

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

B6;129S5-Igf2bp1^{Gt(OST33739)}Lex/Mmucd

RRID:MMRRC_011720-UCD

Type: Organism

Proper Citation

RRID:MMRRC_011720-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=11720

Proper Citation: RRID:MMRRC_011720-UCD

Description: Mus musculus with name B6;129S5-Igf2bp1^{Gt(OST33739)}Lex/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Gene Trap ; Collection: Lexicon

Phenotype: abnormal cartilage morphology [MP:0000163] decreased cell proliferation [MP:0000352] short snout [MP:0000445] abnormal intestine morphology [MP:0000477] delayed intestine development [MP:0000478] abnormal small intestine morphology [MP:0000496] abnormal intestinal mucosa morphology [MP:0000511] delayed kidney development [MP:0000528] kinked tail [MP:0000585] spleen hypoplasia [MP:0000694] decreased brain size [MP:0000774] abnormal cerebral cortex morphology [MP:0000788] abnormal lateral ventricle morphology [MP:0000823] abnormal CNS glial cell morphology [MP:0000952] decreased body length [MP:0001258] decreased body weight [MP:0001262] increased anxiety-related response [MP:0001363] circling [MP:0001394] hyperactivity [MP:0001399] hypoactivity [MP:0001402] decreased exploration in new environment [MP:0001417] dehydration [MP:0001429] abnormal eating behavior [MP:0001431] anemia [MP:0001577] postnatal growth retardation [MP:0001732] disproportionate dwarf [MP:0002427] hepatic steatosis [MP:0002628] abnormal cell cycle [MP:0003077] premature neuronal precursor differentiation [MP:0003424] renal hypoplasia [MP:0003446] fetal growth retardation [MP:0004201] abnormal kidney collecting duct morphology [MP:0004754] abnormal large intestine crypts of Lieberkuhn morphology [MP:0004842] decreased placenta weight [MP:0004921] abnormal renal glomerulus morphology [MP:0005325] increased aggression [MP:0005655] abnormal small intestinal microvillus morphology [MP:0008109] decreased small intestinal villus size [MP:0008142] decreased survivor rate [MP:0008770] abnormal intestinal smooth muscle morphology [MP:0008802] abnormal liver lobule morphology [MP:0008987]

decreased fetal weight [MP:0009431]| decreased birth weight [MP:0009674]| postnatal lethality [MP:0011086]| incomplete penetrance [MP:0011090]| perinatal lethality [MP:0011110]| incomplete penetrance [MP:0012203]| preweaning lethality [MP:0012207]| incomplete penetrance [MP:0013795]

Affected Gene: Igf2bp1

Catalog Number: 011720-UCD

Background: Gene Trap

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Alternate IDs: MMRRC_11720-UCD, MMRRC_011720, MMRRC_1172

Organism Name: B6;129S5-Igf2bp1^{Gt(OST33739)Lex}/Mmucd

Record Creation Time: 20230308T054912+0000

Record Last Update: 20260829T122049+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S5-Igf2bp1^{Gt(OST33739)Lex}/Mmucd.

No alerts have been found for B6;129S5-Igf2bp1^{Gt(OST33739)Lex}/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Nishino J, et al. (2013) A network of heterochronic genes including Imp1 regulates temporal changes in stem cell properties. eLife, 2, e00924.