



Human Adipogenesis Primer Library

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

Description

Contains 88 primer sets directed against adipogenesis genes and 8 housekeeping gene primer sets. 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:

- ACACB Acetyl-CoA carboxylase beta
- ADIG Adipogenin
- ADIPOQ Adiponectin, C1Q and collagen domain containing
- AGPAT2 1-acylglycerol-3-phosphate O-acyltransferase 2
- AGT Angiotensinogen
- ANGPT2 Angiopoietin 2
- AXIN1 Axin 1
- BMP1 Bone morphogenetic protein 1
- BMP2 Bone morphogenetic protein 2
- BMP3 Bone morphogenetic protein 3
- BMP4 Bone morphogenetic protein 4
- BSCL2 Berardinelli-Seip congenital lipodystrophy 2 (seipin)
- CCND1 Cyclin D1
- CDK4 Cyclin-dependent kinase 4
- CEBPA CCAAT/enhancer binding protein (C/EBP), alpha
- CEBPB CCAAT/enhancer binding protein (C/EBP), beta
- CEBPD CCAAT/enhancer binding protein (C/EBP), delta
- CFD Complement factor D (adipsin)
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- CREB1 CAMP responsive element binding protein 1
- DKK1 Dickkopf homolog 1 (Xenopus laevis)
- DLK1 Delta-like 1 homolog (Drosophila)
- E2F1 E2F transcription factor 1
- FABP4 Fatty acid binding protein 4, adipocyte
- FAS Fas (TNF receptor superfamily, member 6)
- FASN Fatty acid synthase
- FGF1 Fibroblast growth factor 1
- FGF2 Fibroblast growth factor 2
- GATA1 GATA binding protein 1
- GATA2 GATA binding protein 2
- GATA3 GATA binding protein 3
- GATA4 GATA binding protein 4
- GH1 Growth hormone 1
- GTF3A General transcription factor IIIA
- IGF1 Insulin-like growth factor 1
- IGF2 Insulin-like growth factor 2
- IL6 Interleukin 6
- IRS1 Insulin receptor substrate 1
- IRS2 Insulin receptor substrate 2
- IRS4 Insulin receptor substrate 4
- JUN Jun proto-oncogene
- LEP Leptin
- LIPE Lipase, hormone-sensitive
- LMNA Lamin A/C
- LPIN1 Lipin 1
- LPIN2 Lipin 2
- LPIN3 Lipin 3
- LPL Lipoprotein lipase
- MBNL1 Muscleblind-like splicing regulator 1
- MEF2A Myocyte enhancer factor 2A
- MEF2B Myocyte enhancer factor 2B
- MEF2C Myocyte enhancer factor 2C
- MEF2D Myocyte enhancer factor 2D
- NAMPT Nicotinamide phosphoribosyltransferase
- NCOA1 Nuclear receptor coactivator 1
- NCOA2 Nuclear receptor coactivator 2
- NCOR1 Nuclear receptor corepressor 1
- NCOR2 Nuclear receptor corepressor 2
- NDN Necdin homolog (mouse)
- NR1H3 Nuclear receptor subfamily 1, group H, member 3
- NR2F2 Nuclear receptor subfamily 2, group F, member 2
- NR3C1 Nuclear receptor subfamily 3, group C, member 1
- NRIP1 Nuclear receptor interacting protein 1
- PLIN1 Perilipin 1
- PLIN2 Perilipin 2



- PNPLA3 Patatin-like phospholipase domain containing 3
- PPARA Peroxisome proliferator-activated receptor alpha
- PPARD Peroxisome proliferator-activated receptor delta
- PPARG Peroxisome proliferator-activated receptor gamma
- PPARGC1A Peroxisome proliferator-activated receptor gamma, coactivator 1 alpha
- PPARGC1B Peroxisome proliferator-activated receptor gamma, coactivator 1 beta
- PRLR Prolactin receptor
- RARA Retinoic acid receptor, alpha
- RETN Resistin
- RORA RAR-related orphan receptor A
- RXRA Retinoid X receptor, alpha
- RXRG Retinoid X receptor, gamma
- SFRP1 Secreted frizzled-related protein 1
- SLC2A4 Solute carrier family 2, member 4
- SPOCK Sparc/osteonectin, cwcv and kazal-like domains proteoglycan (testican) 1
- SREBF1 Sterol regulatory element binding transcription factor 1
- TGFB1 Transforming growth factor, beta 1
- TNF Tumor necrosis factor
- UCP1 Uncoupling protein 1
- WNT1 Wingless-type MMTV integration site family, member 1
- WNT10B Wingless-type MMTV integration site family, member 10B
- WNT5A Wingless-type MMTV integration site family, member 5A
- WNT5B Wingless-type MMTV integration site family, member 5B
- 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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