

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 29, 2026

B6.Cg-Cyp1a^{tm1Dwn} 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^{tm1Dwn} 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 1|cytochrome P450 family 1 subfamily A member 2|aryl-hydrocarbon receptor|transgene insertion 1; Daniel W Nebert; mutant strain|congenic strain: CYP1A1|CYP1A2|Ahr|Tg(CYP1A1;CYP1A2)1Dwn

Affected Gene: cytochrome P450 family 1 subfamily A member 1|cytochrome P450 family 1 subfamily A member 2|aryl-hydrocarbon receptor|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^{tm1Dwn} Ahr Tg(CYP1A1.CYP1A2)1Dwn/DwnJ

Record Creation Time: 20250513T053710+0000

Record Last Update: 20260725T044421+0000

Ratings and Alerts

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

No alerts have been found for B6.Cg-Cyp1a^{tm1Dwn} 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.