Resource Summary Report

Generated by kravitz2 on Jul 31, 2026

B6.129X1-Th$^{tm1(cre)Te}$/Kieg

RRID:IMSR_EM:00254
Type: Organism

Proper Citation

RRID:IMSR_EM:00254

Organism Information

URL: https://www.infrafrontier.eu/emma/strain-details/?q=254

Proper Citation: RRID:IMSR_EM:00254

Description: Mus musculus with name B6.129X1-Th$^{tm1(cre)Te}$/Kieg from IMSR.

Species: Mus musculus

Synonyms: TEb-3. B6.129X1-Th. Th-IRES-Cre

Notes: gene symbol note: tyrosine hydroxylase; mutant strain: Th

Affected Gene: tyrosine hydroxylase

Genomic Alteration: targeted mutation 1; Ted Ebendal

Catalog Number: EM:00254

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: embryo

Organism Name: B6.129X1-Th$^{tm1(cre)Te}$/Kieg

Record Creation Time: 20250513T062207+0000

Record Last Update: 20260725T052932+0000

Ratings and Alerts

No rating or validation information has been found for B6.129X1-Th$^{tm1(cre)Te}$/Kieg.

No alerts have been found for B6.129X1-Th$^{tm1(cre)Te}$/Kieg.

Data and Source Information

Source: Integrated Animals

Source Database: European Mouse Mutant Archive

Usage and Citation Metrics

We found 20 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Xiao T, et al. (2025) RAD23B acquires a copper metalloadaptor function in amphibian-to-reptile evolution to increase metabolism and regulate genomic integrity. Molecular cell, 85(18), 3443.

Moffa JC, et al. (2024) Cell-Specific Single Viral Vector CRISPR/Cas9 Editing and Genetically Encoded Tool Delivery in the Central and Peripheral Nervous Systems. eNeuro, 11(7).

Moffa JC, et al. (2023) Cell specific single viral vector CRISPR/Cas9 editing and genetically encoded tool delivery in the central and peripheral nervous systems. bioRxiv : the preprint server for biology.

Torrillas-de la Cal A, et al. (2023) Chemogenetic activation of locus coeruleus neurons ameliorates the severity of multiple sclerosis. Journal of neuroinflammation, 20(1), 198.

Yao Y, et al. (2022) Cardiovascular baroreflex circuit moonlights in sleep control. Neuron, 110(23), 3986.

Zhang K, et al. (2022) A functional circuit formed by the autonomic nerves and myofibroblasts controls mammalian alveolar formation for gas exchange. Developmental cell, 57(13), 1566.

Huesing C, et al. (2022) Organization of sympathetic innervation of interscapular brown adipose tissue in the mouse. The Journal of comparative neurology, 530(9), 1363.

Huesing C, et al. (2021) Sympathetic innervation of inguinal white adipose tissue in the mouse. The Journal of comparative neurology, 529(7), 1465.

Schiller M, et al. (2021) Optogenetic activation of local colonic sympathetic innervations attenuates colitis by limiting immune cell extravasation. Immunity, 54(5), 1022.

Seo DO, et al. (2021) A locus coeruleus to dentate gyrus noradrenergic circuit modulates aversive contextual processing. Neuron, 109(13), 2116.

Torres H, et al. (2021) Sympathetic innervation of the mouse kidney and liver arising from prevertebral ganglia. American journal of physiology. Regulatory, integrative and comparative physiology, 321(3), R328.

François M, et al. (2019) Sympathetic innervation of the interscapular brown adipose tissue in mouse. Annals of the New York Academy of Sciences, 1454(1), 3.

Garcia-Junco-Clemente P, et al. (2019) State-Dependent Subnetworks of Parvalbumin-Expressing Interneurons in Neocortex. Cell reports, 26(9), 2282.

Chan WH, et al. (2019) RNA-seq of Isolated Chromaffin Cells Highlights the Role of Sex-Linked and Imprinted Genes in Adrenal Medulla Development. Scientific reports, 9(1), 3929.

Hunn BHM, et al. (2019) Impairment of Macroautophagy in Dopamine Neurons Has Opposing Effects on Parkinsonian Pathology and Behavior. Cell reports, 29(4), 920.

Ma C, et al. (2019) Sleep Regulation by Neurotensinergic Neurons in a Thalamo-Amygdala Circuit. Neuron, 103(2), 323.

Ben-Shaanan TL, et al. (2018) Modulation of anti-tumor immunity by the brain's reward system. Nature communications, 9(1), 2723.

Cho JR, et al. (2017) Dorsal Raphe Dopamine Neurons Modulate Arousal and Promote Wakefulness by Salient Stimuli. Neuron, 94(6), 1205.

Hulbert SW, et al. (2017) Cellular and Circuitry Bases of Autism: Lessons Learned from the Temporospatial Manipulation of Autism Genes in the Brain. Neuroscience bulletin, 33(2), 205.

Zhang Z, et al. (2013) Norepinephrine drives persistent activity in prefrontal cortex via synergistic ?1 and ?2 adrenoceptors. PloS one, 8(6), e66122.