

QuantiGene Gene Expression Multi-Plex Assays

Please click link below for gene list and contact TBCL for assay prices

[Link to QuantiGene Information](#)

	Non-Academic	Non-MSU Academic	MSU Users	INBRE/CTRP Users	CAIRHE Users
Adipogenesis Human					
Adipogenesis Mouse					
Adipogenesis Rat					
Alzheimer's Disease Human					
Alzheimer's Disease Mouse					
Angiogenesis Human					
Angiogenesis Mouse					
Angiogenesis Rat					
Angiogenic Growth Factors & Angiogenesis Inhibitors Human					
Angiogenic Growth Factors & Angiogenesis Inhibitors Mouse					
Angiogenic Growth Factors & Angiogenesis Inhibitors Rat					
Apoptosis Human					
Apoptosis Mouse					
Apoptosis Rat					
Apoptosis Human					
Apoptosis DNA Methylation Human					
Apoptosis DNA Methylation Mouse					
Atherosclerosis Human					
Atherosclerosis Mouse					
Autophagy Human					
Autophagy Mouse					
Breast Cancer & Estrogen Receptor Signaling Human					
Breast Cancer & Estrogen Receptor Signaling Mouse					
Breast Cancer & Estrogen Receptor Signaling Rat					
cAMP-Ca2+ Pathway Human					
cAMP-Ca2+ Pathway Mouse					
Cancer Drug Resistance & Metabolism Human					
Cancer Drug Resistance & Metabolism Mouse					
Cancer Pathway Human					
Cancer Pathway Mouse					
Cancer Pathway Rat					
Cardiotoxicity Human					
Cardiotoxicity Mouse					
Cardiotoxicity Rat					
Cell Cycle Human					
Cell Cycle Mouse					
Cell Cycle Rat					
Cell Surface Markers Human					
Chemokines & Receptors Human					
Chemokines & Receptors Mouse					
Chemokines & Receptors Rat					
Cytokines Human					
Cytokines Mouse					
Cytokines Rat					
Cytoskeleton Regulators Human					

Cytoskeleton Regulators Mouse					
Dendritic & Antigen Presenting Cell Human					
Dendritic and Antigen Presenting Cell Mouse					
Diabetes Human					
Diabetes Mouse					
Diabetes Rat					
DNA Damage Signaling Human					
DNA Damage Signaling Mouse					
DNA Damage Signaling Rat					
DNA Repair Human					
DNA Repair Mouse					
Drug Metabolism Human					
Drug Metabolism Mouse					
Drug Metabolism Rat					
Drug Metabolism Phase I Enzymes Human					
Drug Metabolism Phase I Enzymes Rat					
Drug Metabolism Phase II Enzymes PCR Array Human					
Drug Metabolism Phase II Enzymes PCR Array Rat					
Drug transporters Human					
Drug Transporters Mouse					
Drug transporters Rat					
EGF PDGF Signaling Human					
EGF PDGF Signaling Rat					
Embryonic Stem Cells Human					
Embryonic Stem Cells Mouse					
Endothelial Cell Biology Human					
Endothelial Cell Biology Mouse					
Endothelial Cell Biology Rat					
Epigenetic Chromatin Modification Enzymes Human					
Epigenetic Chromatin Modification Enzymes Mouse					
Epigenetic Chromatin Remodeling Factors Human					
Epigenetic Chromatin Remodeling Factors Mouse					
Epithelial to Mesenchymal Transition (EMT) Human					
Epithelial to Mesenchymal Transition (EMT) Mouse					
Extracellular Matrix and Adhesion Molecules Human					
Extracellular Matrix and Adhesion Molecules Mouse					
Extracellular Matrix and Adhesion Molecules Rat					
Fatty Acid Metabolism Human					
Fatty Acid Metabolism Mouse					
Glucose Metabolism Human					
Glucose Metabolism Mouse					
Glucose Metabolism Rat					
Glycosylation Human					
Glycosylation Mouse					
G-PCR Human					
G-PCR Rat					
Growth Factor Human					
Growth Factor Mouse					
Growth Factor Rat					
Heat Shock Proteins Human					
Heat Shock Proteins Mouse					

