

Resource Summary Report

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DataAssist

RRID:SCR_014969

Type: Tool

Proper Citation

DataAssist (RRID:SCR_014969)

Resource Information

URL: <https://www.thermofisher.com/us/en/home/technical-resources/software-downloads/dataassist-software.html>

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Description: Data analysis tool that utilizes the Comparative CT (ddCT) method to rapidly and accurately quantitate relative gene expression across a large number of genes and samples. Raw input from plates or arrays can be analyzed according to user-determined settings.

Synonyms: DataAssist Software

Resource Type: data analysis software, data processing software, software application, data visualization software, software resource

Keywords: ddCT, QC analysis, comparative ct, gene expression, data analysis, gene, plot

Availability: Free, Available for download, Account required

Resource Name: DataAssist

Resource ID: SCR_014969

License: The license for using this software is limited to data generated from Applied Biosystems Real-Time PCR instrumentation.

Record Creation Time: 20220129T080323+0000

Record Last Update: 20260810T040614+0000

Ratings and Alerts

No rating or validation information has been found for DataAssist.

No alerts have been found for DataAssist.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 458 mentions in open access literature.

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

Wilson A, et al. (2026) Inhibiting stearyl-CoA desaturase suppresses bone metastatic prostate cancer by modulating cellular stress, mTOR signaling, and DNA damage response. *FEBS letters*, 600(7), 1043.

Peng R, et al. (2026) A multifaceted model of *Entamoeba histolytica* KERP2 regulating gene expression and host cell responses. *Nature communications*, 17(1).

Smith KLM, et al. (2026) Fetal programming of the cardiac mitochondrial permeability transition pore in male offspring from hypoxic pregnancies. *Redox biology*, 89, 103975.

Mi Z, et al. (2026) A new approach for understanding the association between chronic stress in childhood and psychotic symptoms in schizophrenia patients from mediating role of lncRNA. *Schizophrenia (Heidelberg, Germany)*, 12(1).

Gralewska P, et al. (2025) Olaparib Combined with DDR Inhibitors Effectively Prevents EMT and Affects miRNA Regulation in TP53-Mutated Epithelial Ovarian Cancer Cell Lines. *International journal of molecular sciences*, 26(2).

Amanollahi R, et al. (2025) In Vitro Embryo Culture Impacts Heart Mitochondria in Male Adolescent Sheep. *Journal of developmental biology*, 13(2).

Kong L, et al. (2025) An Alternative Approach to Future Diagnosis: Can Generalized Anxiety Disorder Be Distinguished From Major Depressive Disorder, Healthy People by Differentially Expressed lncRNAs in Peripheral Blood. *Neuropsychiatric disease and treatment*, 21, 729.

McGillick EV, et al. (2025) Antenatal Vitamin C differentially affects lung development in normally grown and growth restricted sheep. *Pediatric research*, 98(1), 256.

Al-Abbas NS, et al. (2025) TRIM26 as a dual regulator of ferroptosis and chemoresistance in gastric cancer through HSF1 ubiquitination and exosomal miR-24-3p signaling. *Translational oncology*, 60, 102489.

Shoeb MR, et al. (2025) A stem cell differentiation model reveals two alternative fates in CBFA2T3::GLIS2-driven acute megakaryoblastic leukemia initiation. *Communications biology*, 8(1), 1289.

Song HT, et al. (2025) Abnormally expressed lncRNAs as potential biomarkers for schizophrenia and positive symptoms. *Science progress*, 108(4), 368504251389459.

Rodriguez-Saona C, et al. (2025) Phytoplasma infection renders cranberries more susceptible to above- and belowground insect herbivores. *Insect science*, 32(3), 957.

Pandey S, et al. (2025) Characterization, expression, and mutational analysis of endosomal protein lethal giant disc (Lgd/CC2D1A) as a biomarker in patients with T-cell acute lymphoblastic leukemia. *Discover oncology*, 16(1), 2066.

Amanollahi R, et al. (2025) Elevated cortisol concentration in preterm sheep fetuses impacts heart development. *Experimental physiology*, 110(12), 1928.

Ferreira AF, et al. (2025) Blood DDIT4 and TRIM13 Transcript Levels Mark the Early Stages of Machado-Joseph Disease. *Annals of neurology*, 98(1), 107.

Singh V, et al. (2024) Exploring novel protein biomarkers for early-stage diagnosis and prognosis of T-acute lymphoblastic leukemia (T-ALL). *Hematology, transfusion and cell therapy*, 46 Suppl 6(Suppl 6), S93.

Munshi S, et al. (2024) Increased expression of ER stress, inflammasome activation, and mitochondrial biogenesis-related genes in peripheral blood mononuclear cells in major depressive disorder. *Research square*.

Singh S, et al. (2024) Profiling CARD14 gene expression in Indian Psoriasis patients. *Scientific reports*, 14(1), 28798.

McGillick EV, et al. (2024) Chronic fetal hypoxia and antenatal Vitamin C exposure differentially regulate molecular signalling in the lung of female lambs in early adulthood. *Frontiers in physiology*, 15, 1488152.

Carron J, et al. (2024) The impact of ERP29 on the progression of pharyngeal squamous cell carcinoma. *Scientific reports*, 14(1), 25681.