

Resource Summary Report

Generated by T1D on Sep 20, 2026

B6;129P-Cyp11a1^{tm1(GFP/cre)}Pzg/J

RRID:IMSR_JAX:010988

Type: Organism

Proper Citation

RRID:IMSR_JAX:010988

Organism Information

URL: <https://www.jax.org/strain/010988>

Proper Citation: RRID:IMSR_JAX:010988

Description: Mus musculus with name B6;129P-Cyp11a1^{tm1(GFP/cre)}Pzg/J from IMSR.

Species: Mus musculus

Synonyms: B6;129P-Cyp11a1/J

Notes: gene symbol note: |cytochrome P450; family 11; subfamily a; polypeptide 1;
mutant stock: |Cyp11a1

Affected Gene: |cytochrome P450; family 11; subfamily a; polypeptide 1

Genomic Alteration: targeted mutation 1; Pumin Zhang

Catalog Number: JAX:010988

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129P-Cyp11a1^{tm1(GFP/cre)}Pzg/J

Record Creation Time: 20250513T053718+0000

Record Last Update: 20260919T054906+0000

Ratings and Alerts

No rating or validation information has been found for B6;129P-Cyp11a1^{tm1(GFP/cre)}Pzg/J.

No alerts have been found for B6;129P-Cyp11a1^{tm1(GFP/cre)}Pzg/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Shen WJ, et al. (2025) Ablation of Steroidogenic Superoxide Dismutase 2 Increases Oxidative Stress and Diminishes Steroid Hormone Production. *Endocrinology*, 166(9).

Engeland WC, et al. (2019) Sex Differences in Adrenal Bmal1 Deletion-Induced Augmentation of Glucocorticoid Responses to Stress and ACTH in Mice. *Endocrinology*, 160(10), 2215.