

Resource Summary Report

Generated by [NIF](#) on Aug 10, 2026

NOD-scid IL2R³null (NOD.Cg-Prkdcscid Il2rgtm1Wjl/SzJ)

RRID:BCBC_4142

Type: Organism

Proper Citation

RRID:BCBC_4142

Organism Information

URL:

Proper Citation: RRID:BCBC_4142

Species: Mus musculus

Phenotype: Diabetes mellitus

Catalog Number: 4142

Background: TM

Database: BCBC, Beta Cell Biology Consortium

Database Abbreviation: BCBC

Organism Name: NOD-scid IL2R³null (NOD.Cg-Prkdcscid Il2rgtm1Wjl/SzJ)

Record Creation Time: 20230226T042341+0000

Record Last Update: 20260808T185355+0000

Ratings and Alerts

No rating or validation information has been found for NOD-scid IL2R³null (NOD.Cg-Prkdcscid Il2rgtm1Wjl/SzJ).

No alerts have been found for NOD-scid IL2R³null (NOD.Cg-Prkdcscid Il2rgtm1Wjl/SzJ).

Data and Source Information

Source: [Integrated Animals](#)

Source Database: BCBC, Beta Cell Biology Consortium

Usage and Citation Metrics

We found 283 mentions in open access literature.

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

Schoonbeek MC, et al. (2026) Ex vivo drug sensitivity profiling to complement molecular profiling in pediatric precision oncology. NPJ precision oncology, 10(1).

Pillarisetti K, et al. (2026) Ramantamig (JNJ-79635322), a novel T-cell-engaging trispecific antibody targeting BCMA, GPRC5D, and CD3, in multiple myeloma models. Blood, 147(8), 834.

Zong L, et al. (2026) Targeting the HERV-K102 envelope elicits pyroptosis and represents a novel therapeutic strategy for acute myeloid leukemia. Blood research, 61(1).

Rosenthal KJ, et al. (2026) AKAP2 is required for assembly of cytoskeletal signaling complexes that promote growth and metastasis of triple-negative breast cancer. The Journal of biological chemistry, 302(4), 111329.

Aggarwal D, et al. (2026) Patient-derived organoid xenografts reveal the multifaceted role of the lncRNA MALAT1 in breast cancer progression. bioRxiv : the preprint server for biology.

Abd El-Salam M, et al. (2026) Synergistic effects through targeting the PI3K and IGFR pathways in treating lung cancer carrying activation alterations along the PI3K pathway. Translational oncology, 67, 102753.

Li X, et al. (2026) CISAT, a CoPP-Induced lncRNA, Improves Cardiac Mesenchymal Progenitor Cell Survival and Myocardial Repair via SFPQ/NRF2/p38 Redox Regulation. Cells, 15(6).

Hoffmann A, et al. (2026) Animal-origin-free method for generating blood vessel organoids. Scientific reports, 16(1).

Lattke M, et al. (2026) Single-cell atlas of the developing Down syndrome brain cortex. Nature medicine, 32(3), 1061.

Xu Y, et al. (2026) NF2 loss malignantly transforms human pancreatic acinar cells and enhances cell fitness under environmental stress. The Journal of clinical investigation, 136(1).

Suresh V, et al. (2026) Modelling EWS::FLI1 protein fluctuations reveal determinants of tumor plasticity in Ewing sarcoma. EMBO molecular medicine, 18(2), 646.

Elrod R, et al. (2026) Intraperitoneal G-CSF Stimulation Achieves Human-like Neutrophil Levels in NSG Mice Without Inducing Systemic Inflammation. International journal of

molecular sciences, 27(11).

Flaherty RL, et al. (2026) LOX Inhibition Disrupts a Collagen-Integrin-MYC Axis to Suppress Progression of Invasive Lobular Carcinoma. *Cancer research*, 86(10), 2487.

Mitra A, et al. (2026) Rhabdoid tumors as a novel target for PSMA-directed CAR T cell therapy. *Molecular therapy. Oncology*, 34(1), 201125.

Heinze S, et al. (2026) A measles virus encoding a CD19/CD3 bispecific T cell engager shows enhanced preclinical anti-BCP-ALL efficacy without significant toxicity. *Molecular therapy. Oncology*, 34(1), 201127.

Serrano A, et al. (2026) Genetic barcoding uncovers the clonal makeup of solid and liquid biopsies and their ability to capture intra-tumoral heterogeneity. *Molecular systems biology*, 22(5), 659.

Monavarian M, et al. (2026) Anoikis resistance and metastasis of ovarian cancer can be overcome by CDK8/19 mediator kinase inhibition. *JCI insight*, 11(4).

Wang SZ, et al. (2026) Lipocalin 2 orchestrates resistance to ferroptosis via AXL. *Cell reports*, 45(3), 116965.

Takano K, et al. (2026) DS-3939a: A TA-MUC1-Directed Antibody-Drug Conjugate with Broad Antitumor Activity. *Molecular cancer therapeutics*, 25(1), 7.

Yuan F, et al. (2026) Glioblastoma stem cells resist cuproptosis with circadian variation of copper levels. *The Journal of clinical investigation*, 136(1).