Names	Clone ID	Oxidant (peak hour)		
p53 regulated genes		**HP**	**MEN**	**TBH**
prostate differentiation factor (PLAB)	**788832**	14.53(7)	3.64(7)	14.95(3)
p21, Cip1 (CDKN1A)	1804548	10.65(7)	5.02(7)	9.83(3)
Wip-1 (PPM1D)	2748141	5.33(3)	1.46(7)	5.66(3)
BTG family, member 2 (BTG2)	1598617	4.04(3)	1.58(24)	5.96(3)
dickkopf homolog 1 (DKK1)	**669375**	6.99(7)	2.50(3)	4.40(7)
Maspin (SERPINB5)	1628341	9.09(7)	2.56(7)	2.87(7)
CD95=Fas (TNFRSF6)	**714213**	7.64(7)	2.78(7)	3.77(3)
ATF-3 (ATF3)	1888594	3.99(3)	1.93(3)	4.11(3)
p53 regulated PA26 nuclear protein (PA26)	2718391	3.64(3)	1.51(3)	2.36(3)
geranylgeranyltransferase type I (PGGT1B)	815861	13.78(7)	3.88(7)	12.16(7)
signaling lymphocytic activation molecule (SLAM)	347764	5.14(3)	1.45(7)	5.77(3)
LIF (LIF)	**153025**	2.26(3)	1.30(3)	2.08(3)
IL-6 regulated genes				
metallothionein (MT1H)	**214162**	1.26(3)	1.55(7)	4.61(7)
metallothionein 1X (MT1X)	**297392**	1.19(3)	1.28(7)	3.83(7)
metallothionein-IG (MT1G)	**202535**	1.27(3)	1.50(7)	3.88(3)
metallothionein 1E (MT1E)	**1472735**	1.60(3)	1.61(7)	2.76(7)
metallothionein 1L (MT1L)	2513883	1.19(3)	1.31(7)	3.10(7)
metallothionein 2A (MT2A)	**590150**	1.28(3)	1.82(7)	4.28(7)
fibrinogen, gamma polypeptide (FGG)	**119882**	1.31(3)	1.28(3)	3.51(3)
proteasome, 26S subunit (PSMD12)	**823598**	1.26(3)	1.25(7)	2.48(7)
Protein phosphatase 2A catalytic subunit (PPP2CB)	**823876**	1.05(7)	1.20(7)	2.24(7)
meningioma expressed antigen 6 (MGEA6)	**122915**	1.22(3)	1.34(7)	4.84(3)
alpha-2-macroglobulin receptor (LRP1)	**810551**	1.71(7)	2.02(24)	4.99(7)
RNA-HP (RNAHP)	2757583	1.16(3)	1.44(7)	4.64(3)
Adherent regulated genes				
synaptotagmin-like 2 (SYTL2)	1415307	4.62(7)	2.92(7)	5.31(7)
keratin, hair, basic, 3 (KRTHB3)	1719403	-1.99(7)	-2.03(7)	-2.21(7)
lamin B receptor (LBR)	1803808	-3.14(24)	-1.76(24)	-2.72(7)
tubulin, alpha 3 (TUBA3)	**1470060**	-3.23(24)	-1.70(24)	-3.41(24)
keratin 8 (KRT8)	4337383	-1.90(7)	-2.07(24)	-2.07(24)
Signal Transduction genes				
TGF-beta inducible early protein (TIEG)	**489282**	1.62(1)	2.16(3)	1.68(1)
NIK (MAP3K14)	**342349**	1.91(7)	2.38(3)	1.83(7)
MKP-1 (DUSP1)	**504527**	1.45(3)	1.32(3)	1.77(7)
myoglobin (MB)	2639181	-2.83(7)	-1.73(1)	-2.09(7)
insulin-like growth factor binding protein 5 (IGFBP5)	2212182	7.39(24)	2.57(24)	4.92(24)
erk3 (MAPK6)	995965	1.37(7)	1.26(7)	1.71(7)
isopentenyl-diphosphate delta isomerase (IDI1)	**44975**	1.94(7)	2.11(7)	2.30(7)
pregnancy-induced growth inhibitor (OKL38)	955807	6.17(3)	10.42(7)	5.45(3)
early growth response 1 (EGR1)	**840944**	6.47(3)	6.83(7)	3.89(7)
myeloid cell leukemia sequence 1 (MCL1)	1842870	2.20(7)	2.03(3)	2.10(7)
cysteine-rich, angiogenic inducer, 61 (CYR61)	1514989	2.65(3)	3.90(3)	1.79(3)
ras homolog gene family, member E (ARHE)	1794550	2.49(7)	2.02(3)	1.83(7)
Nu77 homolog (NR4A1)	1958560	2.71(3)	4.21(3)	2.88(3)
glutamate receptor, ionotropic (GRIN2C)	1890164	1.79(3)	4.03(24)	3.48(24)
inhibin, beta B (INHBB)	1504993	1.44(24)	3.32(7)	2.23(24)
Cell Cycle Regulated Genes				
serine/threonine kinase 6 (STK6)	**129865**	-3.23(7)	-1.40(7)	-2.78(7)
serine/threonine kinase 12 (STK12)	161207	-3.26(7)	-1.56(24)	-2.80(7)
