



Human Retinoblastoma Gene Primer Library

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

Description

Contains 88 primer sets directed against the retinoblastoma gene pathway 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 ABL proto-oncogene 1, non-receptor tyrosine kinase
- ANLN anillin, actin binding protein
- BARD1 BRCA1 associated RING domain 1
- CCDC6 coiled-coil domain containing 6
- CCNA1 cyclin A1
- CCNA2 cyclin A2
- CCNB1 cyclin B1
- CCNB2 cyclin B2
- CCND1 cyclin D1
- CCND2 cyclin D2
- CCND3 cyclin D3
- CCNE1 cyclin E1
- CCNE2 cyclin E2
- CDC25A cell division cycle 25A
- CDC25B cell division cycle 25B
- CDC45 cell division cycle 45
- CDC7 cell division cycle 7
- CDK1 cyclin-dependent kinase 1
- CDK2 cyclin-dependent kinase 2
- CDK4 cyclin-dependent kinase 4
- CDK6 cyclin-dependent kinase 6
- CDKN1A cyclin-dependent kinase inhibitor 1A (p21, Cip1)
- CDKN1B cyclin-dependent kinase inhibitor 1B (p27, Kip1)
- CDT1 chromatin licensing and DNA replication factor 1
- CHEK1 checkpoint kinase 1
- CHEK2 checkpoint kinase 2
- DCK deoxycytidine kinase
- DNMT1 DNA (cytosine-5-)-methyltransferase 1
- E2F1 E2F transcription factor 1
- E2F2 E2F transcription factor 2
- E2F3 E2F transcription factor 3
- FAF1 Fas (TNFRSF6) associated factor 1
- FANCG Fanconi anemia, complementation group G
- H2AFZ H2A histone family, member Z
- HDAC1 histone deacetylase 1
- HLTF helicase-like transcription factor
- HMGB1 high mobility group box 1
- HMGB2 high mobility group box 2
- KIF4A kinesin family member 4A
- MAPK13 mitogen-activated protein kinase 13
- MCM3 minichromosome maintenance complex component 3
- MCM4 minichromosome maintenance complex component 4
- MCM6 minichromosome maintenance complex component 6
- MCM7 minichromosome maintenance complex component 7
- MDM2 MDM2 proto-oncogene, E3 ubiquitin protein ligase
- MSH6 mutS homolog 6
- MYC V-myc myelocytomatosis viral oncogene homolog (avian)
- NPAT nuclear protein, ataxia-telangiectasia locus
- ORC1 origin recognition complex, subunit 1
- PCNA proliferating cell nuclear antigen
- PLK4 polo-like kinase 4
- POLA1 polymerase (DNA directed), alpha 1, catalytic subunit
- POLD3 polymerase (DNA-directed), delta 3, accessory subunit
- POLE2 polymerase (DNA directed), epsilon 2, accessory subunit
- PRIM1 primase, DNA, polypeptide 1 (49kDa)
- PRKDC protein kinase, DNA-activated, catalytic polypeptide
- PRMT2 protein arginine methyltransferase 2
- RAB1F RAB interacting factor
- RAF1 Raf-1 proto-oncogene, serine/threonine kinase
- RB1 retinoblastoma 1
- RBBP4 retinoblastoma binding protein 4
- RBBP7 retinoblastoma binding protein 7



- RBP1 retinol binding protein 1, cellular
- RFC3 replication factor C (activator 1) 3, 38kDa
- RFC4 replication factor C (activator 1) 4, 37kDa
- RFC5 replication factor C (activator 1) 5, 36.5kDa
- RPA1 replication protein A1, 70kDa
- RPA2 replication protein A2, 32kDa
- RPA3 replication protein A3, 14kDa
- RRM1 ribonucleotide reductase M1
- RRM2 ribonucleotide reductase M2
- SAP30 Sin3A-associated protein, 30kDa
- SIN3A SIN3 transcription regulator family member A
- SKP2 S-phase kinase-associated protein 2, E3 ubiquitin protein ligase
- SMARCA2 SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2
- SMC1A structural maintenance of chromosomes 1A
- SMC2 structural maintenance of chromosomes 2
- SMC3 structural maintenance of chromosomes 3
- STMN1 stathmin 1
- SUV39H1 suppressor of variegation 3-9 homolog 1 (Drosophila)
- TFDP1 transcription factor Dp-1
- TFDP2 transcription factor Dp-2 (E2F dimerization partner 2)
- TOP2A topoisomerase (DNA) II alpha 170kDa
- TP53 tumor protein p53
- TTK TTK protein kinase
- TYMS thymidylate synthetase
- WEE1 WEE1 G2 checkpoint kinase
- ZNF655 zinc finger protein 655
- 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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