

Resource Summary Report

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DNASTAR: Lasergene Core Suite

RRID:SCR_000291

Type: Tool

Proper Citation

DNASTAR: Lasergene Core Suite (RRID:SCR_000291)

Resource Information

URL: <http://www.dnastar.com/t-sub-solutions-molecular-biology-Sanger-Sequence-Assembly.aspx>

Proper Citation: DNASTAR: Lasergene Core Suite (RRID:SCR_000291)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on July 31,2025. Software suite for the assembly and analysis of Sanger sequencing data within the SeqMan Pro application. The software's functions include: assembling reads into groups based on sequence names, trimming vector and poor quality data, restoration of sequence ends and designing of sequence primers.

Synonyms: Lasergene Molecular Biology Suite, Sanger Sequence Assembly Software, DNASTAR's Lasergene Core Suite software, Lasergene Core Suite

Resource Type: software resource, software toolkit

Defining Citation: [PMID:10547832](#)

Keywords: rna, dna, sequence, restoration, primer, snp

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: DNASTAR: Lasergene Core Suite

Resource ID: SCR_000291

Alternate IDs: OMICS_01811

Record Creation Time: 20220129T080200+0000

Record Last Update: 20260829T183049+0000

Ratings and Alerts

No rating or validation information has been found for DNASTAR: Lasergene Core Suite.

No alerts have been found for DNASTAR: Lasergene Core Suite.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Tighe A, et al. (2025) Screening a living biobank identifies cabazitaxel as a strategy to combat acquired taxol resistance in high-grade serous ovarian cancer. *Cell reports. Medicine*, 6(6), 102160.

Tjader NP, et al. (2024) Association of ESR1 Germline Variants with TP53 Somatic Variants in Breast Tumors in a Genome-wide Study. *Cancer research communications*, 4(6), 1597.

Ata G, et al. (2021) Edging on Mutational Bias, Induced Natural Selection From Host and Natural Reservoirs Predominates Codon Usage Evolution in Hantaan Virus. *Frontiers in microbiology*, 12, 699788.

Chen F, et al. (2021) Functional convergence of a germline-encoded neutralizing antibody response in rhesus macaques immunized with HCV envelope glycoproteins. *Immunity*, 54(4), 781.

Nyitrai H, et al. (2020) ELKS1 Captures Rab6-Marked Vesicular Cargo in Presynaptic Nerve Terminals. *Cell reports*, 31(10), 107712.

Tay YD, et al. (2019) Fission Yeast NDR/LATS Kinase Orb6 Regulates Exocytosis via Phosphorylation of the Exocyst Complex. *Cell reports*, 26(6), 1654.

Nobre LV, et al. (2019) Human cytomegalovirus interactome analysis identifies degradation hubs, domain associations and viral protein functions. *eLife*, 8.

Wang H, et al. (2019) ORP2 Delivers Cholesterol to the Plasma Membrane in Exchange for Phosphatidylinositol 4, 5-Bisphosphate (PI(4,5)P2). *Molecular cell*, 73(3), 458.

Cárdenas A, et al. (2018) Evolution of Cortical Neurogenesis in Amniotes Controlled by Robo Signaling Levels. *Cell*, 174(3), 590.

Upadhyay AA, et al. (2018) BALDR: a computational pipeline for paired heavy and light chain immunoglobulin reconstruction in single-cell RNA-seq data. *Genome medicine*, 10(1), 20.

Zaikos TD, et al. (2018) Hematopoietic Stem and Progenitor Cells Are a Distinct HIV Reservoir that Contributes to Persistent Viremia in Suppressed Patients. *Cell reports*, 25(13), 3759.

Aguilar OA, et al. (2017) A Viral Immuno-evasin Controls Innate Immunity by Targeting the Prototypical Natural Killer Cell Receptor Family. *Cell*, 169(1), 58.

Zechmann M, et al. (2013) Chicken CRTAM binds nectin-like 2 ligand and is upregulated on CD8⁺ ?? and ?? T lymphocytes with different kinetics. *PloS one*, 8(12), e81942.

Cohnstaedt LW, et al. (2011) Phylogenetics of the phlebotomine sand fly group *Verrucarum* (Diptera: Psychodidae: Lutzomyia). *The American journal of tropical medicine and hygiene*, 84(6), 913.

Shemirani AI, et al. (2011) The role of kras mutations and MSI status in diagnosis of colorectal cancer. *Gastroenterology and hepatology from bed to bench*, 4(2), 70.

Wang QH, et al. (2005) Porcine noroviruses related to human noroviruses. *Emerging infectious diseases*, 11(12), 1874.

Knaut H, et al. (2000) Zebrafish vasa RNA but not its protein is a component of the germ plasm and segregates asymmetrically before germline specification. *The Journal of cell biology*, 149(4), 875.