

Resource Summary Report

Generated by SPARC SAWG on Sep 17, 2026

Primer Express

RRID:SCR_014326

Type: Tool

Proper Citation

Primer Express (RRID:SCR_014326)

Resource Information

URL: <https://www.thermofisher.com/order/catalog/product/4363991>

Proper Citation: Primer Express (RRID:SCR_014326)

Description: Software that allows users to manually or automatically design custom primers and probes for gene quantitation and allelic discrimination (SNP) real-time PCR applications. It supports assays based on TaqMan and SYBR Green I dye chemistries.

Resource Type: software application, software resource, standalone software

Keywords: primer, probe, design, gene quantitation, allelic discrimination, real time pcr

Availability: Pay for product, Specifically made for ThermoFisher Scientific RT-PCR systems

Resource Name: Primer Express

Resource ID: SCR_014326

License: Primer Express Software v3.0.1 License

License URLs: <https://www.thermofisher.com/us/en/home/global/terms-and-conditions.html>

Record Creation Time: 20220129T080320+0000

Record Last Update: 20260912T200250+0000

Ratings and Alerts

No rating or validation information has been found for Primer Express.

No alerts have been found for Primer Express.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4805 mentions in open access literature.

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

Karunanithi Nivedita A, et al. (2026) Signaling pathways regulating VDAC1 overexpression associated with apoptosis, pyroptosis, and ferroptosis. *Cell communication and signaling : CCS*, 24(1), 120.

Goldschmidt S, et al. (2026) Label-free fluorescence lifetime imaging can distinguish cancer from healthy tissue in spontaneously occurring canine oral tumors. *Scientific reports*, 16(1), 6077.

Shen W, et al. (2026) AJUBA: The Master Regulator Bridging EMT and Immune Evasion in Colorectal Cancer. *Mediators of inflammation*, 2026(1), e7828477.

Tu Y, et al. (2026) Molecular and serological evidence of Nairobi sheep disease virus in *Haemaphysalis longicornis* and sheep in eastern Shandong Peninsula, China. *Journal of veterinary internal medicine*, 40(2).

Martins AA, et al. (2026) Physicochemical Characterization, Cytotoxicity, and In Vivo Evaluation of a Hydroxyapatite-Silver Composite for Bone Regeneration. *BioMed research international*, 2026(1), e8065442.

Li SJ, et al. (2026) Development and preliminary evaluation of real-time PCR assays for six lactic acid bacteria. *Scientific reports*, 16(1), 6165.

Mishima MDV, et al. (2026) Cashew Nut Oil Improves Lipid Metabolism and Fat Liver Deposition in High-Fat Diet-Fed C57BL/6J Mice. *Lipids*, 61(1), 121.

Shi J, et al. (2026) Virus-immune signatures reveal distinct clinical phenotypes and predict prognosis in patients with Kaposi's sarcoma. *Journal of translational medicine*, 24(1).

Kong D, et al. (2026) High-throughput human microfluidic organoid-on-a-chip platform for modeling liver diseases and screening nanotherapeutics. *Journal of nanobiotechnology*, 24(1).

Phurbu D, et al. (2026) A Sensitive Real-Time PCR-Based Assay for the Identification of *Colletotrichum* in Phytosanitary and Clinical Applications. *Journal of fungi (Basel, Switzerland)*, 12(3).

Wei Y, et al. (2026) Food-based multisensory stimulation ameliorates cognitive impairment after mild traumatic brain injury in male rats by modulating intestinal and brain inflammation. *PloS one*, 21(2), e0343814.

Pych E, et al. (2026) Western Diet Downregulates Hepatic Bitter Taste Receptors: Potential Link to Altered Lipid Metabolism. *Molecular nutrition & food research*, 70(10), e70494.

Tassera L, et al. (2026) Detection of *Treponema* species associated with bovine digital dermatitis in cattle using novel real-time PCR assays. *Journal of veterinary diagnostic investigation : official publication of the American Association of Veterinary Laboratory Diagnosticians, Inc*, 38(3), 451.

Hu B, et al. (2026) A Rapid and Reliable qPCR Method for Genetic Purity Testing of BT-Type CMS Rice Seed Lots. *Current issues in molecular biology*, 48(6).

Zou J, et al. (2026) Ratoon Season Rice Reduces Methane Emissions by Limiting Acetic Acid Transport to the Rhizosphere and Inhibiting Methanogens. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(8), e07916.

Ren L, et al. (2026) Glycophagy is an ancient bilaterian pathway supporting metabolic adaptation through STBD1 structural evolution. *Communications biology*, 9(1), 268.

Pikoulas A, et al. (2026) Albumin orchestrates a natural host defence mechanism against mucormycosis. *Nature*, 649(8097), 693.

Priyadarshi S, et al. (2026) Igh nuclear speckle association promotes V(D)J recombination. *Nature communications*, 17(1).

Galliano I, et al. (2026) A Blood-Based Interferon Viral Score Defines Acute RSV Bronchiolitis in Infants. *Infectious disease reports*, 18(2).

Ramsaran LN, et al. (2026) Investigation of gene stability in equine luteal tissue during mid-diestrus phase and early pregnancy - Research Article. *BMC veterinary research*.