphology, decreased cranium height, decreased body size, postnatal growth retardation, limb grasping, increased macrophage cell number, abnormal microglial cell morphology, abnormal macrophage morphology, CNS inflammation, abnormal long bone metaphysis morphology, increased hepatocyte apoptosis, increased neuron apoptosis, abnormal cerebellar cortex morphology, abnormal thoracic vertebrae morphology, abnormal joint morphology, abnormal astrocyte morphology, decreased length of long bones, decreased Purkinje cell number, premature death, short limbs, seizures, tremors, postnatal lethality, incomplete penetrance

Affected Gene: Sumf1

Genomic Alteration: Gt(RST760)Byg

Catalog Number: 3713764

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17360554](#)

Organism Name: Sumf1^{Gt(RST760)Byg}/Sumf1^{Gt(RST760)Byg}

Record Creation Time: 20240120T190518+0000

Record Last Update: 20240130T201940+0000

Ratings and Alerts

No rating or validation information has been found for Sumf1^{Gt(RST760)Byg}/Sumf1^{Gt(RST760)Byg}.

No alerts have been found for Sumf1^{Gt(RST760)Byg}/Sumf1^{Gt(RST760)Byg}.

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.