

Supplementary Table 1. Genes classified according inequality profile.

Clone ID	Gene name	Functional Category	Previously Identified
Decreasing with Maximum at 1 Hour			
417226	v-myc viral oncogene homolog	Transcription/Chromatin Structure	Yes
Up-Down with Maximum at 4 Hours			
110022	Cyclin D1	Cell Cycle	Yes
428733	protein kinase C, delta	Cellular Signaling	Yes
362059	laminin, alpha 3, kalinin, epilegrin	Extracellular Matrix/Cell Structure	Yes
417503	EST	Unknown	Yes
248613	v-myb viral oncogene homolog	Transcription/Chromatin Structure	No
Up-Down with Maximum at 12 Hours			
563187	CDC6	Cell Cycle	Yes
321207	polymerase (DNA directed), epsilon	DNA Replication/Repair	Yes
196676	replication factor C (activator 1) 4	DNA Replication/Repair	No
Up-Down with Maximum at 24 Hours			
129140	MAD2L1	Cell Cycle	Yes
248008	deoxythymidylate kinase	Cell Cycle	Yes
489092	deoxythymidylate kinase	Cell Cycle	No
285427	CSE1L	Cell Cycle	Yes
359119	CDC28 protein kinase 2	Cell Cycle	Yes
415639	serine/threonine kinase 15	Cell Cycle	Yes
488059	tubulin, gamma 1	Cell Cycle	Yes
563809	CDC20	Cell Cycle	Yes
293274	cyclin-dependent kinase inhibitor 3	Cell Cycle	No
49950	flap structure-specific endonuclease 1	DNA Replication/Repair	Yes
346838	minichromosome maintenance deficient 3	DNA Replication/Repair	Yes
359465	dihydrofolate reductase	DNA Replication/Repair	Yes
487757	ligase I, DNA, ATP-dependent	DNA Replication/Repair	Yes
49940	replication factor C (activator 1) 5	DNA Replication/Repair	No
52713	vitronectin	Extracellular Matrix/Cell Structure	Yes
339075	karyopherin alpha 2	Protein Degradation/Synthesis/Targeting	Yes
136609	v-myb homolog-like 1	Transcription/Chromatin Structure	Yes
198205	v-myb homolog-like 2	Transcription/Chromatin Structure	Yes
229509	coagulation factor V	Miscellaneous	No
200573	EST	Unknown	Yes
366842	EST	Unknown	No
Up-Down with Maximum at 36 Hours			
264117	cathepsin D	Cell Cycle	Yes
150163	neuropeptide Y receptor Y1	Cellular Signaling	Yes
238545	ADP-ribosylation factor-like 3	Cellular Signaling	Yes
242182	protein kinase inhibitor β	Cellular Signaling	Yes
509614	high-mobility group protein 1	Transcription/Chromatin Structure	Yes
510595	lactate dehydrogenase A	Miscellaneous	Yes
470480	autocrine motility factor receptor	Miscellaneous	No

Table 1 (continued)

Down-Up with Minimum at 4 Hours			
487407	insulin induced gene 1	Miscellaneous	Yes
Down-Up with Minimum at 12 Hours			
361381	myeloid cell leukemia sequence 1	Apoptosis	Yes
145093	myeloid cell leukemia sequence 1	Apoptosis	No
485875	EFEMP1	Extracellular Matrix/Cell Structure	Yes
34821	CHRNA4	Miscellaneous	Yes
Down-Up with Minimum at 24 Hours			
359191	protein kinase H11	Cellular Signaling	Yes
180789	low density lipoprotein-related protein 1	Protein Degradation/Synthesis/Targeting	Yes
162479	E74-like factor 3	Transcription/Chromatin Structure	Yes
430235	H2B histone family, member Q	Transcription/Chromatin Structure	Yes
545242	STAT 1	Transcription/Chromatin Structure	Yes
268652	p21/CIP1	Cell Cycle	No
Down-Up with Minimum at 36 Hours			
29682	protein kinase C binding protein 1	Cellular Signaling	Yes
365147	v-erb-b2 homolog 2	Cellular Signaling	No
