



## Human Oncogene Primer Library

**Catalog No:** HONC-1  
**Supplier:** RealTimePrimers  
**Lot No:** XXXXX  
**Supplied as:** solid  
**Stability:** store at -20°C

### Description

Contains 88 primer sets directed against human oncogenes and 8 housekeeping genes. Provided in a 96-well microplate (20 ul - 10 uM). Perform up to 100 PCR arrays (based on 20 ul assay volume per reaction). Just add cDNA template and SYBR green master mix.

### Gene List:

- ABL1 c-abl oncogene 1, receptor tyrosine kinase
- ABL2 v-abl Abelson murine leukemia viral oncogene homolog 2
- AKAP13 A kinase (PRKA) anchor protein 13
- AKT2 thymoma viral proto-oncogene 2
- ALK anaplastic lymphoma kinase
- AXL AXL receptor tyrosine kinase
- BCL2 B-cell leukemia/lymphoma 2
- BCL3 B-cell leukemia/lymphoma 3
- BCL6 B-cell CLL/lymphoma 6 (zinc finger protein 51)
- BRCA1 breast cancer 1
- BRCA2 breast cancer 2
- CCND1 cyclin D1
- CSF1R colony stimulating factor 1 receptor
- E2F1 E2F transcription factor 1
- E2F3 E2F transcription factor 3
- EGFR epidermal growth factor receptor
- ELK1 ELK1, member of ETS oncogene family
- ERBB2 v-erb-b2 erythroblastic leukemia viral oncogene homolog 2
- ERBB3 v-erb-b2 erythroblastic leukemia viral oncogene homolog 3
- ERBB4 v-erb-b2 erythroblastic leukemia viral oncogene homolog 4
- ERG v-ets erythroblastosis virus E26 oncogene homolog
- FES feline sarcoma oncogene
- FGF4 fibroblast growth factor 4
- FGFR2 fibroblast growth factor receptor 2
- FGR Gardner-Rasheed feline sarcoma viral (Fgr) oncogene homolog
- FOS FBJ osteosarcoma oncogene
- FOSB FBJ osteosarcoma oncogene B
- FOSL1 fos-like antigen 1
- FOSL2 fos-like antigen 2
- FOXO1 forkhead box O1
- GIP gastric inhibitory polypeptide
- GLI1 GLI-Kruppel family member GLI1
- GTF2H1 general transcription factor II H, polypeptide 1
- HGF hepatocyte growth factor
- HRAS1 Harvey rat sarcoma virus oncogene 1
- JUNB Jun-B oncogene
- JUNC Jun oncogene
- JUND Jun proto-oncogene related gene d
- KIT kit oncogene
- KRAS v-Ki-ras2 Kirsten rat sarcoma viral oncogene homolog
- LCK lymphocyte protein tyrosine kinase
- LMO1 LIM domain only 1
- LMO2 LIM domain only 2
- LYL1 lymphoblastic leukemia 1
- MAS1 MAS1 oncogene
- MCF2 mcf.2 transforming sequence
- MCF2L mcf.2 transforming sequence-like
- MDM2 transformed mouse 3T3 cell double minute 2
- MET met proto-oncogene
- MLH1 mutL homolog 1
- MLL1 myeloid/lymphoid or mixed-lineage leukemia 1
- MOS Moloney sarcoma oncogene
- MSH2 mutS homolog 2
- MYB myeloblastosis oncogene
- MYC myelocytomatosis oncogene
- MYCL1 v-myc myelocytomatosis viral oncogene homolog 1
- MYCN v-myc myelocytomatosis viral related oncogene, neuroblastoma derived
- NFKB1 nuclear factor of kappa light polypeptide gene enhancer in B-cells 1, p105
- NFKB2 nuclear factor of kappa light polypeptide gene enhancer in B-cells 2, p49/p100
- NRAS neuroblastoma ras oncogene
- NRG1 neuregulin 1
- NTRK1 neurotrophic tyrosine kinase, receptor, type 1



- PAX5 paired box gene 5
- PDGFA platelet derived growth factor, alpha
- PDGFB platelet derived growth factor, B polypeptide
- PIM1 proviral integration site 1
- PMS1 postmeiotic segregation increased 1
- PMS2 postmeiotic segregation increased 2
- RAF1 v-raf-leukemia viral oncogene 1
- RB1 retinoblastoma 1
- RET ret proto-oncogene
- ROS1 Ros1 proto-oncogene
- RUNX1 runt related transcription factor 1
- SKI ski sarcoma viral oncogene homolog
- SRC Rous sarcoma oncogene
- STAT3 signal transducer and activator of transcription 3
- STAT5B signal transducer and activator of transcription 5B
- TAL1 T-cell acute lymphocytic leukemia 1
- TAL2 T-cell acute lymphocytic leukemia 2
- TCFL2 transcription factor 12
- TFDP2 transcription factor Dp 2
- TGFB1 transforming growth factor, beta 1
- TGFB2 transforming growth factor, beta 2
- TIAM1 T-cell lymphoma invasion and metastasis 1
- TLX1 T-cell leukemia, homeobox 1
- TSC2 tuberous sclerosis 2
- VAV vav 1 oncogene
- VEGFA vascular endothelial growth factor A
- ACTB Actin, beta
- B2M Beta-2 microglobulin
- GAPD glyceraldehyde-3-phosphate dehydrogenase
- GUSB Glucuronidase, beta
- HPRT1 Hypoxanthine guanine phosphoribosyl transferase 1
- PGK1 Phosphoglycerate kinase 1
- PPIA Peptidylprolyl isomerase A
- RPL13A Ribosomal protein L13a

#### Usage

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