



## Mouse Adipogenesis Primer Library

**Catalog No:** MADG-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 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:

- Acacb acetyl-Coenzyme A carboxylase beta
- Adig adipogenin
- Adipoq adiponectin, C1Q and collagen domain containing
- Agpat2 1-acylglycerol-3-phosphate O-acyltransferase 2 (lysophosphatidic acid acyltransferase, beta)
- Agt angiotensinogen (serpin peptidase inhibitor, clade A, member 8)
- Angpt2 angiotensinogen 2
- Axin1 axin 1
- Bmp1 bone morphogenetic protein 1
- Bmp2 bone morphogenetic protein 2
- Bmp3 bone morphogenetic protein 3
- Bmp4 bone morphogenetic protein 4
- Bslc2 Berardinelli-Seip congenital lipodystrophy 2 homolog (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
- Gh growth hormone 1
- Gtf3a general transcription factor III A
- 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
- Lpin1 lipin 1
- Lpin2 lipin 2
- Lpin3 lipin 3
- Lpl lipoprotein lipase
- Mbn1 muscleblind-like 1 (Drosophila)
- 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 co-repressor 1
- Ncor2 nuclear receptor co-repressor 2
- Ndn necdin
- 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 activator receptor delta
- Pparg peroxisome proliferator activated receptor gamma
- Ppargc1A peroxisome proliferative activated receptor, gamma, coactivator 1 alpha
- Ppargc1B peroxisome proliferative activated receptor, gamma, coactivator 1 beta
- Prlr prolactin receptor
- Rara retinoic acid receptor, alpha
- Retn resistin
- Rora RAR-related orphan receptor alpha
- Rxra retinoid X receptor alpha
- Rxrg retinoid X receptor gamma
- Sfrp1 secreted frizzled-related protein 1
- Slc2A4 solute carrier family 2 (facilitated glucose transporter), member 4
- Spock1 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 (mitochondrial, proton carrier)
- 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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