



Human Pancreatic Cancer Primer Library

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

Description

Contains 88 primer sets directed against pancreatic 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:

- ACVR1B activin A receptor, type IB
- ACVR2A activin A receptor, type IIA
- AKT2 v-akt murine thymoma viral oncogene homolog 2
- ANXA2 annexin A2
- ARHGDIB Rho GDP dissociation inhibitor (GDI) beta
- BIRC5 baculoviral IAP repeat containing 5
- BNIP3 BCL2/adenovirus E1B 19kDa interacting protein 3
- BRAF B-Raf proto-oncogene, serine/threonine kinase
- BRCA2 breast cancer 2, early onset
- CADM1 cell adhesion molecule 1
- CASP3 caspase 3, apoptosis-related cysteine peptidase
- CCND2 cyclin D2
- CDH1 cadherin 1, type 1, E-cadherin (epithelial)
- CDKN1C cyclin-dependent kinase inhibitor 1C (p57, Kip2)
- CDKN2A cyclin-dependent kinase inhibitor 2A
- CEACAM1 carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glycoprotein)
- CENPF centromere protein F, 350/400kDa
- CLDN4 claudin 4
- CNTNAP2 contactin associated protein-like 2
- DGKA diacylglycerol kinase, alpha 80kDa
- EGFR epidermal growth factor receptor
- ELOVL4 ELOVL fatty acid elongase 4
- EP300 E1A binding protein p300
- EPHA3 EPH receptor A3
- ERBB2 erb-b2 receptor tyrosine kinase 2
- FBXW7 F-box and WD repeat domain containing 7, E3 ubiquitin protein ligase
- FGFR1 fibroblast growth factor receptor 1
- FOXE1 forkhead box E1
- FSCN1 fascin actin-bundling protein 1
- GATA6 GATA binding protein 6
- ID1 inhibitor of DNA binding 1, dominant negative helix-loop-helix protein
- IDH1 isocitrate dehydrogenase 1 (NADP+), soluble
- IL8 interleukin 8
- ITGB4 integrin, beta 4
- KRAS Kirsten rat sarcoma viral oncogene homolog
- L1CAM L1 cell adhesion molecule
- LCN2 lipocalin 2
- MAP2K4 mitogen-activated protein kinase kinase 4
- MET MET proto-oncogene, receptor tyrosine kinase
- MLH1 mutL homolog 1
- MMP1 matrix metalloproteinase 1
- MMP7 matrix metalloproteinase 7
- MSLN mesothelin
- MST1R macrophage stimulating 1 receptor
- MUC1 mucin 1, cell surface associated
- MUC4 mucin 4, cell surface associated
- MYC v-Myc Avian Myelocytomatosis Viral Oncogene Homolog
- NBL1 neuroblastoma 1, DAN family BMP antagonist
- NF1 neurofibromin 1
- NPTX2 neuronal pentraxin II
- NQO1 NAD(P)H dehydrogenase, quinone 1
- PALB2 partner and localizer of BRCA2
- PENK proenkephalin
- PHLDA2 pleckstrin homology-like domain, family A, member 2
- PIK3CG phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit gamma
- PLAT plasminogen activator, tissue
- PLAU plasminogen activator, urokinase receptor
- PRKCG protein kinase C, gamma
- PRSS1 protease, serine, 1 (trypsin 1)



- PSCA prostate stem cell antigen
- PTGS2 prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)
- RARB retinoic acid receptor, beta
- RELN reelin
- RPRM reprimin, TP53 dependent G2 arrest mediator candidate
- RUNX3 runt-related transcription factor 3
- S100A4 S100 calcium binding protein A4
- S100A6 S100 calcium binding protein A6
- S100P S100 calcium binding protein P
- SERPINB5 serpin peptidase inhibitor, clade B (ovalbumin), member 5
- SFN stratifin
- SMAD4 SMAD family member 4
- SMARCA4 SWI/SNF Related, Matrix Associated, Actin Dependent Regulator Of Chromatin, Subfamily A, Member 4
- SOCS1 suppressor of cytokine signaling 1
- SPARC secreted protein, acidic, cysteine-rich (osteonectin)
- SPP1 secreted phosphoprotein 1
- STK11 serine/threonine kinase 11
- STK33 serine/threonine kinase 33
- TFF1 trefoil factor 1
- TFF2 trefoil factor 2
- TFPI2 tissue factor pathway inhibitor 2
- TGFBR1 transforming growth factor, beta receptor 1
- TGFBR2 transforming growth factor, beta receptor II (70/80kDa)
- TIMP1 TIMP metalloproteinase inhibitor 1
- TP53 tumor protein p53
- TSLC1 tumor suppressor in lung cancer 1
- TTK TTK protein kinase
- UCHL1 ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase)
- ZNF415 zinc finger protein 415
- 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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