

Resource Summary Report

Generated by [dkNET](#) on Aug 12, 2026

C57BL/6-Ahr^{tm1.2Arte}

RRID:IMSR_TAC:9166

Type: Organism

Proper Citation

RRID:IMSR_TAC:9166

Organism Information

URL: <https://www.taconic.com/mouse-model/ahr-knockout-mouse>

Proper Citation: RRID:IMSR_TAC:9166

Description: Mus musculus with name C57BL/6-Ahr^{tm1.2Arte} from IMSR.

Species: Mus musculus

Notes: gene symbol note: aryl-hydrocarbon receptor; mutant strain|inbred strain: Ahr

Affected Gene: aryl-hydrocarbon receptor

Genomic Alteration: targeted mutation 1.2; TaconicArtemis

Catalog Number: TAC:9166

Database: Taconic Biosciences

Database Abbreviation: TAC

Availability: archived

Organism Name: C57BL/6-Ahr^{tm1.2Arte}

Record Creation Time: 20250513T053519+0000

Record Last Update: 20260808T050723+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Ahr^{tm1.2Arte}.

No alerts have been found for C57BL/6-Ahr^{tm1.2Arte}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Taconic Biosciences

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Davis NM, et al. (2021) Metabolomic Analysis of Diverse Mice Reveals Hepatic Arginase-1 as Source of Plasma Arginase in Plasmodium chabaudi Infection. mBio, 12(5), e0242421.

Lissner MM, et al. (2020) Metabolic profiling during malaria reveals the role of the aryl hydrocarbon receptor in regulating kidney injury. eLife, 9.

Ott M, et al. (2019) Laquinimod, a prototypic quinoline-3-carboxamide and aryl hydrocarbon receptor agonist, utilizes a CD155-mediated natural killer/dendritic cell interaction to suppress CNS autoimmunity. Journal of neuroinflammation, 16(1), 49.

Yi P, et al. (2017) A tightly regulated IL-22 response maintains immune functions and homeostasis in systemic viral infection. Scientific reports, 7(1), 3857.

Unnisa Z, et al. (2016) Aryl Hydrocarbon Receptor Deficiency in an Exon 3 Deletion Mouse Model Promotes Hematopoietic Stem Cell Proliferation and Impacts Endosteal Niche Cells. Stem cells international, 2016, 4536187.