

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 visualization software, data analysis software, software application, software resource, data processing software

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: 20260801T190510+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 454 mentions in open access literature.

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

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.

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.

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.

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

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.

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

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.

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.

Di Emidio G, et al. (2024) NAD⁺ Metabolism and Mitochondrial Activity in the Aged Oocyte: Focus on the Effects of NAMPT Stimulation. *Aging and disease*, 15(6), 2828.

Langwiński W, et al. (2024) An optimized QIAzol-based protocol for simultaneous miRNA, RNA, and protein isolation from precision-cut lung slices (PCLS). *Respiratory research*, 25(1), 422.

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

Biegańska A, et al. (2024) Uncovering miRNA-mRNA Regulatory Networks Related to Olaparib Resistance and Resensitization of BRCA2MUT Ovarian Cancer PEO1-OR Cells with the ATR/CHK1 Pathway Inhibitors. *Cells*, 13(10).

Zakowicz P, et al. (2024) Peripheral Brain-Derived Neurotrophic Factor (BDNF) and Its Regulatory miRNAs as Biological Correlates of Impulsivity in Young Adults. *Metabolites*, 14(10).