



Mouse DNA Repair Primer Library II

Catalog No: MDRL-2
Supplier: RealTimePrimers
Lot No: XXXXX
Supplied as: solid
Stability: store at -20°C

Description

Contains 88 primer sets directed against DNA repair 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:

- POLB Polymerase (Dna Directed), Beta
- POLG Polymerase (Dna Directed), Gamma
- POLD1 Polymerase (Dna Directed), Delta 1, Catalytic Subunit 125Kda
- POLE Polymerase (Dna Directed), Epsilon
- PCNA Proliferating Cell Nuclear Antigen
- REV3L Rev3-Like, Catalytic Subunit Of Dna Polymerase Zeta (Yeast)
- MAD2L1 Mad2 Mitotic Arrest Deficient-Like 1 (Yeast)
- MAD2L2 Mad2 Mitotic Arrest Deficient-Like 2 (Yeast)
- REV1 REV1 homolog
- POLH Polymerase (Dna Directed), Eta
- POLI Polymerase (Dna Directed) Iota
- POLQ Polymerase (Dna Directed), Theta
- POLK Polymerase (Dna Directed) Kappa
- POLL Polymerase (Dna Directed), Lambda
- POLM Polymerase (Dna Directed), Mu
- POLN Polymerase (Dna Directed) Nu
- FEN1 Flap Structure-Specific Endonuclease 1
- TREX1 Three Prime Repair Exonuclease 1
- TREX2 Three Prime Repair Exonuclease 2
- EXO1 Exonuclease 1
- SPO11 Spo11 Meiotic Protein Covalently Bound To Dsb Homolog (S. Cerevisiae)
- FLJ35220 Hypothetical Protein Flj35220
- UBE2A Ubiquitin-Conjugating Enzyme E2A (Rad6 Homolog)
- UBE2B Ubiquitin-Conjugating Enzyme E2B (Rad6 Homolog)
- RAD18 Rad18 Homolog (S. Cerevisiae)
- UBE2V2 Ubiquitin-Conjugating Enzyme E2 Variant 2
- UBE2V1 Ubiquitin-Conjugating Enzyme E2 Variant 1
- UBE2N Ubiquitin-Conjugating Enzyme E2N (Ubc13 Homolog, Yeast)
- H2AFX H2A Histone Family, Member X
- CHAF1A Chromatin Assembly Factor 1, Subunit A (P150)
- BLM Bloom Syndrome, Recq Helicase-Like
- WRN Werner Syndrome, Recq Helicase-Like
- RECQL4 Recq Protein-Like 4
- ATM Ataxia Telangiectasia Mutated
- FANCA Fanconi Anemia, Complementation Group A
- FANCB Fanconi Anemia, Complementation Group B
- FANCC Fanconi Anemia, Complementation Group C
- FANCD2 Fanconi Anemia, Complementation Group D2
- FANCE Fanconi Anemia, Complementation Group E
- FANCF Fanconi Anemia, Complementation Group F
- FANCG Fanconi Anemia, Complementation Group G
- FANCL Fanconi Anemia, Complementation Group L
- DCLRE1A Dna Cross-Link Repair 1A
- DCLRE1B Dna Cross-Link Repair 1B
- RPA4 Replication Protein A4, 30Kda
- APTX Aprataxin
- NEIL3 Nei Endonuclease Viii-Like 3 (E. Coli)
- RECQL Recq Protein-Like (Dna Helicase Q1-Like)
- RECQL5 Recq Protein-Like 5
- HELQ Helicase, POLQ-like
- RDM1 RAD52 motif 1
- ATR Ataxia Telangiectasia And Rad3 Related
- RAD1 Rad1 Homolog (S. Pombe)
- RAD9A Rad9 Homolog A (S. Pombe)
- HUS1 Hus1 Checkpoint Homolog (S. Pombe)
- RAD17 Rad17 Homolog (S. Pombe)
- CHEK1 Chk1 Checkpoint Homolog (S. Pombe)
- CHEK2 Chk2 Checkpoint Homolog (S. Pombe)
- TP53 Tumor Protein P53



- TP73 Tumor Protein P73
- CDK2 Cyclin-Dependent Kinase 2
- CDK4 Cyclin-Dependent Kinase 4
- CDK5 Cyclin-Dependent Kinase 5
- CDK5R1 Cyclin-Dependent Kinase 5, Regulatory Subunit 1 (P35)
- CDK5RAP1 Cdk5 Regulatory Subunit Associated Protein 1
- CDK6 Cyclin-Dependent Kinase 6
- CDK8 Cyclin-Dependent Kinase 8
- CDKN1A Cyclin-Dependent Kinase Inhibitor 1A (P21, Cip1)
- CDKN1B Cyclin-Dependent Kinase Inhibitor 1B (P27, Kip1)
- CDKN2A Cyclin-Dependent Kinase Inhibitor 2A (Melanoma, P16, Inhibits Cdk4)
- CDKN2B Cyclin-Dependent Kinase Inhibitor 2B (P15, Inhibits Cdk4)
- CDKN2C Cyclin-Dependent Kinase Inhibitor 2C (P18, Inhibits Cdk4)
- CDKN2D Cyclin-Dependent Kinase Inhibitor 2D (P19, Inhibits Cdk4)
- CDKN3 Cyclin-Dependent Kinase Inhibitor 3
- CCNA1 Cyclin A1
- CCNA2 Cyclin A2
- CCNB1 Cyclin B1
- CCNB2 Cyclin B2
- CCNC Cyclin C
- CCND1 Cyclin D1
- CCND2 Cyclin D2
- CCNE1 Cyclin E1
- CCNE2 Cyclin E2
- CCNF Cyclin F
- CCNG1 Cyclin G1
- CCNG2 Cyclin G2
- CCNH Cyclin H
- CCNT1 Cyclin T1
- ACTB Actin, beta
- B2M Beta-2-microglobulin
- GAPD Glyceraldehyde-3-phosphate dehydrogenase
- GUSB Glucuronidase, beta
- HPRT1 Hypoxanthine phosphoribosyltransferase 1
- PGK Phosphoglycerate kinase 1
- PPIA Peptidylprolyl isomerase A
- RPL13A Ribosomal protein L13a

Usage

This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.