## **Resource Summary Report**

Generated by RRID on Apr 20, 2025

# StepOnePlus Real-Time PCR System

RRID:SCR 015805

Type: Tool

## **Proper Citation**

StepOnePlus Real-Time PCR System (RRID:SCR\_015805)

#### **Resource Information**

URL: https://www.thermofisher.com/order/catalog/product/4376600

**Proper Citation:** StepOnePlus Real-Time PCR System (RRID:SCR\_015805)

**Description:** Equipment and software system that is a real-time thermal cycler for intuitive data analysis of polymerase chain reactions. It comes with analysis software, instrument control software, and a LED-based 4-color optical recording feature.

Synonyms: StepOnePlus, StepOnePlus™ Real-Time PCR System

**Resource Type:** instrument resource, software application, data acquisition software, software resource, data processing software

**Keywords:** image acquisition software, genotype, real time pcr, qPCR, thermal cycler, hardware, pcr, polymerase chain reaction, instrument, equipment

**Funding:** 

Availability: Commercially available, Available for purchase, Runs on Windows

Resource Name: StepOnePlus Real-Time PCR System

Resource ID: SCR\_015805

**Record Creation Time:** 20220129T080327+0000

**Record Last Update:** 20250420T014744+0000

## **Ratings and Alerts**

No rating or validation information has been found for StepOnePlus Real-Time PCR System.

No alerts have been found for StepOnePlus Real-Time PCR System.

#### **Data and Source Information**

Source: SciCrunch Registry

## **Usage and Citation Metrics**

We found 34 mentions in open access literature.

**Listed below are recent publications.** The full list is available at RRID.

Sasaki M, et al. (2025) Efficacy of CBP/p300 Dual Inhibitors against Derepression of KREMEN2 in cBAF-Deficient Cancers. Cancer research communications, 5(1), 24.

Kinoshita S, et al. (2024) Rejuvenated iPSC-derived GD2-directed CART Cells Harbor Robust Cytotoxicity Against Small Cell Lung Cancer. Cancer research communications, 4(3), 723.

Zheng SM, et al. (2024) MILIP Binding to tRNAs Promotes Protein Synthesis to Drive Triple-Negative Breast Cancer. Cancer research, 84(9), 1460.

Sasaki Y, et al. (2024) Synergistic anti-tumor effects of oncolytic virus and anti-programmed cell death protein 1 antibody combination therapy: For suppression of lymph node and distant metastasis in a murine melanoma model. Biochemical and biophysical research communications, 740, 151011.

Wu CY, et al. (2024) Natural Linoleic Acid from Marine Fungus Eutypella sp. F0219 Blocks KEAP1/NRF2 Interaction and Ameliorates MASLD by Targeting FABP4. Free radical biology & medicine, 224, 630.

Rao Y, et al. (2024) Identification of a natural PLA2 inhibitor from the marine fungus Aspergillus sp. c1 for MAFLD treatment that suppressed lipotoxicity by inhibiting the IRE-1?/XBP-1s axis and JNK signaling. Acta pharmaceutica Sinica. B, 14(1), 304.

Gobbini A, et al. (2023) Protocol for the detection of defined T cell clones in a heterogeneous cell population. STAR protocols, 5(1), 102787.

Lin CW, et al. (2023) Light activates Ube3a, an Angelman syndrome-associated gene, by mediating the chromatin structures during postnatal development of mouse retina. Journal of neurochemistry, 167(6), 766.

Shin M, et al. (2023) Generation and application of endogenously floxed alleles for cell-specific knockout in zebrafish. Developmental cell, 58(22), 2614.

Zhang L, et al. (2023) Allicin ameliorates imiquimod-induced psoriasis-like skin inflammation via disturbing the interaction of keratinocytes with IL-17A. British journal of pharmacology, 180(5), 628.

van der Vlist M, et al. (2022) Macrophages transfer mitochondria to sensory neurons to resolve inflammatory pain. Neuron, 110(4), 613.

Fernández-Pisonero I, et al. (2022) A hotspot mutation targeting the R-RAS2 GTPase acts as a potent oncogenic driver in a wide spectrum of tumors. Cell reports, 38(11), 110522.

Krauß L, et al. (2022) HDAC2 Facilitates Pancreatic Cancer Metastasis. Cancer research, 82(4), 695.

Sanchez-Roige S, et al. (2022) A mutant allele of glycoprotein M6-B (Gpm6b) facilitates behavioral flexibility but increases delay discounting. Genes, brain, and behavior, 21(4), e12800.

Kudo K, et al. (2022) Secreted phospholipase A2 modifies extracellular vesicles and accelerates B cell lymphoma. Cell metabolism, 34(4), 615.

Suzuki T, et al. (2022) Downregulation of Bdnf Expression in Adult Mice Causes Body Weight Gain. Neurochemical research, 47(9), 2645.

Rao Y, et al. (2022) A novel HSF1 activator ameliorates non-alcoholic steatohepatitis by stimulating mitochondrial adaptive oxidation. British journal of pharmacology, 179(7), 1411.

Santeford A, et al. (2021) Loss of Mir146b with aging contributes to inflammation and mitochondrial dysfunction in thioglycollate-elicited peritoneal macrophages. eLife, 10.

Rao Y, et al. (2021) Gut Akkermansia muciniphila ameliorates metabolic dysfunctionassociated fatty liver disease by regulating the metabolism of L-aspartate via gut-liver axis. Gut microbes, 13(1), 1.

Pfeiffer S, et al. (2021) AMPK-regulated miRNA-210-3p is activated during ischaemic neuronal injury and modulates PI3K-p70S6K signalling. Journal of neurochemistry, 159(4), 710.