C57BL/6J
RRID:IMSR_JAX:000664
Type: Organism

Proper Citation
(IMSR Cat# JAX_000664,RRID:IMSR_JAX:000664)

Organism Information

URL: https://www.jax.org/strain/000664

Proper Citation: (IMSR Cat# JAX_000664,RRID:IMSR_JAX:000664)

Description: Mus musculus with name C57BL/6J from IMSR.

Affected Gene: Aanat, Ahr, Apobec3, B2m, Cd5, Cdh23, Cox7a2l, Fbrwt1, Fbrwt2, Gabra2, Gluchos1, Gluchos2, Gluchos3, Hbb, Micrl, Mx1, Nlrp12, Nnt, n-TRtct5, P2rx7

Database: International Mouse Resource Center IMSR, JAX Mice and Services JAX

Notes: gene symbol note: arylalkylamine N-acetyltransferase, aryl-hydrocarbon receptor, apolipoprotein B mRNA editing enzyme, catalytic polypeptide 3, beta-2 microglobulin, CD5 antigen, cadherin 23 (otocadherin), cytochrome c oxidase subunit 7A2 like, forebrain weight 1, forebrain weight 2, gamma-aminobutyric acid (GABA) A receptor, subunit alpha 2, glucose homeostasis QTL 1, glucose homeostasis QTL 2, glucose homeostasis QTL 3, hemoglobin beta chain complex, microwave induced increase in complement receptor B cells, MX dynamin-like GTPase 1, NLR family, pyrin domain containing 12, nicotinamide nucleotide transhydrogenase, nuclear encoded tRNA arginine 5 (anticodon TCT), purinergic receptor P2X, ligand-gated ion channel, 7; inbred strain: rs216509331 SNP allele with the A variant, b-1 variant, recovery from Friend virus 3, resistant, b variant, b variant, age related hearing loss 1, short, C57BL/6J, C57BL/6J, C57BL/6J variant, C57BL/6J, C57BL/6J, C57BL/6J, C57BL/6J, C57BL/6J, single, non-responder, myxovirus susceptibility 1, C57BL/6J, C57BL/6J, mutation 1, Jackson, rs48804829 SNP allele with the T variant

Organism Name: C57BL/6J

Database Abbreviation: IMSR
Species: Mus musculus

Availability: live mouse

Genomic Alteration: rs216509331-A, b-1, Rfv3-r, b, ahl, s, C57BL/6J, C57BL/6J, C57BL/6J, C57BL/6J, C57BL/6J, s, n, s1, C57BL/6J, C57BL/6J, m1J, rs48804829-T

Catalog Number: JAX:000664

Ratings and Alerts

No rating or validation information has been found for C57BL/6J.

No alerts have been found for C57BL/6J.

Data and Source Information

Source: Integrated Animals

Source Database: International Mouse Resource Center IMSR, JAX Mice and Services JAX

Usage and Citation Metrics

We found 2238 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.


McElvain LE, et al. (2021) Specific populations of basal ganglia output neurons target distinct brain stem areas while collateralizing throughout the diencephalon. Neuron, 109(10), 1721-1738.e4.


