

Resource Summary Report

Generated by [Kravitz](#) on Sep 19, 2026

STOCK Hoxb8^{tm2.1}(cre)Mrc/J

RRID:IMSR_JAX:035978

Type: Organism

Proper Citation

RRID:IMSR_JAX:035978

Organism Information

URL: <https://www.jax.org/strain/035978>

Proper Citation: RRID:IMSR_JAX:035978

Description: Mus musculus with name STOCK Hoxb8^{tm2.1}(cre)Mrc/J from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Hoxb8/J

Notes: gene symbol note: homeobox B8; mutant stock: Hoxb8

Affected Gene: homeobox B8

Genomic Alteration: targeted mutation 2.1; Mario R Capecchi

Catalog Number: JAX:035978

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Hoxb8^{tm2.1}(cre)Mrc/J

Record Creation Time: 20250513T053851+0000

Record Last Update: 20260919T055034+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Hoxb8^{tm2.1}(cre)Mrc/J.

No alerts have been found for STOCK Hoxb8^{tm2.1}(cre)Mrc/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 [Kravitz](#) .

Noes-Holt G, et al. (2026) Recombinant dimeric PICK1 peptide inhibitors for long-term relief of chronic pain by AAV therapeutics. Cell reports. Medicine, 7(6), 102800.

Barracclough BN, et al. (2024) Direct comparison of Hoxb8-driven reporter distribution in the brains of four transgenic mouse lines: towards a spinofugal projection atlas. Frontiers in neuroanatomy, 18, 1400015.