



Human Prostate Cancer Primer Library

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

Description

Contains 88 primer sets directed against prostate cancer associated genes 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:

- ABCC4 ATP-binding cassette, sub-family C (CFTR/MRP), member 4
- ACACA acetyl-CoA carboxylase alpha
- AKT1 v-akt murine thymoma viral oncogene homolog 1
- AMACR alpha-methylacyl-CoA racemase
- ANGPT2 angiopoietin 2
- AR androgen receptor
- ATP5D ATP synthase, H⁺ transporting, mitochondrial F1 complex, delta subunit
- AZGP1 alpha-2-glycoprotein 1, zinc-binding
- B3GAT1 beta-1,3-glucuronyltransferase 1
- BEND4 BEN domain containing 4
- BMI BMI1 proto-oncogene, polycomb ring finger
- BRAF V-raf murine sarcoma viral oncogene homolog B1
- CAMKK2 calcium/calmodulin-dependent protein kinase kinase 2, beta
- CAV1 caveolin 1, caveolae protein, 22kDa
- CDC25C cell division cycle 25C
- CDK2 cyclin-dependent kinase 2
- CGA glycoprotein hormones, alpha polypeptide
- COL1A1 collagen, type I, alpha 1
- COL1A2 collagen, type I, alpha 2
- COL9A2 collagen, type IX, alpha 2
- CRISP3 cysteine-rich secretory protein 3
- DIO2 deiodinase, iodothyronine, type II
- DLK1 delta-like 1 homolog (Drosophila)
- E2F1 E2F transcription factor 1
- ECI1 enoyl-CoA delta isomerase 1
- EGFR epidermal growth factor receptor
- ENC1 ectodermal-neural cortex 1 (with BTB domain)
- EPCAM epithelial cell adhesion molecule
- ERG v-ets avian erythroblastosis virus E26 oncogene homolog
- ETS1 v-ets erythroblastosis virus E26 oncogene homolog 1
- EZH2 enhancer of zeste 2 polycomb repressive complex 2 subunit
- F2R coagulation factor II (thrombin) receptor
- FGF10 fibroblast growth factor 10
- FGFR2 fibroblast growth factor receptor 2
- FKBP5 FK506 binding protein 5
- FOLH1 folate hydrolase 1
- FOS FBJ murine osteosarcoma viral oncogene homolog
- FOXA1 forkhead box A1
- GCNT1 glucosaminyl (N-acetyl) transferase 1, core 2
- GDF15 growth differentiation factor 15
- GJB1 gap junction protein, beta 1, 32kDa
- GOLM1 golgi membrane protein 1
- GSTP1 glutathione S-transferase pi 1
- HDAC9 histone deacetylase 9
- HOXC6 homeobox C6
- HPN hepsin
- IGF2R insulin-like growth factor 2 receptor
- IL6 interleukin 6
- ITPR2 inositol 1,4,5-trisphosphate receptor, type 2
- KLK2 kallikrein-related peptidase 2
- KLK3 kallikrein-related peptidase 3
- KLK4 kallikrein-related peptidase 4
- LOX lysyl oxidase
- MET MET proto-oncogene, receptor tyrosine kinase
- MUC1 mucin 1, cell surface associated
- MYC V-myc myelocytomatosis viral oncogene homolog (avian)
- MYCN v-myc avian myelocytomatosis viral oncogene neuroblastoma derived homolog
- NCOA1 nuclear receptor coactivator 1
- NCOA2 nuclear receptor coactivator 2
- NCOA3 nuclear receptor coactivator 3
- NCOR1 nuclear receptor corepressor 1
- NCOR2 nuclear receptor corepressor 2



- NDRG1 N-myc downstream regulated 1
- NKX3-1 NK3 homeobox 1
- NOX4 NADPH oxidase 4
- NRP1 neuropilin 1
- PCA3 prostate cancer associated 3 (non-protein coding)
- PDK1 pyruvate dehydrogenase kinase, isozyme 1
- PLXDC1 plexin domain containing 1
- PSCA prostate stem cell antigen
- PTEN phosphatase and tensin homolog
- RAB17 RAB17, member RAS oncogene family
- SIM2 single-minded family bHLH transcription factor 2
- SLC43A1 solute carrier family 43 (amino acid system L transporter), member 1
- SMAD4 SMAD family member 4
- SOX9 SRY (sex determining region Y)-box 9
- SP1 Sp1 transcription factor
- SPARC secreted protein, acidic, cysteine-rich (osteonectin)
- SPINK1 serine peptidase inhibitor, Kazal type 1
- SRC SRC proto-oncogene, non-receptor tyrosine kinase
- TGFB1 transforming growth factor, beta 1
- THBS4 thrombospondin 4
- TNFRSF21 tumor necrosis factor receptor superfamily, member 21
- TNK2 tyrosine kinase, non-receptor, 2
- TOP2A topoisomerase (DNA) II alpha 170kDa
- TRIB1 tribbles pseudokinase 1
- TSPAN13 tetraspanin 13
- VCAN versican
- ACTB Actin, beta
- B2M Beta-2-microglobulin
- GAPDH Glyceraldehyde-3-phosphate dehydrogenase
- GUSB Glucuronidase, beta
- HPRT1 Hypoxanthine phosphoribosyltransferase 1
- PGK1 Phosphoglycerate kinase 1
- PPIA Peptidylprolyl isomerase A
- RPL13A Ribosomal protein L13a

Usage

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