

Resource Summary Report

Generated by [dkNET](#) on Aug 1, 2026

FVB-Tg(Ckmm-cre)5Khn/J

RRID:IMSR_JAX:006405

Type: Organism

Proper Citation

RRID:IMSR_JAX:006405

Organism Information

URL: <https://www.jax.org/strain/006405>

Proper Citation: RRID:IMSR_JAX:006405

Description: Mus musculus with name FVB-Tg(Ckmm-cre)5Khn/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: creatine kinase; muscle|transgene insertion 5; C Ronald Kahn; coisogenic strain|mutant strain: Ckm|Tg(Ckmm-cre)5Khn

Affected Gene: creatine kinase; muscle|transgene insertion 5; C Ronald Kahn

Genomic Alteration: transgene insertion 5; C Ronald Kahn

Catalog Number: JAX:006405

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: FVB-Tg(Ckmm-cre)5Khn/J

Record Creation Time: 20250513T053656+0000

Record Last Update: 20260801T050359+0000

Ratings and Alerts

No rating or validation information has been found for FVB-Tg(Ckmm-cre)5Khn/J.

No alerts have been found for FVB-Tg(Ckmm-cre)5Khn/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Cousineau CM, et al. (2024) Reduced beta-hydroxybutyrate disposal after ketogenic diet feeding in mice. bioRxiv : the preprint server for biology.

Hwang JH, et al. (2022) TAZ links exercise to mitochondrial biogenesis via mitochondrial transcription factor A. Nature communications, 13(1), 653.

Romero-Becerra R, et al. (2022) MKK6 deficiency promotes cardiac dysfunction through MKK3-p38 γ -mTOR hyperactivation. eLife, 11.

Matesanz N, et al. (2017) MKK6 controls T3-mediated browning of white adipose tissue. Nature communications, 8(1), 856.

González-Terán B, et al. (2016) p38 γ and δ promote heart hypertrophy by targeting the mTOR-inhibitory protein DEPTOR for degradation. Nature communications, 7, 10477.

Chatterjee A, et al. (2016) MOF Acetyl Transferase Regulates Transcription and Respiration in Mitochondria. Cell, 167(3), 722.