# Resource Summary Report

Generated by NIF on Sep 1, 2026

## qPrimerDepot

RRID:SCR_003469
Type: Tool

### Proper Citation

qPrimerDepot (RRID:SCR_003469)

### Resource Information

**URL:** http://primerdepot.nci.nih.gov/

**Proper Citation:** qPrimerDepot (RRID:SCR_003469)

**Description:** A database that provides quantitative real time (qRT) PCR primers for 99.96% human RefSeq sequences. For 99% of intron-bearing genes, the PCR product will cross an exon-exon border which overlaps one of the largest introns. Primers are assumed to have a uniform annealing temperature of 60C, allowing them to be used in large-scale assays.

**Abbreviations:** qPrimerDepot

**Synonyms:** qPrimerDepot - A quantitative real time PCR primer database

**Resource Type:** data or information resource, database

**Defining Citation:** PMID:17068075

**Keywords:** molecular probe, primer, quantitative real time pcr primer, refseq, quantitative real time pcr, FASEB list

**Resource Name:** qPrimerDepot

**Resource ID:** SCR_003469

**Alternate IDs:** OMICS_02324, nif-0000-03381

**Record Creation Time:** 20220129T080219+0000

**Record Last Update:** 20260829T182928+0000

### Ratings and Alerts

No rating or validation information has been found for qPrimerDepot.

No alerts have been found for qPrimerDepot.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 158 mentions in open access literature.

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


Liu F, et al. (2026) iPSC-induced multilineage liver organoids, small intestinal organoids and brain organoids sustain pangenotype hepatitis E virus propagation. Gut, 75(4), 787.

Thalassinos E, et al. (2026) Abnormalities of liver sinusoidal endothelial cells in primary biliary cholangitis. World journal of experimental medicine, 16(1), 114313.

Chaves-Perez A, et al. (2025) Metabolic adaptations direct cell fate during tissue regeneration. Nature, 643(8071), 468.

Cordier C, et al. (2025) Targeting TRPV6/CXCR4 complexes prevents castration-resistant prostate cancer metastasis to the bone. Signal transduction and targeted therapy, 10(1), 287.

Sun T, et al. (2025) ADAR1 editing is necessary for only a small subset of cytosolic dsRNAs to evade MDA5-mediated autoimmunity. Nature genetics, 57(12), 3101.

Cabré N, et al. (2025) Activation of intestinal endogenous retroviruses by alcohol exacerbates liver disease. The Journal of clinical investigation, 135(13).

Pouliquen DL, et al. (2023) Long-Chain Acyl Coenzyme A Dehydrogenase, a Key Player in Metabolic Rewiring/Invasiveness in Experimental Tumors and Human Mesothelioma Cell Lines. Cancers, 15(11).

Kopecka J, et al. (2023) Cytotoxic pathways activated by multifunctional thiosemicarbazones targeting sigma-2 receptors in breast and lung carcinoma cells. Pharmacological reports : PR, 75(6), 1588.

Zeng S, et al. (2023) Malassezia restricta promotes alcohol-induced liver injury. Hepatology communications, 7(2), e0029.

Goy E, et al. (2022) The out-of-field dose in radiation therapy induces delayed tumorigenesis by senescence evasion. eLife, 11.

Abd-Ellatef GEF, et al. (2022) Glabratephrin reverses doxorubicin resistance in triple negative breast cancer by inhibiting P-glycoprotein. Pharmacological research, 175, 105975.

Chmielowiec J, et al. (2022) Human pancreatic microenvironment promotes ?-cell differentiation via non-canonical WNT5A/JNK and BMP signaling. Nature communications, 13(1), 1952.

Salaroglio IC, et al. (2022) Mitochondrial ROS drive resistance to chemotherapy and immune-killing in hypoxic non-small cell lung cancer. Journal of experimental & clinical cancer research : CR, 41(1), 243.

Salaroglio IC, et al. (2022) SKP2 drives the sensitivity to neddylation inhibitors and cisplatin in malignant pleural mesothelioma. Journal of experimental & clinical cancer research : CR, 41(1), 75.

Song MY, et al. (2022) Sirt6 reprograms myofibers to oxidative type through CREB-dependent Sox6 suppression. Nature communications, 13(1), 1808.

Farfariello V, et al. (2022) TRPC3 shapes the ER-mitochondria Ca2+ transfer characterizing tumour-promoting senescence. Nature communications, 13(1), 956.

Hartmann P, et al. (2022) Colesevelam ameliorates non-alcoholic steatohepatitis and obesity in mice. Hepatology international, 16(2), 359.

Habel N, et al. (2021) FBXO32 links ubiquitination to epigenetic reprograming of melanoma cells. Cell death and differentiation, 28(6), 1837.

Fazio M, et al. (2021) SATB2 induction of a neural crest mesenchyme-like program drives melanoma invasion and drug resistance. eLife, 10.

Hao L, et al. (2021) 2'-Hydroxycinnamaldehyde ameliorates imiquimod-induced psoriasiform inflammation by targeting PKM2-STAT3 signaling in mice. Experimental & molecular medicine, 53(5), 875.