

Supplemental Table 5: C2 Gene Sets down-regulated following treatment with JQ1

GENE SET	P VALUE
REACTOME_MITOTIC_G1_G1_S_PHASES	0.000
REACTOME_G2_M_CHECKPOINTS	0.000
BILD_MYC_ONCOGENIC_SIGNATURE	0.000
REACTOME_G1_S_TRANSITION	0.000
REACTOME_M_G1_TRANSITION	0.000
REACTOME_S_PHASE	0.000
REACTOME_POTASSIUM_CHANNELS	0.000
REACTOME_DNA_REPLICATION	0.000
REACTOME_MITOTIC_M_M_G1_PHASES	0.000
REACTOME_CELL_CYCLE_MITOTIC	0.002
KEGG_PURINE_METABOLISM	0.002
DANG_MYC_TARGETS_UP	0.002
REACTOME_SYNTHESIS_OF_DNA	0.002
KEGG_CELL_CYCLE	0.003
KEGG_BASE_EXCISION_REPAIR	0.004
REACTOME_NEURONAL_SYSTEM	0.007
REACTOME_ASSEMBLY_OF_THE_PRE_REPLICATIVE_COMPLEX	0.007
KEGG_DNA_REPLICATION	0.007
REACTOME_NUCLEAR_RECEPTOR_TRANSCRIPTION_PATHWAY	0.008
PID_PLK1_PATHWAY	0.008
PID_ATR_PATHWAY	0.009
DANG_REGULATED_BY_MYC_UP	0.011
REACTOME_NCAM_SIGNALING_FOR_NEURITE_OUT_GROWTH	0.011
PID_MYC_ACTIVPATHWAY	0.012
REACTOME_METABOLISM_OF_NON_CODING_RNA	0.013
REACTOME_AMINO_ACID_AND_OLIGOPEPTIDE_SLC_TRANSPORTERS	0.014
REACTOME_METABOLISM_OF_NUCLEOTIDES	0.015
REACTOME_TRANSMISSION_ACROSS_CHEMICAL_SYNAPSES	0.015
REACTOME_NCAM1_INTERACTIONS	0.016
REACTOME_CELL_CYCLE_CHECKPOINTS	0.017
PID_E2F_PATHWAY	0.018
KEGG_TGF_BETA_SIGNALING_PATHWAY	0.020
REACTOME_VOLTAGE_GATED_POTASSIUM_CHANNELS	0.024
PID_FANCONI_PATHWAY	0.027
REACTOME_RESPIRATORY_ELECTRON_TRANSPORT	0.028
KEGG_FRUCTOSE_AND_MANNOSE_METABOLISM	0.030
REACTOME_INHIBITION_OF_INSULIN_SECRETION_BY_ADRENALINE_NORADRENALINE	0.030
REACTOME_CLEAVAGE_OF_GROWING_TRANSCRIPT_IN_THE_TERMINATION_REGION_	0.036
REACTOME_CELL_CYCLE	0.037
KEGG_DILATED_CARDIOMYOPATHY	0.040
PID_ATM_PATHWAY	0.041
REACTOME_GABA_RECEPTOR_ACTIVATION	0.044
KEGG_HOMOLOGOUS_RECOMBINATION	0.046

REACTOME_CDT1_ASSOCIATION_WITH_THE_CDC6_ORC_ORIGIN_COMPLEX	0.047
REACTOME_G_ALPHA_S_SIGNALLING_EVENTS	0.048
KEGG_NEUROACTIVE_LIGAND_RECEPTOR_INTERACTION	0.049
REACTOME_MITOTIC_G1_G1_S_PHASES	0.000
REACTOME_G2_M_CHECKPOINTS	0.000
BILD_MYC_ONCOGENIC_SIGNATURE	0.000
REACTOME_G1_S_TRANSITION	0.000
REACTOME_M_G1_TRANSITION	0.000
REACTOME_S_PHASE	0.000
REACTOME_POTASSIUM_CHANNELS	0.000
REACTOME_DNA_REPLICATION	0.000
REACTOME_MITOTIC_M_M_G1_PHASES	0.000
REACTOME_CELL_CYCLE_MITOTIC	0.002
KEGG_PURINE_METABOLISM	0.002
DANG_MYC_TARGETS_UP	0.002
REACTOME_SYNTHESIS_OF_DNA	0.002
KEGG_CELL_CYCLE	0.003
KEGG_BASE_EXCISION_REPAIR	0.004
REACTOME_NEURONAL_SYSTEM	0.007
REACTOME_ASSEMBLY_OF_THE_PRE_REPLICATIVE_COMPLEX	0.007
KEGG_DNA_REPLICATION	0.007
REACTOME_NUCLEAR_RECEPTOR_TRANSCRIPTION_PATHWAY	0.008
PID_PLK1_PATHWAY	0.008
PID_ATR_PATHWAY	0.009
DANG_REGULATED_BY_MYC_UP	0.011
REACTOME_NCAM_SIGNALING_FOR_NEURITE_OUT_GROWTH	0.011
PID_MYC_ACTIVPATHWAY	0.012
REACTOME_METABOLISM_OF_NON_CODING_RNA	0.013
REACTOME_AMINO_ACID_AND_OLIGOPEPTIDE_SLC_TRANSPORTERS	0.014
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REACTOME_CELL_CYCLE	0.037
KEGG_DILATED_CARDIOMYOPATHY	0.040
PID_ATM_PATHWAY	0.041
REACTOME_GABA_RECEPTOR_ACTIVATION	0.044
KEGG_HOMOLOGOUS_RECOMBINATION	0.046

REACTOME_CDT1_ASSOCIATION_WITH_THE_CDC6_ORC_ORIGIN_COMPLEX	0.047
REACTOME_G_ALPHA_S_SIGNALLING_EVENTS	0.048
KEGG_NEUROACTIVE_LIGAND_RECEPTOR_INTERACTION	0.049