



Human Schwann Cell PCR Primer Library

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

Description

Contains 88 primer sets directed against statin signaling 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:

- APOB apolipoprotein B
- AQP4 aquaporin 4
- ARTN artemin
- BDNF brain-derived neurotrophic factor
- CD40 CD40 molecule, TNF receptor superfamily member 5
- CD9 CD9 molecule
- CDH1 cadherin 1, type 1, E-cadherin (epithelial)
- CHST8 carbohydrate (N-acetylgalactosamine 4-O) sulfotransferase 8
- CNP 2',3'-cyclic nucleotide 3' phosphodiesterase
- COL1A1 collagen, type I, alpha 1
- COL1A2 collagen, type I, alpha 2
- COL3A1 collagen, type III, alpha 1
- COL4A1 collagen, type IV, alpha 1
- COL4A2 collagen, type IV, alpha 2
- EGR2 early growth response 2
- ERBB2 erb-b2 receptor tyrosine kinase 2
- ERBB3 erb-b2 receptor tyrosine kinase 3
- EZR ezrin
- FABP7 fatty acid binding protein 7, brain
- FAM134B family with sequence similarity 134, member B
- FN1 fibronectin 1
- GAP43 growth associated protein 43
- GDNF glial cell derived neurotrophic factor
- GFAP glial fibrillary acidic protein
- GJA1 gap junction protein, alpha 1, 43kDa
- GZMB granzyme B
- HEXB hexosaminidase B (beta polypeptide)
- HLA-DQA1 major histocompatibility complex, class II, DQ alpha 1
- HLA-DQB1 major histocompatibility complex, class II, DQ beta 1
- HLA-DRB1 major histocompatibility complex, class II, DR beta 1
- ICAM1 intercellular adhesion molecule 1
- IFNB1 interferon, beta 1, fibroblast
- IFNG interferon, gamma
- IGFBP2 insulin-like growth factor binding protein 2, 36kDa
- IKBKAP inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase complex-associated protein
- IL6 interleukin 6
- ITGB1 integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12)
- JUN jun proto-oncogene
- KCNJ10 potassium channel, inwardly rectifying subfamily J, member 10
- KIT v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog
- LAMA1 laminin, alpha 1
- LAMA2 laminin, alpha 2
- LAMB1 laminin, beta 1
- LAMB2 laminin, beta 2 (laminin 5)
- LIF leukemia inhibitory factor
- LRRTM4 leucine rich repeat transmembrane neuronal 4
- MAL mal, T-cell differentiation protein
- MAPK1 mitogen-activated protein kinase 1
- MAPK11 mitogen-activated protein kinase 11
- MAPK14 mitogen-activated protein kinase 14
- MAPK3 mitogen-activated protein kinase 3
- MBP myelin basic protein
- MEF2C myocyte enhancer factor 2C
- MOG myelin oligodendrocyte glycoprotein
- MPZ myelin protein zero
- MYRF myelin regulatory factor
- NCAM1 neural cell adhesion molecule 1
- NF1 neurofibromin 1
- NF2 neurofibromin 2 (merlin)
- NFATC4 nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 4
- NGFR nerve growth factor receptor
- NRG1 neuregulin 1



- NTF3 neurotrophin 3
- NTN1 netrin 1
- OLIG1 oligodendrocyte transcription factor 1
- PLAT plasminogen activator, tissue
- PLAUR plasminogen activator, urokinase receptor
- PLP1 proteolipid protein 1
- PMP22 peripheral myelin protein 22
- POU3F1 POU class 3 homeobox 1
- PRKAR1A protein kinase, cAMP-dependent, regulatory, type I, alpha
- PTN pleiotrophin
- RAF1 Raf-1 proto-oncogene, serine/threonine kinase
- S100B S100 calcium binding protein B
- SCN9A sodium channel, voltage gated, type IX alpha subunit
- SHH sonic hedgehog
- SMARCB1 SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily b, member 1
- SOD1 superoxide dismutase 1, soluble
- SOSTDC1 sclerostin domain containing 1
- SOX10 SRY (sex determining region Y)-box 10
- SOX2 SRY (sex determining region Y)-box 2
- STAT1 signal transducer and activator of transcription 1, 91kDa
- TGFB1 transforming growth factor, beta 1
- TYRP1 tyrosinase-related protein 1
- UNC5B Unc-5 Netrin Receptor B
- VGF VGF nerve growth factor inducible
- WASL Wiskott-Aldrich syndrome-like
- WNK1 WNK lysine deficient protein kinase 1
- 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

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