

Resource Summary Report

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[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: 20260801T190911+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 152 mentions in open access literature.

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

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.

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

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).

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.

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

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.

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.

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

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

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

Wang Z, et al. (2021) Reduning injection and its effective constituent luteoloside protect against sepsis partly via inhibition of HMGB1/TLR4/NF- κ B/MAPKs signaling pathways. *Journal of ethnopharmacology*, 270, 113783.

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

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

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.

Lichtenstein D, et al. (2021) A targeted transcriptomics approach for the determination of mixture effects of pesticides. *Toxicology*, 460, 152892.

Lassi M, et al. (2021) Disruption of paternal circadian rhythm affects metabolic health in male offspring via nongerm cell factors. *Science advances*, 7(22).

Hay CM, et al. (2021) The oligodendrocyte-enriched orphan G protein-coupled receptor Gpr62 is dispensable for central nervous system myelination. *Neural development*, 16(1), 6.