

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

B6.129S2-Ltbp4^{Gt(U3Cre)}1Vmel/VmelKieg

RRID:IMSR_EM:00003

Type: Organism

Proper Citation

RRID:IMSR_EM:00003

Organism Information

URL: <https://www.infrafrontier.eu/emma/strain-details/?q=3>

Proper Citation: RRID:IMSR_EM:00003

Description: Mus musculus with name B6.129S2-Ltbp4^{Gt(U3Cre)}1Vmel/VmelKieg from IMSR.

Species: Mus musculus

Synonyms: B6.129S2-Ltbp4/Vmel. HVMe-1. 3C7

Notes: gene symbol note: latent transforming growth factor beta binding protein 4; mutant strain: Ltbp4

Affected Gene: latent transforming growth factor beta binding protein 4

Genomic Alteration: gene trap 1; Harald von Melchner

Catalog Number: EM:00003

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: embryo

Organism Name: B6.129S2-Ltbp4^{Gt(U3Cre)}1Vmel/VmelKieg

Record Creation Time: 20250513T062204+0000

Record Last Update: 20260905T053238+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S2-Ltbp4^{Gt(U3Cre)1Vmel}/VmelKieg.

No alerts have been found for B6.129S2-Ltbp4^{Gt(U3Cre)1Vmel}/VmelKieg.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Archive

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Pierre-Ferrer S, et al. (2024) A phosphate transporter in VIPergic neurons of the suprachiasmatic nucleus gates locomotor activity during the light/dark transition in mice. Cell reports, 43(5), 114220.