

Supplemental Table 4. Number of up-regulated and down-regulated genes (in parenthesis) belonging to each functional category.

Type of Genes	5 h CS Vs 5 h Air	8 D CS Vs 8 D Air	1.5 mos CS Vs 1. 5 mos Air	6 mos CS Vs 6 mos Air
Transcription Factors	79 (172)	20 (62)	10 (30)	8 (17)
Ubiquitin-Proteasome Complex	49 (52)	9 (29)	1 (1)	1 (5)
Cell Survival	43 (11)	9 (2)	5 (6)	5 (2)
Phase II Genes	28 (2)	11 (6)	22 (1)	29 (1)
Heat Shock Proteins	11 (6)	3 (3)	6 (0)	1 (3)
Signal Transduction	82 (138)	67 (74)	17 (67)	13 (20)
Cell Cycle/Cell Adhesion/ Cell Proliferation	45 (72)	52 (64)	7 (39)	7 (21)
Solute Carriers & Phase III Genes	40 (52)	40 (34)	11 (17)	7 (10)
Inflammation	58 (33)	39 (12)	10 (38)	23 (15)
Lipid Metabolism	30 (46)	37 (17)	10 (10)	11 (5)
Cytoskeletal Reorganization	36 (32)	37 (18)	5 (5)	14 (2)
Oncogenes	48 (21)	23 (8)	5 (4)	5 (0)
Interferon Regulated Genes	3 (13)	3 (3)	1 (8)	1 (3)
Humoral Immune Response Genes	0 (14)	7 (3)	0 (17)	0 (10)
Growth Factors	14 (23)	13 (13)	1 (12)	2 (9)
Extracellular Matrix	28 (13)	22 (19)	4 (23)	9 (16)
Phase I Genes	11 (15)	28 (11)	18 (13)	13 (11)
Apoptosis	13 (26)	6 (5)	6 (8)	7 (3)
Other Genes	563 (1040)	302 (355)	111 (155)	85 (95)