

Resource Summary Report

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TWIST Bioscience

RRID:SCR_025817

Type: Tool

Proper Citation

TWIST Bioscience (RRID:SCR_025817)

Resource Information

URL: <https://www.twistbioscience.com>

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Description: Public biotechnology company based in South San Francisco that manufactures synthetic DNA and DNA products, makes gene synthesis, oligo pools, exome, NGS target enrichment, variant libraries and other synthetic DNA tools. Researchers can access quality tools for more accurate NGS, highly customizable Gene Synthesis at scales that fit any workflow, more accurate genomic screens that require fewer resources, and libraries with optimized discovery power as every variant is directly synthesized.

Resource Type: commercial organization

Keywords: manufactures synthetic DNA and DNA products, gene synthesis, oligo pools, exome, NGS target enrichment, variant libraries, synthetic DNA,

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Record Creation Time: 20241001T053245+0000

Record Last Update: 20260815T183225+0000

Ratings and Alerts

No rating or validation information has been found for TWIST Bioscience.

No alerts have been found for TWIST Bioscience.

Data and Source Information

Usage and Citation Metrics

We found 49 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Skaliter O, et al. (2026) Targeted Gene Modification of HMGR Enhances Biosynthesis of Terpenoid and Phenylpropanoid Volatiles in Petunia and Lettuce. International journal of molecular sciences, 27(3).

Debiais-Thibaud M, et al. (2026) Transcriptomic signature of differentiating catshark cartilage unravels the co-evolution of the Spp2 gene family with skeletal mineralisation in cartilaginous fish. BMC biology, 24(1).

Devarakonda Y, et al. (2026) Immunogenic insights and experimental validation of a multiepitope vaccine construct against Streptococcus pneumoniae. Frontiers in immunology, 17, 1781081.

Andreani J, et al. (2026) Severe Respiratory Illness and Death Associated with Outbreak of Human Rhinovirus B14 among Older Adults, France, 2024. Emerging infectious diseases, 32(5), 768.

Michels S, et al. (2026) Multimodal analysis of cell-free DNA identifies epigenetic biomarkers for amyotrophic lateral sclerosis diagnosis and progression. bioRxiv : the preprint server for biology.

Williams CT, et al. (2026) Multiplex PCR to Differentiate Monkeypox Virus Clades. Emerging infectious diseases, 32(2), 250.

Yoshimoto D, et al. (2026) Downregulation of HLA Class I Expression through HLA-A DNA Methylation Is Associated with Reduced CD8+ T-cell Infiltration in Cervical Cancer. Cancer immunology research, 14(1), 77.

Gameiro PA, et al. (2026) Meta-unstable mRNAs in activated CD8+ T cells are defined by interlinked AU-rich elements and m6A mRNA methylation. Nature communications, 17(1), 160.

Kalidass M, et al. (2026) The C-terminal SUMOylation-dependent regulation of KNL2 governs its centromere targeting and interaction with CENH3. Plant communications, 7(2), 101617.

Karaaslan E, et al. (2026) Confirming ERVEBO Vaccination to Support Ebola Virus Surveillance. Emerging infectious diseases, 32(4), 533.

Lee S, et al. (2026) Functional characterization of SDHB variants clarifies hereditary pheochromocytoma and paraganglioma risk and genotype-phenotype relationships. The Journal of clinical investigation, 136(4).

Pedroza Romo MJ, et al. (2026) Optimal 1TEL-target protein linker character is target protein-dependent. *Acta crystallographica. Section D, Structural biology*, 82(Pt 5), 516.

Ahmed S, et al. (2026) Identification of the ACTB p.Ser348Leu de novo variant in individuals with syndromic neonatal diabetes. *EBioMedicine*, 128, 106286.

David P, et al. (2026) The fluorescence-activating and absorption-shifting tag (FAST), a versatile protein marker for live plant cell imaging. *The Plant journal : for cell and molecular biology*, 126(5), e70966.

Michels S, et al. (2026) Multimodal analysis of cell-free DNA identifies epigenetic biomarkers for amyotrophic lateral sclerosis diagnosis and progression. *The Journal of clinical investigation*, 136(11).

Li S, et al. (2026) PRECISE: A Prognostic Thyrocyte-Derived Gene Signature for Papillary Thyroid Carcinoma. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 32(13), 2667.

Russell VV, et al. (2025) A network of coiled-coil and actin-like proteins controls the cellular organization of magnetosome organelles in deep-branching magnetotactic bacteria. *Nature communications*, 16(1), 11453.

Zhang P, et al. (2025) Systematic representation and optimization enable the inverse design of cross-species regulatory sequences in bacteria. *Nature communications*, 16(1), 1763.

Bradburne C, et al. (2025) Genomic Surveillance Detection of SARS-CoV-1-Like Viruses in Rhinolophidae Bats, Bandarban Region, Bangladesh. *Emerging infectious diseases*, 31(8), 1652.

Tesi B, et al. (2025) Validation of Guidelines for Genetic Investigation of Myeloid Neoplasms with Germline Predisposition: Results from a Prospective Cohort Study. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 31(14), 3062.