Heat Shock Proteins Rat					
Hedgehog Signaling Human					
Hedgehog Signaling Mouse					
Hematopoietic Stem Cells and Hematopoiesis Human					
Hematopoietic Stem Cells and Hematopoiesis Mouse					
Hepatotoxicity Human					
Hepatotoxicity Mouse					
Hepatotoxicity Rat					
HIV Infection and Host Response Human					
Homeobox (HOX) Human					
Homeobox (HOX) Mouse					
Housekeeping Genes Human					
Housekeeping Genes Mouse					
Housekeeping Genes Rat					
Hypertension Human					
Hypertension Mouse					
Hypertension Rat					
Hypoxia Signaling Human					
Hypoxia Signaling Mouse					
Hypoxia Signaling Rat					
inflammation human					
inflammation mouse					
Inflammasomes Human					
Inflammasomes Mouse					
Inflammasomes Rat					
Inflammatory Cytokines & Receptors Human					
Inflammatory Cytokines & Receptors Mouse					
Inflammatory Cytokines & Receptors Rat					
Inflammatory Response and Autoimmunity Human					
Inflammatory Response and Autoimmunity Mouse					
Inflammatory Response and Autoimmunity Rat					
Inflammatory Responses ChIP Human					
Inflammatory Responses ChIP Mouse					
Innate and Adaptive Immune Responses Human					
Innate and Adaptive Immune Response Mouse					
Insulin Signaling Pathway Human					
Insulin Signaling Pathway Mouse					
Insulin Signaling Pathway Rat					
Interferon α , β Response Human					
Interferon α , β Response Mouse					
Interferon and Receptor Human					
Interferon (IFN) and Receptor Mouse					
JAK-STAT Signaling Pathway Human					
JAK-STAT Signaling Pathway Mouse					
JAK-STAT Signaling Pathway Rat					
Lipoprotein Signaling & Cholesterol Metabolism Human					
Lipoprotein Signaling & Cholesterol Metabolism Mouse					
Lipoprotein Signaling & Cholesterol Metabolism Rat					
MAPK Signaling Pathway Human					
MAPK Signaling Pathway Mouse					
MAPK Signaling Pathway Rat					

Mesenchymal Stem Cell Human					
Mesenchymal Stem Cell Mouse					
Mitochondria Human					
Mitochondria Mouse					
Mitochondria Rat					
Mitochondrial Energy Metabolism Human					
Mitochondrial Energy Metabolism Mouse					
mTOR Signaling Human					
mTOR Signaling Mouse					
mTOR Signaling Rat					
Nephrotoxicity Human					
Nephrotoxicity Mouse					
Nephrotoxicity Rat					
Neurogenesis and Neural Stem Cell Human					
Neurogenesis and Neural Stem Cells Mouse					
Neurogenesis and Neural Stem Cell Rat					
Neuroscience Ion Channels and Transporters Human					
Neuroscience Ion Channels & Transporters Mouse					
Neuroscience Ion Channels & Transporters Rat					
Neurotoxicity Human					
Neurotoxicity Mouse					
Neurotoxicity Rat					
Neurotransmitter Receptors and Regulators Human					
Neurotransmitter Receptors and Regulators Mouse					
Neurotransmitter Receptors and Regulators Rat					
Neurotrophin and Receptors Human					
Neurotrophin and Receptors Mouse					
Neurotrophin and Receptors Rat					
NFKB Signaling Pathway Human					
NFKB Signaling Pathway Mouse					
NFKB Signaling Pathway Rat					
Nitric Oxide Signaling Pathway Human					
Nitric Oxide Signaling Pathway Mouse					
Nitric Oxide Signaling Pathway Rat					
Notch Signaling Pathway Human					
Notch Signaling Pathway Mouse					
Nuclear Receptors and Coregulators Human					
Nuclear Receptors and Coregulators Mouse					
Nuclear Receptors and Coregulators Rat					
Obesity Human					
Obesity Mouse					
Obesity Rat					
Oncogenes & Tumor Suppressor Genes CHIP Human					
Oncogenes & Tumor Suppressor Genes CHIP Mouse					
Oncogenes & Tumor Suppressor Genes Human					
Oncogenes & Tumor Suppressor Genes Mouse					
Osteogenesis Human					
Osteogenesis Mouse					
Osteogenesis Rat					
Oxidative Stress and Antioxidant Defense Human					
Oxidative Stress and Antioxidant Defense Mouse					

