



Rat Ubiquitin Metabolism Primer Library

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

Description

Contains 88 primer sets directed against ubiquitin metabolism 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:

- Anapc2 anaphase promoting complex subunit 2
- Anapc11 anaphase promoting complex subunit 11
- Arih1 ariadne ubiquitin-conjugating enzyme E2 binding protein homolog 1
- Atg7 ATG7 autophagy related 7 homolog
- Bard1 BRCA1 associated RING domain 1
- Brca1 Breast cancer 1, early onset
- Brca2 Breast cancer 2, early onset
- Brcc3 BRCA1/BRCA2-containing complex, subunit 3
- Btrc beta-transducin repeat containing
- Cbl Cas-Br-M (murine) ecotropic retroviral transforming sequence
- Cdc34 cell division cycle 34 homolog
- Cul1 cullin 1
- Cul2 cullin 2
- Cul3 cullin 3
- Cul4b cullin 4B
- Cul5 cullin 5
- Ddb1 damage-specific DNA binding protein 1, 127kDa
- Fbxo11 F-box protein 11
- Fbxo32 F-box protein 32
- Fbxo4 F-box protein 4
- Fbxo6 F-box protein 6
- Fbxw9 F-box and WD repeat domain containing 9
- Hecw2 HECT, C2 and WW domain containing E3 ubiquitin protein ligase 2
- Itch itchy E3 ubiquitin protein ligase homolog (mouse)
- March5 membrane-associated ring finger (C3HC4) 5
- Mdm2 Mdm2 p53 binding protein homolog
- Mib1 mindbomb homolog 1 (Drosophila)
- Mocs3 molybdenum cofactor synthesis 3
- Mul1 mitochondrial E3 ubiquitin protein ligase 1
- Nae1 NEDD8 activating enzyme E1 subunit 1
- Nedd8 neural precursor cell expressed, developmentally down-regulated 8
- Park2 Parkinson disease (autosomal recessive, juvenile) 2, parkin
- Rfwd2 ring finger and WD repeat domain 2
- Rlim ring finger protein, LIM domain interacting
- Rnf144b ring finger protein 144B
- Rnf167 ring finger protein 167
- Rnf180 ring finger protein 180
- Rnf2 ring finger protein 2
- Rnf20 ring finger protein 20
- Rnf34 ring finger protein 34
- Rnf40 ring finger protein 40
- Rnf6 ring finger protein (C3H2C3 type) 6
- Rnf8 ring finger protein 8
- Sae1 SUMO1 activating enzyme subunit 1
- Skp1 S-phase kinase-associated protein 1
- Skp2 S-phase kinase-associated protein 2 (p45)
- Smurf1 SMAD specific E3 ubiquitin protein ligase 1
- Smurf2 SMAD specific E3 ubiquitin protein ligase 2
- Stub1 STIP1 homology and U-Box containing protein 1
- Syvn1 synovial apoptosis inhibitor 1, synoviolin
- Tmem189 transmembrane protein 189
- Tp53 tumor protein p53
- Uba1 ubiquitin-like modifier activating enzyme 1
- Uba2 ubiquitin-like modifier activating enzyme 2
- Uba3 ubiquitin-like modifier activating enzyme 3
- Uba5 ubiquitin-like modifier activating enzyme 5
- Uba6 ubiquitin-like modifier activating enzyme 6
- Ube2a ubiquitin-conjugating enzyme E2A
- Ube2b ubiquitin-conjugating enzyme E2B
- Ube2c ubiquitin-conjugating enzyme E2C
- Ube2d1 ubiquitin-conjugating enzyme E2D 1
- Ube2d3 ubiquitin-conjugating enzyme E2D 3
- Ube2e2 ubiquitin-conjugating enzyme E2E 2
- Ube2e3 ubiquitin-conjugating enzyme E2E 3



- Ube2g1 ubiquitin-conjugating enzyme E2G 1
- Ube2g2 ubiquitin-conjugating enzyme E2G 2
- Ube2i ubiquitin-conjugating enzyme E2I
- Ube2j1 ubiquitin-conjugating enzyme E2, J1
- Ube2j2 ubiquitin-conjugating enzyme E2, J2
- Ube2k ubiquitin-conjugating enzyme E2K
- Ube2l3 ubiquitin-conjugating enzyme E2L 3
- Ube2l6 ubiquitin-conjugating enzyme E2L 6
- Ube2m ubiquitin-conjugating enzyme E2M
- Ube2n ubiquitin-conjugating enzyme E2N
- Ube2q1 ubiquitin-conjugating enzyme E2Q family member 1
- Ube2q2 ubiquitin-conjugating enzyme E2Q family member 2
- Ube2q2l ubiquitin-conjugating enzyme E2Q family member 2-like
- Ube2s ubiquitin-conjugating enzyme E2S
- Ube2t ubiquitin-conjugating enzyme E2T (putative)
- Ube2v1 ubiquitin-conjugating enzyme E2 variant 1
- Ube2v2 ubiquitin-conjugating enzyme E2 variant 2
- Ube2z ubiquitin-conjugating enzyme E2Z
- Ube4a ubiquitination factor E4A
- Uchl1 ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase)
- Uchl3 ubiquitin carboxyl-terminal esterase L3 (ubiquitin thiolesterase)
- Uchl5 ubiquitin carboxyl-terminal hydrolase L5
- Vhl von Hippel-Lindau tumor suppressor
- Wwp1 WW domain containing E3 ubiquitin protein ligase 1
- Actb Actin, beta
- B2m Beta-2-microglobulin
- Gapd Glyceraldehyde-3-phosphate dehydrogenase
- Gusb Glucuronidase, beta
- Hpirt1 Hypoxanthine phosphoribosyltransferase 1
- Pkg Phosphoglycerate kinase 1
- Ppia Peptidylprolyl isomerase A
- Rpl13a Ribosomal protein L13a

Usage

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