



## Mouse Epithelial-Mesenchymal Transition Primer Library

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

### Description

Contains 88 primer sets directed against epithelial-mesenchymal transition 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:

- Afp Alpha fetoprotein
- Brix1 BRX1, biogenesis of ribosomes, homolog (S. cerevisiae)
- Cd34 CD34 antigen
- Cd9 CD9 antigen
- Cdh5 Cadherin 5
- Cdx2 Caudal type homeobox 2
- Col1a1 Collagen, type I, alpha 1
- Commd3 COMM domain containing 3
- Crabp2 Cellular retinoic acid binding protein II
- Ddx4 DEAD (Asp-Glu-Ala-Asp) box polypeptide 4
- Des Desmin
- Diap2 Diaphanous homolog 2 (Drosophila)
- Dnmt3b DNA methyltransferase 3B
- Ednrb Endothelin receptor type B
- Eomes Eomesodermin homolog (Xenopus laevis)
- Fgf4 Fibroblast growth factor 4
- Fgf5 Fibroblast growth factor 5
- Flt1 FMS-like tyrosine kinase 1
- Fn1 Fibronectin 1
- Foxa2 Forkhead box A2
- Foxd3 Forkhead box D3
- Fzd2 Frizzled 2
- Gabrb3 Gamma-aminobutyric acid (GABA) A receptor, subunit beta 3
- Gal Galanin
- Gata4 GATA binding protein 4
- Gata6 GATA binding protein 6
- Gbx2 Gastrulation brain homeobox 2
- Gcg Glucagon
- Gcm1 Glial cells missing homolog 1 (Drosophila)
- Gdf3 Growth differentiation factor 3
- Grb7 Growth factor receptor bound protein 7
- Hba-x Hemoglobin X, alpha-like embryonic chain in Hba complex
- Hbb-y Hemoglobin Y, beta-like embryonic chain
- Hck Hemopoietic cell kinase
- Iapp Islet amyloid polypeptide
- Ifitm1 Interferon induced transmembrane protein 1
- Ifitm2 Interferon induced transmembrane protein 2
- Igf2bp2 Insulin-like growth factor 2 mRNA binding protein 2
- Il6st Interleukin 6 signal transducer
- Ins2 Insulin II
- Kit Kit oncogene
- Krt1 Keratin 1
- Lama1 Laminin, alpha 1
- Lamb1 Laminin B1
- Lamc1 Laminin, gamma 1
- Lefty1 Left right determination factor 1
- Lefty2 Left-right determination factor 2
- Lifr Leukemia inhibitory factor receptor
- Lin28a Lin-28 homolog A (C. elegans)
- Myf5 Myogenic factor 5
- Myod1 Myogenic differentiation 1
- Nanog Nanog homeobox
- Nes Nestin
- Neurod1 Neurogenic differentiation 1
- Nodal Nodal
- Nog Noggin
- Nr5a2 Nuclear receptor subfamily 5, group A, member 2
- Nr6a1 Nuclear receptor subfamily 6, group A, member 1
- Numb Numb gene homolog (Drosophila)
- Olig2 Oligodendrocyte transcription factor 2
- Pax4 Paired box gene 4
- Pax6 Paired box gene 6
- Pdx1 Pancreatic and duodenal homeobox 1
- Pecam1 Platelet/endothelial cell adhesion molecule 1
- Podxl Podocalyxin-like
- Pou5f1 POU domain, class 5, transcription factor 1
- Pten Phosphatase and tensin homolog



- Ptf1a Pancreas specific transcription factor, 1a
- Rest RE1-silencing transcription factor
- Runx2 Runt related transcription factor 2
- Sema3a Sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3A
- Serpina1a Serine (or cysteine) peptidase inhibitor, clade A, member 1a
- Sfrp2 Secreted frizzled-related protein 2
- Sox17 SRY-box containing gene 17
- Sox2 SRY-box containing gene 2
- Sst Somatostatin
- Sycp3 Synaptonemal complex protein 3
- T Brachyury
- Tat Tyrosine aminotransferase
- Tcfcp2l1 Transcription factor CP2-like 1
- Tdgf1 Teratocarcinoma-derived growth factor 1
- Tert Telomerase reverse transcriptase
- Utf1 Undifferentiated embryonic cell transcription factor 1
- Wnt5a Wingless-related MMTV integration site 5A
- Wnt5b Wingless-related MMTV integration site 5b
- Wnt3 Wingless-related MMTV integration site 3
- Wt1 Wilms tumor 1 homolog
- Zfp42 Zinc finger protein 42
- Actb Actin, beta
- B2m Beta-2-microglobulin
- Gapd Glyceraldehyde phosphate dehydrogenase
- Gsub Glucuronidase, beta
- Hpirt1 Hypoxanthine phosphoribosyltransferase 1
- Pgk1 Phosphoglycerate kinase 1
- Ppia Peptidylprolyl isomerase A
- Rpl13a Ribosomal protein L13a

#### Usage

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