Ptgs2<sup>tm1Unc/Ptg2<sup>tm1Unc

RRID:MGI:4366263
Type: Organism

Proper Citation

RRID:MGI:4366263

Organism Information

URL:

Proper Citation: RRID:MGI:4366263

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: kidney failure, increased blood urea nitrogen level, altered response of heart to induced stress, increased sensitivity to xenobiotic induced morbidity/mortality, increased susceptibility to induced colitis, weight loss, increased leukocyte cell number, decreased hematocrit, decreased prostaglandin level, enlarged spleen, abnormal colon morphology, anemia, peritoneal inflammation, decreased lactate dehydrogenase level, decreased susceptibility to injury, decreased susceptibility to induced pancreatitis, increased tumor necrosis factor secretion, decreased incidence of tumors by chemical induction, abnormal enzyme/coenzyme level, pancreas necrosis, increased sensitivity to xenobiotic induced morbidity/mortality, abnormal kidney cortex morphology, abnormal proximal convoluted tubule morphology, abnormal renal glomerulus morphology, behavior/neurological phenotype, cardiovascular system phenotype, decreased kidney weight, decreased renal glomerular filtration rate, dilated renal tubules, glomerulosclerosis, growth/size/body region phenotype, homeostasis/metabolism phenotype, increased circulating creatinine level, increased heart weight, kidney cortex cysts, kidney cysts, premature death, proximal convoluted tubule brush border loss, renal glomerulus cysts, renal glomerulus fibrosis, renal glomerulus hypertrophy, renal interstitial fibrosis, renal tubule atrophy, renal tubule hypertrophy, renal/urinary system phenotype, abnormal kidney development, kidney degeneration, decreased susceptibility to endotoxin shock, decreased prostaglandin level, muscle phenotype, increased incidence of induced tumors, abnormal keratinocyte
differentiation, increased susceptibility to induced colitis

**Affected Gene:** Ptgs2

**Genomic Alteration:** tm1Unc

**Catalog Number:** 4366263

**Background:** involves: 129P2/OlaHsd * C57BL/6

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** PMID:10683376, PMID:19056763, PMID:11115063, PMID:11832369, PMID:12381531, PMID:14630706, PMID:11705824, PMID:20061361

**Organism Name:** Ptgs2\textsuperscript{tm1Unc}/Ptgs2\textsuperscript{tm1Unc}

---

**Ratings and Alerts**

No rating or validation information has been found for Ptgs2\textsuperscript{tm1Unc}/Ptgs2\textsuperscript{tm1Unc}.

No alerts have been found for Ptgs2\textsuperscript{tm1Unc}/Ptgs2\textsuperscript{tm1Unc}.

---

**Data and Source Information**

**Source:** Integrated Animals

**Source Database:** MGI, Mouse Genome Informatics MGI

---

**Usage and Citation Metrics**

We have not found any literature mentions for this resource.