

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 5, 2026

[Tyrobp^{tm1.1Viv}](#)/[Tyrobp^{tm1.1Viv}](#)

RRID:MGI:3818484

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3818484

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

Species: Mus musculus

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

Phenotype: enhanced long term potentiation, abnormal excitatory postsynaptic currents, increased physiological sensitivity to xenobiotic, increased bone mass, increased bone mineral density, abnormal bone remodeling, decreased bone resorption, increased bone mass, decreased bone resorption, abnormal osteoclast physiology, increased trabecular bone volume, abnormal microglial cell morphology, abnormal myelination, abnormal myelopoiesis, abnormal osteoclast physiology, osteopetrosis, nervous system phenotype, increased bone mineral content, increased bone trabecula number, abnormal axon morphology, abnormal bone ossification, abnormal bone remodeling

Affected Gene: Tyrobp

Genomic Alteration: tm1.1Viv

Catalog Number: 3818484

Background: B6.129P2-Tyrobp

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15632019](#), [PMID:15601948](#), [PMID:17611620](#)

Organism Name: Tyrobp^{tm1.1Viv}/Tyrobp^{tm1.1Viv}

Record Creation Time: 20240120T190407+0000

Record Last Update: 20240130T201901+0000

Ratings and Alerts

No rating or validation information has been found for Tyrobp^{tm1.1Viv}/Tyrobp^{tm1.1Viv}.

No alerts have been found for Tyrobp^{tm1.1Viv}/Tyrobp^{tm1.1Viv}.

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.