

Resource Summary Report

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Bio-Rad: CFX384 Real-Time Detection System

RRID:SCR_018057

Type: Tool

Proper Citation

Bio-Rad: CFX384 Real-Time Detection System (RRID:SCR_018057)

Resource Information

URL: <https://www.bio-rad.com/en-us/product/cfx384-touch-real-time-pcr-detection-system?ID=LJB22YE8Z>

Proper Citation: Bio-Rad: CFX384 Real-Time Detection System (RRID:SCR_018057)

Description: Real Time PCR instrument in 384-well format that performs high-throughput data acquisition. System utilizes temperature control and sensitive, 4-color detection optics to deliver qPCR results for singleplex or multiplex reactions. Quickly set up runs and monitor amplification traces in real time on integrated LCD touch screen, or use CFX Maestro Software to design experiment and analyze results from connected computer.

Synonyms: Bio-Rad CFX384 Real-Time System

Resource Type: instrument resource

Keywords: ABRF, Real-Time Instrument, RT PCR, equipment, Bio Rad

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/main/PDF/SCR_018057.pdf

Resource Name: Bio-Rad: CFX384 Real-Time Detection System

Resource ID: SCR_018057

Alternate IDs: Model_Number_CFX384

Alternate URLs: https://www.bio-rad.com/webroot/web/pdf/lisr/literature/Bulletin_5639C.pdf

Record Creation Time: 20220129T080338+0000

Record Last Update: 20260905T132830+0000

Ratings and Alerts

No rating or validation information has been found for Bio-Rad: CFX384 Real-Time Detection System.

No alerts have been found for Bio-Rad: CFX384 Real-Time Detection 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 [Kravitz](#) .

Rahnama M, et al. (2026) Protocol for conditional gene expression in *Magnaporthe oryzae* via fungal nitrate reductase promoter replacement. STAR protocols, 7(1), 104334.

Lin Y, et al. (2026) Integrin CD11b/CD18 reprograms macrophage polarization by suppressing ERK/STAT3 signaling to enhance antitumor immunity in colitis-associated colorectal cancer. Journal for immunotherapy of cancer, 14(6).

Kumar A, et al. (2026) Transcription initiation profiling defines the regulatory logic of astrocyte gene regulation. bioRxiv : the preprint server for biology.

van Oost S, et al. (2026) Immune infiltration is associated with distinct transcriptional states and metabolic profiles in chordomas. iScience, 29(5), 115668.

Ding C, et al. (2026) MYO1G Facilitates Caveolin 1-Mediated Endocytosis of the N-Terminal Fragments of Gasdermin E to Restrain Pyroptosis and Chemotherapy Efficacy. Cancer research, 86(15), 3741.

Kim MJ, et al. (2026) Excessive epithelial mechanosensation drives nociceptive innervation and chronic bladder pain via the PIEZO1-SLC7A11-glutamate axis. Cell.

Rock RR, et al. (2026) Female-enriched *Eggerthella lenta* drives neuroinflammation and IFN- γ via host receptor TLR2. bioRxiv : the preprint server for biology.

Zhang D, et al. (2025) Solute carrier-correlated gene signature in predicting the prognosis and immunity in patients with acute myeloid leukemia. European journal of medical research, 30(1), 1107.

Tobias IC, et al. (2025) A Sox2 enhancer cluster regulates region-specific neural fates from mouse embryonic stem cells. G3 (Bethesda, Md.), 15(4).

Jolly JT, et al. (2025) Phosphatase activity is dispensable for PRL-3-mediated oncogenesis and tumor progression. bioRxiv : the preprint server for biology.

Babicheva A, et al. (2025) Store-operated Ca^{2+} entry is involved in endothelium-to-mesenchymal transition in lung vascular endothelial cells. American journal of physiology.

Lung cellular and molecular physiology, 328(6), L844.

Bestehorn A, et al. (2025) Cytoplasmic mRNA decay controlling inflammatory gene expression is determined by pre-mRNA fate decision. *Molecular cell*, 85(4), 742.

Lucero K, et al. (2025) CTCF-RNA interactions orchestrate cell-specific chromatin loop organization. *bioRxiv : the preprint server for biology*.

Zehetbauer F, et al. (2025) Transcriptional memory drives accelerated re-activation of several biosynthetic gene clusters in *Aspergillus nidulans*. *Microbiological research*, 291, 127981.

Wagner CB, et al. (2025) Rad53 regulates RNase H1, which promotes DNA replication through sites of transcription-replication conflict. *Cell reports*, 44(11), 116565.

Hosseinzadeh L, et al. (2024) The androgen receptor interacts with GATA3 to transcriptionally regulate a luminal epithelial cell phenotype in breast cancer. *Genome biology*, 25(1), 44.

Ruiz-Gabarre D, et al. (2024) Intron retention as a productive mechanism in human MAPT: RNA species generated by retention of intron 3. *EBioMedicine*, 100, 104953.

McDaniel JM, et al. (2024) p53R172H and p53R245W Hotspot Mutations Drive Distinct Transcriptomes in Mouse Mammary Tumors Through a Convergent Transcriptional Mediator. *Cancer research communications*, 4(8), 1991.

French SK, et al. (2024) Honey bee stressor networks are complex and dependent on crop and region. *Current biology : CB*, 34(9), 1893.

Narayanan R, et al. (2024) miRNA-mediated inhibition of an actomyosin network in hippocampal pyramidal neurons restricts sociability in adult male mice. *Cell reports*, 43(7), 114429.