

Resource Summary Report

Generated by [RRID](#) on Aug 8, 2026

B6J.129P2-Slc6a3^{tm1Mca}/McaMmnc

RRID:MMRRC_068217-UNC

Type: Organism

Proper Citation

RRID:MMRRC_068217-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=68217

Proper Citation: RRID:MMRRC_068217-UNC

Description: Mus musculus with name B6J.129P2-Slc6a3^{tm1Mca}/McaMmnc from MMRRC.

Species: Mus musculus

Notes: Research areas: Cell Biology, Neurobiology, Research Tools; Mutation Type: Targeted Mutation ; Collection:

Phenotype: decreased body weight [MP:0001262]| decreased body size [MP:0001265]| abnormal maternal nurturing [MP:0001386]| hyperactivity [MP:0001399]| impaired coordination [MP:0001405]| short stride length [MP:0001407]| increased exploration in new environment [MP:0001415]| abnormal spatial learning [MP:0001463]| postnatal growth retardation [MP:0001732]| abnormal pituitary secretion [MP:0001746]| premature death [MP:0002083]| disproportionate dwarf [MP:0002427]| decreased vertical activity [MP:0002757]| increased thigmotaxis [MP:0002797]| enhanced long term potentiation [MP:0003008]| hypopituitarism [MP:0003348]| abnormal response to novel odor [MP:0003462]| abnormal adenohypophysis morphology [MP:0004163]| decreased length of long bones [MP:0004686]| small pituitary gland [MP:0005361]| decreased dopamine level [MP:0005643]| abnormal pituitary gland physiology [MP:0005646]| decreased somatotroph cell number [MP:0008329]| decreased lactotroph cell number [MP:0008332]| adenohypophysis hypoplasia [MP:0008365]| pituitary intermediate lobe hypoplasia [MP:0008369]| impaired conditioned place preference behavior [MP:0009712]| lactation failure [MP:0010249]| decreased dopaminergic neuron number [MP:0011448]

Affected Gene: Slc6a3

Catalog Number: 068217-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:8628395](#)

Alternate IDs: MMRRC_68217-UNC, MMRRC_068217, MMRRC_68217

Organism Name: B6J.129P2-*Slc6a3*^{tm1Mca}/McaMmnc

Record Creation Time: 20230308T055516+0000

Record Last Update: 20260801T125413+0000

Ratings and Alerts

No rating or validation information has been found for B6J.129P2-*Slc6a3*^{tm1Mca}/McaMmnc.

No alerts have been found for B6J.129P2-*Slc6a3*^{tm1Mca}/McaMmnc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.