

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 8, 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: 20260905T133258+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 [PRECISE-TBI](#) .

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.

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).

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

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.

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).

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).

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-Wurtemberg, Germany)*, 13(8), e07916.

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

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.

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

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.

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

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.

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).

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.

Botbayev D, et al. (2026) Genetic Determinants of Radiosensitivity: Evidence of Radioresistance-Associated SNP Enrichment in Occupational Workers Chronically Exposed to Low-Dose Radiation. Genes, 17(2).