

# Resource Summary Report

Generated by [dkNET](#) on Sep 6, 2026

## B6.Cg-Cyp1a<sup>tm1Dwn</sup> Ahr Tg(CYP1A1.CYP1A2)1Dwn/DwnJ

RRID:IMSR\_JAX:008599

Type: Organism

---

### Proper Citation

RRID:IMSR\_JAX:008599

---

### Organism Information

**URL:** <https://www.jax.org/strain/008599>

**Proper Citation:** RRID:IMSR\_JAX:008599

**Description:** Mus musculus with name B6.Cg-Cyp1a<sup>tm1Dwn</sup> Ahr Tg(CYP1A1.CYP1A2)1Dwn/DwnJ from IMSR.

**Species:** Mus musculus

**Synonyms:** B6.Cg-Cyp1 Ahr Tg(CYP1A1.CYP1A2)1Dwn/DwnJ. "humanized" hCYP1A1\_1A2\_Cyp1a1/1a2(-/-)\_Ahr mutant mice. B6.Cg-Cyp1a2/Cyp1a1 Ahr Tg(CYP1A1.CYP1A2)1Dwn/DwnJ. B6.Cg-Del(9Cyp1a2-Cyp1a1)1Dwn Ahr Tg(CYP1A1.CYP1A2)1Dwn/DwnJ

**Notes:** gene symbol note: cytochrome P450 family 1 subfamily A member 2|aryl-hydrocarbon receptor|cytochrome P450 family 1 subfamily A member 1|transgene insertion 1; Daniel W Nebert; mutant strain|congenic strain: CYP1A2|Ahr|CYP1A1|Tg(CYP1A1;CYP1A2)1Dwn

**Affected Gene:** cytochrome P450 family 1 subfamily A member 2|aryl-hydrocarbon receptor|cytochrome P450 family 1 subfamily A member 1|transgene insertion 1; Daniel W Nebert

**Genomic Alteration:** transgene insertion 1; Daniel W Nebert|d variant

**Catalog Number:** JAX:008599

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** embryo

**Organism Name:** B6.Cg-Cyp1a<sup>tm1Dwn</sup> Ahr Tg(CYP1A1.CYP1A2)1Dwn/DwnJ

**Record Creation Time:** 20250513T053710+0000

**Record Last Update:** 20260905T044454+0000

---

## Ratings and Alerts

No rating or validation information has been found for B6.Cg-Cyp1a<sup>tm1Dwn</sup> Ahr Tg(CYP1A1.CYP1A2)1Dwn/DwnJ.

No alerts have been found for B6.Cg-Cyp1a<sup>tm1Dwn</sup> Ahr Tg(CYP1A1.CYP1A2)1Dwn/DwnJ.

---

## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

---

## Usage and Citation Metrics

We have not found any literature mentions for this resource.