



Mouse Estrogen Receptor Signaling Library

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

Description

Contains 88 primer sets directed against estrogen signaling 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:

- Adcyap1 adenylate cyclase activating polypeptide 1 (pituitary)
- Bcar1 breast cancer anti-estrogen resistance 1
- Bcar3 breast cancer anti-estrogen resistance 3
- Carm1 coactivator-associated arginine methyltransferase 1
- Cebpb CCAAT/enhancer binding protein (C/EBP), beta
- Cyp19A1 cytochrome P450, family 19, subfamily A, polypeptide 1
- Cyp1B1 cytochrome P450, family 1, subfamily B, polypeptide 1
- Ddx54 DEAD (Asp-Glu-Ala-Asp) box polypeptide 54
- Ebag9 estrogen receptor binding site associated, antigen, 9
- Egf epidermal growth factor
- Erg v-ets erythroblastosis virus E26 oncogene homolog (avian)
- Esr1 estrogen receptor 1
- Esr2 estrogen receptor 2 (ER beta)
- Esrra estrogen-related receptor alpha
- Esrrg estrogen-related receptor gamma
- Fgf2 fibroblast growth factor 2 (basic)
- Foxo1 forkhead box O1
- Fshb follicle stimulating hormone, beta polypeptide
- Fshr follicle stimulating hormone receptor
- Gabarapl1 GABA(A) receptor-associated protein like 1
- Ghrh growth hormone releasing hormone
- Gn13 guanine nucleotide binding protein-like 3 (nucleolar)
- Gnrh1 gonadotropin-releasing hormone 1 (luteinizing-releasing hormone)
- Hmga1 high mobility group AT-hook 1
- Hmgb1 high mobility group box 1
- Hmgb2 high mobility group box 2
- Hsd17B2 hydroxysteroid (17-beta) dehydrogenase 2
- Hsd17B8 hydroxysteroid (17-beta) dehydrogenase 8
- Hspb8 heat shock 22kDa protein 8
- Igf1 insulin-like growth factor 1 (somatomedin C)
- Il1A interleukin 1, alpha
- Il1B interleukin 1, beta
- Inha inhibin, alpha
- Isg20 interferon stimulated exonuclease gene 20kDa
- Lhcgr luteinizing hormone/choriogonadotropin receptor
- Tsku tsukushi small leucine rich proteoglycan homolog (Xenopus laevis)
- Mknk2 MAP kinase interacting serine/threonine kinase 2
- Mpg N-methylpurine-DNA glycosylase
- Mta1 metastasis associated 1
- Ncoa1 nuclear receptor coactivator 1
- Ncoa3 nuclear receptor coactivator 3
- Ncoa5 nuclear receptor coactivator 5
- Ncoa6 nuclear receptor coactivator 6
- Ncoa7 nuclear receptor coactivator 7
- Nfatc4 nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 4
- Nfkb1 nuclear factor of kappa light polypeptide gene enhancer in B- cells 1
- Nr0B2 nuclear receptor subfamily 0, group B, member 2
- Nr113 nuclear receptor subfamily 1, group I, member 3
- Nr2C2 nuclear receptor subfamily 2, group C, member 2
- Nr6A1 nuclear receptor subfamily 6, group A, member 1
- Nrg1 neuregulin 1
- Nrip1 nuclear receptor interacting protein 1



- Ovgp1 oviductal glycoprotein 1, 120kDa
- Pelp1 proline, glutamate and leucine rich protein 1
- Pgr progesterone receptor
- Phb2 prohibitin 2
- Plg plasminogen
- Pou4F1 POU class 4 homeobox 1
- Ppara peroxisome proliferator-activated receptor alpha
- Ppargc1A peroxisome proliferator-activated receptor gamma, coactivator 1 alpha
- Ppargc1B peroxisome proliferator-activated receptor gamma, coactivator 1 beta
- Ppid peptidylprolyl isomerase D
- Rerg RAS-like, estrogen-regulated, growth inhibitor
- Rln1 relaxin 1
- Safb scaffold attachment factor B
- Safb2 scaffold attachment factor B2
- Srd5A2 steroid-5-alpha-reductase, alpha polypeptide 2 (3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 2)
- Srebf1 sterol regulatory element binding transcription factor 1
- Sts In multiple Geneids
- Sult1E1 sulfotransferase family 1E, estrogen-preferring, member 1
- Taf10 TAF10 RNA polymerase II, TATA box binding protein (TBP)- associated factor, 30kDa
- Tcf7 transcription factor 7 (T-cell specific, HMG-box)
- Tff1 trefoil factor 1
- Tnf tumor necrosis factor
- Trim16 tripartite motif containing 16
- Trim25 tripartite motif containing 25
- Ugt1A8 UDP glucuronosyltransferase 1 family, polypeptide A8
- Ugt1A3 UDP glucuronosyltransferase 1 family, polypeptide A3
- Ugt1A4 UDP glucuronosyltransferase 1 family, polypeptide A4
- Ugt2A1 UDP glucuronosyltransferase 2 family, polypeptide A1, complex locus
- Ugt2B15 UDP glucuronosyltransferase 2 family, polypeptide B15
- Ugt2B4 UDP glucuronosyltransferase 2 family, polypeptide B4
- Ugt2B7 UDP glucuronosyltransferase 2 family, polypeptide B7
- Nr0B1 nuclear receptor subfamily 0, group B, member 1
- GnRH2 gonadotropin-releasing hormone 2
- Nrg3 neuregulin 3
- Nrg4 neuregulin 4
- Ar androgen receptor
- Actb Actin, beta
- B2M Beta-2-microglobulin
- Gapdh Glyceraldehyde-3-phosphate dehydrogenase
- GusB Glucuronidase, beta
- Hprt1 Hypoxanthine phosphoribosyltransferase 1
- Pfkfb3 Phosphoglycerate kinase 1
- Ppia Peptidylprolyl isomerase A
- Rpl13A Ribosomal protein L13a

Usage

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