Oxidative Stress and Antioxidant Defense Rat					
p53 Signaling Pathway Human					
p53 Signaling Pathway Mouse					
p53 Signaling Pathway Rat					
PI3K-AKT Signaling Human					
PI3K-AKT Signaling Mouse					
PI3K-AKT Signaling Rat					
Polycomb (PcG) Genes DNA Methylation Human					
Polycomb (PcG) Genes DNA Methylation Mouse					
Protein Phosphatases Human					
Protein Phosphatases Mouse					
Protein Phosphatases Rat					
Signal Transduction Pathway Human					
Signal Transduction Pathway Mouse					
Signal Transduction Pathway Rat					
Skeletal Muscle - Myogenesis & Myopathy Human					
Skeletal Muscle- Myogenesis & Myopathy Mouse					
Skeletal Muscle- Myogenesis & Myopathy Rat					
Stem Cell Human					
Stem Cell Mouse					
Stem Cell Rat					
Stem Cell Signaling Human					
Stem Cell Signaling Mouse					
Stem Cell Transcription Factors ChIP Human					
Stem Cell Transcription Factors ChIP Mouse					
Stress & Toxicity Human					
Stress & Toxicity Mouse					
Stress & Toxicity Rat					
Stress Response to Cellular Damage PCR Array Mouse					
T-cell and B-cell Activation Human					
T-cell and B-cell Activation Mouse					
T-cell and B-cell Activation Rat					
T-cell Activation DNA Methylation Human					
T-cell Activation DNA Methylation Mouse					
T-cell Anergy and Immune Tolerance Human					
T-cell Anergy and Immune Tolerance Mouse					
Terminal Differentiation Markers Human					
Terminal Differentiation Markers PCR Array Mouse					
TGFβ-BMP Signaling Pathway DNA Methylation Human					
TGFβ-BMP Signaling Pathway DNA Methylation Mouse					
TGFβ BMP Signaling Pathway Human					
TGFβ BMP Signaling Pathway Mouse					
TGFβ BMP Signaling Pathway Rat					
Th1-Th2-Th17 Human					
Th1-Th2-Th17 Mouse					
Th1-Th2-Th17 Rat					
Th17 for Autoimmunity & Inflammation Human					
Th17 for Autoimmunity & Inflammation Mouse					
Th17 for Autoimmunity & Inflammation Rat					
T Helper Cell Differentiation ChIP Human					
T Helper Cell Differentiation ChIP Mouse					

Toll-Like Receptor Signaling Pathway Human					
Toll-Like Receptor Signaling Pathway Mouse					
Toll-Like Receptor Signaling Pathway Rat					
Transcription Factors Human					
Transcription Factors Rat					
Tumor Metastasis Human					
Tumor Metastasis Mouse					
Tumor Metastasis Rat					
Tumor Necrosis Factor (TNF) Ligand and Receptor Human					
Tumor Necrosis Factor (TNF) Ligand and Receptor Mouse					
Ubiquitination (Ubiquitylation) Pathway Human					
Ubiquitination (Ubiquitylation) Pathway Mouse					
Unfolded Protein Response Human					
Unfolded Protein Response Mouse					
VEGF Signaling Human					
VEGF Signaling Mouse					
VEGF Signaling Rat					
Wnt Signaling Human					
Wnt Signaling Pathway Mouse					
Wnt Signaling Pathway Rat					
Wnt Signaling DNA Methylation Human					
Wnt Signaling Pathway DNA Methylation Mouse					