Resource Summary Report

Generated by NIF on Sep 3, 2026

FVB.129P2-Abcb1a^{tm1Bor} Abcb1b Abcg2 N7

RRID:IMSR_TAC:3998
Type: Organism

Proper Citation

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Organism Information

URL: http://www.taconic.com/transgenic-mouse-model/mdr1ab-bcrp

Proper Citation: RRID:IMSR_TAC:3998

Description: Mus musculus with name FVB.129P2-Abcb1a^{tm1Bor} Abcb1b Abcg2 N7 from IMSR.

Species: Mus musculus

Synonyms: Mdr1a/b-Bcrp CONSTITUTIVE KNOCK OUT - FVB Background. FVB.129P2-Abcb1a Abcb1b Abcg2/Tac

Notes: gene symbol note: ATP-binding cassette; sub-family B member 1A|ATP-binding cassette; sub-family B member 1B|ATP binding cassette subfamily G member 2 (Junior blood group); mutant strain|congenic strain: Abcb1a|Abcb1b|Abcg2

Affected Gene: ATP-binding cassette; sub-family B member 1A|ATP-binding cassette; sub-family B member 1B|ATP binding cassette subfamily G member 2 (Junior blood group)

Genomic Alteration: targeted mutation 1; Piet Borst|targeted mutation 1; Alfred H Schinkel

Catalog Number: TAC:3998

Database: Taconic Biosciences

Database Abbreviation: TAC

Availability: live

Organism Name: FVB.129P2-Abcb1a^{tm1Bor} Abcb1b Abcg2 N7

Record Creation Time: 20250513T053517+0000

Record Last Update: 20260829T044809+0000

Ratings and Alerts

No rating or validation information has been found for FVB.129P2-Abcb1a^{tm1Bor} Abcb1b Abcg2 N7.

No alerts have been found for FVB.129P2-Abcb1a^{tm1Bor} Abcb1b Abcg2 N7.

Data and Source Information

Source: Integrated Animals

Source Database: Taconic Biosciences

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Vaubel RA, et al. (2025) Preclinical Modeling of Navtemadlin Pharmacokinetics, Pharmacodynamics, and Efficacy in IDH-Wild-type Glioblastoma. Clinical cancer research : an official journal of the American Association for Cancer Research, 31(17), 3771.

Wang Y, et al. (2020) OATP1A/1B, CYP3A, ABCB1, and ABCG2 limit oral availability of the NTRK inhibitor larotrectinib, while ABCB1 and ABCG2 also restrict its brain accumulation. British journal of pharmacology, 177(13), 3060.