

Resource Summary Report

Generated by RRID on Aug 7, 2026

Thermo Fisher: Applied Biosystems: Step One Plus Real-Time PCR System

RRID:SCR_025855

Type: Tool

Proper Citation

Thermo Fisher: Applied Biosystems: Step One Plus Real-Time PCR System
(RRID:SCR_025855)

Resource Information

URL: https://assets.thermofisher.com/TFS-Assets/LSG/manuals/cms_046739.pdf

Proper Citation: Thermo Fisher: Applied Biosystems: Step One Plus Real-Time PCR System (RRID:SCR_025855)

Description: Real-time PCR system that enables precise quantitative real-time PCR results. High-quality qPCR results, 4-color, 96-well PCR instrument.

Resource Type: instrument resource

Keywords: Real-time PCR, quantitative real-time PCR,

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_025855.pdf

Resource Name: Thermo Fisher: Applied Biosystems: Step One Plus Real-Time PCR System

Resource ID: SCR_025855

Alternate IDs: Model_Number_Step_One_Plus

Record Creation Time: 20241005T053245+0000

Record Last Update: 20260801T191327+0000

Ratings and Alerts

No rating or validation information has been found for Thermo Fisher: Applied Biosystems: Step One Plus Real-Time PCR System.

No alerts have been found for Thermo Fisher: Applied Biosystems: Step One Plus Real-Time PCR System.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 28 mentions in open access literature.

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

Nagasse HY, et al. (2026) TDP43 and hnRNP K Regulate Alternative Splicing of DNAJC5. *Cell biology international*, 50(4), e70158.

Birenboim M, et al. (2024) In Pursuit of Optimal Quality: Cultivar-Specific Drying Approaches for Medicinal Cannabis. *Plants (Basel, Switzerland)*, 13(7).

Park EH, et al. (2023) Protective effect of Buddha's Temple extract against tert-butyl hydroperoxide stimulation-induced oxidative stress in DF-1 cells. *Animal bioscience*, 36(7), 1120.

Duanis-Assaf D, et al. (2022) Double-stranded RNA targeting fungal ergosterol biosynthesis pathway controls *Botrytis cinerea* and postharvest grey mould. *Plant biotechnology journal*, 20(1), 226.

Bushau-Sprinkle AM, et al. (2021) Na/H Exchange Regulatory Factor 1 Deficient Mice Show Evidence of Oxidative Stress and Altered Cisplatin Pharmacokinetics. *Antioxidants (Basel, Switzerland)*, 10(7).

Bourbour S, et al. (2021) Efficacy of 16S rRNA variable regions high-resolution melt analysis for bacterial pathogens identification in periprosthetic joint infections. *BMC microbiology*, 21(1), 112.

Zhou AX, et al. (2021) A simple assay to quantify mycobacterial lipid antigen-specific T cell receptors in human tissues and blood. *PLoS neglected tropical diseases*, 15(12), e0010018.

Opron K, et al. (2021) Lung microbiota associations with clinical features of COPD in the SPIROMICS cohort. *NPJ biofilms and microbiomes*, 7(1), 14.

Alvarez-Suarez P, et al. (2021) Drebrin Regulates Acetylcholine Receptor Clustering and Organization of Microtubules at the Postsynaptic Machinery. *International journal of molecular sciences*, 22(17).

Abughanam G, et al. (2019) Mesenchymal Stem Cells Extract (MSCsE)-Based Therapy Alleviates Xerostomia and Keratoconjunctivitis Sicca in Sjogren's Syndrome-Like Disease. *International journal of molecular sciences*, 20(19).

Maehara O, et al. (2019) Metformin Regulates the Expression of CD133 Through the AMPK-CEBP β Pathway in Hepatocellular Carcinoma Cell Lines. *Neoplasia* (New York, N.Y.), 21(6), 545.

Lin Y, et al. (2019) Combination of polyetherketoneketone scaffold and human mesenchymal stem cells from temporomandibular joint synovial fluid enhances bone regeneration. *Scientific reports*, 9(1), 472.

Zhao L, et al. (2019) Paracrine-endocrine FGF chimeras as potent therapeutics for metabolic diseases. *EBioMedicine*, 48, 462.

LaFlamme A, et al. (2018) Alternative splicing of (ppp1r12a/mypt1) in zebrafish produces a novel myosin phosphatase targeting subunit. *Gene*, 675, 15.

Kang J, et al. (2018) Secoisolariciresinol diglucoside inhibits adipogenesis through the AMPK pathway. *European journal of pharmacology*, 820, 235.

Takano A, et al. (2017) Angiopoietin-like protein 2 is a positive regulator of osteoblast differentiation. *Metabolism: clinical and experimental*, 69, 157.

Bernadzki KM, et al. (2017) Liprin- γ -1 is a novel component of the murine neuromuscular junction and is involved in the organization of the postsynaptic machinery. *Scientific reports*, 7(1), 9116.

Broecker-Preuss M, et al. (2017) Regulation of glucose uptake in lymphoma cell lines by c-MYC- and PI3K-dependent signaling pathways and impact of glycolytic pathways on cell viability. *Journal of translational medicine*, 15(1), 158.

Sakai S, et al. (2016) Increased fibrosis and impaired intratumoral accumulation of macromolecules in a murine model of pancreatic cancer co-administered with FGF-2. *Journal of controlled release : official journal of the Controlled Release Society*, 230, 109.

Mensah VA, et al. (2016) Safety, Immunogenicity and Efficacy of Prime-Boost Vaccination with ChAd63 and MVA Encoding ME-TRAP against *Plasmodium falciparum* Infection in Adults in Senegal. *PloS one*, 11(12), e0167951.