

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

B6.129X1-Twist2^{tm1.1}(cre)Dor/J

RRID:IMSR_JAX:008712

Type: Organism

Proper Citation

RRID:IMSR_JAX:008712

Organism Information

URL: <https://www.jax.org/strain/008712>

Proper Citation: RRID:IMSR_JAX:008712

Description: Mus musculus with name B6.129X1-Twist2^{tm1.1}(cre)Dor/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: twist basic helix-loop-helix transcription factor 2|; congenic strain: Twist2|

Affected Gene: twist basic helix-loop-helix transcription factor 2|

Genomic Alteration: targeted mutation 1.1; David M Ornitz

Catalog Number: JAX:008712

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129X1-Twist2^{tm1.1}(cre)Dor/J

Record Creation Time: 20250513T053711+0000

Record Last Update: 20260808T050916+0000

Ratings and Alerts

No rating or validation information has been found for B6.129X1-Twist2^{tm1.1}(cre)Dor/J.

No alerts have been found for B6.129X1-Twist2^{tm1.1}(cre)Dor/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Allen NC, et al. (2026) NF- κ B-activated fibroblasts orchestrate inflammaging and emergence of pro-inflammatory granzyme K⁺ T cells. *Immunity*, 59(6), 1561.

Paramore SV, et al. (2024) Vangl-dependent mesenchymal thinning shapes the distal lung during murine sacculation. *Developmental cell*, 59(10), 1302.

Huycke TR, et al. (2024) Patterning and folding of intestinal villi by active mesenchymal dewetting. *Cell*, 187(12), 3072.

Ewing-Crystal NA, et al. (2024) Dynamic fibroblast-immune interactions shape wound healing after brain injury. *bioRxiv : the preprint server for biology*.

Phan QM, et al. (2023) Lineage commitment of dermal fibroblast progenitors is controlled by Kdm6b-mediated chromatin demethylation. *The EMBO journal*, 42(19), e113880.

Keridani D, et al. (2022) Lung tumor MHCII immunity depends on in situ antigen presentation by fibroblasts. *The Journal of experimental medicine*, 219(2).

Goodwin K, et al. (2022) Patterning the embryonic pulmonary mesenchyme. *iScience*, 25(3), 103838.

Shi W, et al. (2022) Glypican-6 and Glypican-4 stimulate embryonic stomach growth by regulating Hedgehog and noncanonical Wnt signaling. *Developmental dynamics : an official publication of the American Association of Anatomists*, 251(12), 2015.

Tang Y, et al. (2022) Matrix remodeling controls a nuclear lamin A/C-emerin network that directs Wnt-regulated stem cell fate. *Developmental cell*, 57(4), 480.

Tang CY, et al. (2021) Runx1 is a central regulator of osteogenesis for bone homeostasis by orchestrating BMP and WNT signaling pathways. *PLoS genetics*, 17(1), e1009233.

Redente EF, et al. (2020) Loss of Fas signaling in fibroblasts impairs homeostatic fibrosis resolution and promotes persistent pulmonary fibrosis. *JCI insight*, 6(1).

Wang S, et al. (2018) Radial WNT5A-Guided Post-mitotic Filopodial Pathfinding Is Critical for Midgut Tube Elongation. *Developmental cell*, 46(2), 173.

Feinberg TY, et al. (2018) Divergent Matrix-Remodeling Strategies Distinguish Developmental from Neoplastic Mammary Epithelial Cell Invasion Programs.

Developmental cell, 47(2), 145.

Boggs K, et al. (2016) Contribution of Underlying Connective Tissue Cells to Taste Buds in Mouse Tongue and Soft Palate. PloS one, 11(1), e0146475.

Wang W, et al. (2015) Connective Tissue Growth Factor reporter mice label a subpopulation of mesenchymal progenitor cells that reside in the trabecular bone region. Bone, 71, 76.