

Resource Summary Report

Generated by [dkNET](#) on Jul 29, 2026

[Ugcg^{tm1Hjg}/Ugcg^{tm1Hjg}; Gal3st1^{tm1.1Hjg}/Gal3st1^{tm1.1Hjg}; Pax8^{tm1.1\(cre\)Mbu}/Pax8⁺](#)

RRID:MGI:5521180

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:5521180

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

Species: Mus musculus

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

Phenotype: renal/urinary system phenotype, abnormal kidney papilla morphology, abnormal urine homeostasis, decreased urine pH, decreased urine ammonia level, homeostasis/metabolism phenotype, increased urine potassium level, polyuria, mortality/aging

Affected Gene: Pax8, Ugcg, Gal3st1

Genomic Alteration: tm1.1(cre)Mbu, tm1.1Hjg, tm1Hjg

Catalog Number: 5521180

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:23716689](#)

Organism Name: Ugcg^{tm1Hjg}/Ugcg^{tm1Hjg}; Gal3st1^{tm1.1Hjg}/Gal3st1^{tm1.1Hjg}; Pax8^{tm1.1(cre)Mbu}/Pax8⁺

Record Creation Time: 20240120T190105+0000

Record Last Update: 20240130T201717+0000

Ratings and Alerts

No rating or validation information has been found for Ugcg^{tm1Hjg}/Ugcg^{tm1Hjg}; Gal3st1^{tm1.1Hjg}/Gal3st1^{tm1.1Hjg}; Pax8^{tm1.1(cre)Mbu}/Pax8⁺.

No alerts have been found for Ugcg^{tm1Hjg}/Ugcg^{tm1Hjg}; Gal3st1^{tm1.1Hjg}/Gal3st1^{tm1.1Hjg}; Pax8^{tm1.1(cre)Mbu}/Pax8⁺.

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.