

Resource Summary Report

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Benchling

RRID:SCR_013955

Type: Tool

Proper Citation

Benchling (RRID:SCR_013955)

Resource Information

URL: <https://benchling.com>

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Description: An online resource which helps researchers manage and organize labs and experimental results by supplying molecular biology software tools for experimental design and data analysis. Benchling provides tools for functions such as primer design and colony counting as well as CRISPR guide design and automated Gibson and Golden Gate cloning. Users can take notes in line with data, link data across entries, keep files and data in one place, and manage and keep track of team progress. An enterprise version of Benchling is available for scientists working within an organization with additional administrative, compliance, and security protocols.

Resource Type: computational hosting, service resource, software resource, web application

Keywords: web application, computational hosting, lab management, organization, collaboration, Crispr

Funding: Andreessen Horowitz

Availability: Free, Public

Resource Name: Benchling

Resource ID: SCR_013955

License URLs: <https://benchling.com/terms>

Record Creation Time: 20220129T080318+0000

Record Last Update: 20260905T132741+0000

Ratings and Alerts

No rating or validation information has been found for Benchling.

No alerts have been found for Benchling.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1579 mentions in open access literature.

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

Myers JA, et al. (2026) E-cadherin expression promotes tumor growth via KLRG1-dependent pathways. *Journal of immunology* (Baltimore, Md. : 1950), 215(4).

Eriksson J, et al. (2026) Single-Cell Lineage Tracing Uncovers Resistance Signatures and Sensitizing Strategies to FLT3 Inhibitors in Acute Myeloid Leukemia. *Cancer research*, 86(7), 1724.

Lee J, et al. (2026) Perturbation of genes linked to common schizophrenia risk variants identifies cilia programs. *bioRxiv : the preprint server for biology*.

Yu Q, et al. (2026) Promoting Autophagy Mitigates Stress-Induced Remodeling in Patient iPSC-CMs with the Phospholamban R9C Mutation. *Advanced science* (Weinheim, Baden-Wuerttemberg, Germany), 13(7), e11480.

Juanpere-Borras M, et al. (2026) Genome-wide Identification of conditionally essential genes supporting *Streptococcus suis* growth in serum and cerebrospinal fluid. *Virulence*, 17(1), 2600145.

Campbell AS, et al. (2026) Molecular insights into electroreceptor ribbon synapses from differential gene expression in sturgeon lateral line organs. *Journal of anatomy*, 248(5), 784.

Huang R, et al. (2026) IAPeZ retrotransposons regulate the first lineage segregation in mouse pre-implantation development. *Nucleic acids research*, 54(11).

Liu X, et al. (2026) Proximity labeling proteomics maps radial glial ciliary proteins across the developing telencephalon. *Cell reports*, 45(5), 117355.

Akimbekova A, et al. (2026) Integrated RPA-CRISPR/Cas12a Technology for Rapid Detection of *Salmonella enterica*. *Diagnostics* (Basel, Switzerland), 16(9).

Sichlinger L, et al. (2026) Schizophrenia risk gene ZNF804A controls ribosome localization and synaptogenesis in developing human neurons. *Science advances*, 12(21), eaea0755.

Liao X, et al. (2026) CRISPR/Cas12a-assisted visual and on-site detection of porcine circovirus type 2. *BMC veterinary research*, 22(1).

Bogenschutz EL, et al. (2026) Modeling patient variants of Cnot1 and Cdc42bpb results in distinct forms of congenital diaphragmatic hernia in mice. *bioRxiv : the preprint server for biology*.

Mariner-Faulí M, et al. (2026) Dual role of ZIC2 during neural induction: from priming transcription factor to enhancer activator. *Nucleic acids research*, 54(8).

Song J, et al. (2026) Ligustroflavone protects against acute kidney injury by inhibiting ferroptosis via acting on GSK3 β /NRF2 signaling. *International journal of molecular medicine*, 58(1).

Humer D, et al. (2026) NR2F6 deletion revives CAR-T cell function and induces antigen-agnostic immune memory in solid tumors. *Nature communications*, 17(1).

Wasson SR, et al. (2026) A Transgenic Syrian Hamster Model for New World Hemorrhagic Fever Mammarenavirus Infection. *Research square*.

Seibert M, et al. (2026) Endogenous protein tagging coupled with a CRISPR screening approach identifies UBE3C as a potential MYC oncogene regulator. *Scientific reports*, 16(1).

Milenkovic A, et al. (2026) Allele-specific suppression of pathogenic bestrophin-1 transcripts by CRISPR/Cas9-mediated genome editing. *Genome medicine*, 18(1).

Wan J, et al. (2026) MAPK Pathway Mutations Emerge in Mutant IDH1 Inhibitor-Resistant Cholangiocarcinoma and Attenuate the IFN Response. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 32(5), 925.

Herrle N, et al. (2026) The transaminase- α -amidase pathway senses oxidative stress to control glutamine metabolism and α -ketoglutarate levels in endothelial cells. *The EMBO journal*, 45(3), 820.