polo-like kinase (PLK)	**744047**	-6.68(7)	-1.66(7)	-4.66(7)
CHK1 (CHEK1)	**246524**	-2.05(7)	-1.66(24)	-1.96(7)
H4 histone family, member G (H4FG)	**1461138**	-4.57(24)	-1.43(24)	-3.65(24)
H1 histone family, member X (H1FX)	2219643	-2.04(7)	-1.99(24)	-1.85(24)
Cyclin A (CCNA2)	**950690**	-2.98(7)	-1.47(7)	-3.96(7)
centromere protein A (CENPA)	2444942	-3.95(7)	-1.60(24)	-3.97(7)
thymidine kinase 1, soluble (TK1)	2055926	-3.34(24)	-1.74(24)	-3.07(24)
Deoxythymidylate kinase (DTYMK)	**810156**	-2.25(24)	-1.41(24)	-2.21(24)

cAMP/Ca++ regulated genes	Clone ID	HP	MEN	TBH
3HMCoA reductase (HMGCR)	160822	2.21(7)	2.14(7)	2.53(7)
protein kinase C, theta (PRKCQ)	2637826	-1.81(24)	-1.86(24)	-2.02(24)
LDL receptor-related protein 6 (LRP6)	**322547**	1.66(7)	1.17(7)	2.13(7)
low density lipoprotein receptor (LDLR)	1986809	2.02(3)	2.63(3)	3.08(3)
adenylate cyclase 3 (ADCY3)	**897793**	-2.58(7)	-1.57(24)	-2.18(7)
calcium binding protein (Cab45)	**2315148**	2.01(7)	1.60(7)	2.00(7)
ATPase, Ca++ transporting (ATP2B1)	2547239	1.95(7)	1.30(3)	1.99(7)
Calcium Channel, voltage dependent (CACNB3)	**25922**	-2.49(7)	-1.61(7)	-2.51(7)
S100 calcium binding Protein P (S100P)	2060823	4.66(24)	1.69(24)	3.70(24)
DNA damage/repair regulated genes				
flap structure-specific endonuclease 1 (FEN1)	2050085	-2.88(24)	-2.09(24)	-3.19(24)
RAD51C (RAD51C)	**26997**	-2.25(24)	-1.41(24)	-1.89(24)
GADD153 (DD1T3)	**361456**	1.62(3)	1.36(7)	1.93(7)
polymerase, epsilon 2 (POLE2)	4521835	-2.85(7)	-1.61(24)	-2.44(7)
uracil DNA-glycosylase (UNG)	**49464**	-2.16(7)	-1.45(24)	-2.48(7)
Transcription Factors regulated genes				
prostate Ets transcription factor (PDEF)	**2313507**	-1.83(7)	-1.64(3)	-2.01(7)
Forkhead box M1 (FOXM1)	1516301	-3.78(7)	-2.04(7)	-3.68(7)
v-maf, protein G (MAFG)	1965689	1.35(7)	1.49(3)	2.11(7)
v-jun avian sarcoma virus homolog (JUN)	**358531**	1.73(3)	1.68(3)	2.03(3)
nrf-like 2 (NFE2L2)	**884438**	1.29(3)	1.10(3)	1.38(7)
Protein Degradation regulated genes				
ubiquitin-conjugating enzyme E2C (UBE2C)	**769921**	-3.90(7)	-1.50(24)	-3.77(7)
ubiquitin carrier protein (E2-EPF)	2057823	-2.73(24)	-1.60(24)	-2.43(24)
ubiquitin C (UBC)	2730250	1.51(3)	1.18(7)	2.95(7)
ubiquitin ligase (TOM1)	1879811	2.05(7)	2.83(7)	3.07(7)
Oxidative/Stress regulated Genes				
heat shock 105kD (HSP105B)	1922468	1.17(7)	1.95(7)	1.18(3)
heat shock 70kD protein 1B (HSPA1B)	**2492634**	1.73(3)	2.38(7)	1.53(3)
heat shock 70kD protein 1A (HSPA1A)	1696224	1.31(7)	4.21(7)	1.68(3)
heat shock 70kD protein 6 (HSP70B')	2123516	1.69(7)	3.52(7)	1.59(3)
Heat shock 70 KD protein 1 (HSPA1L)	**50615**	1.51(7)	3.38(7)	1.93(3)
phospholipase A2 receptor 1 (PLA2R1)	**511303**	2.61(24)	1.64(3)	2.44(24)
glutathione S-transferase theta 1 (GSTT1)	1870666	1.91(24)	1.93(24)	1.91(24)
glutathione peroxidase 2 (GPX2)	1633118	1.55(7)	1.75(24)	1.45(7)
BCL2-associated athanogene 3 (BAG3)	**486054**	1.43(7)	2.12(3)	1.26(3)
glutaredoxin (GLRX)	1238577	2.34(1)	2.17(1)	1.96(1)
Cytokines/Hormones regulated genes				
endothelin-1 (EDN1)	**47359**	7.00(7)	7.05(3)	5.59(7)
connective tissue growth factor (CTGF)	1674454	2.31(3)	3.32(3)	1.70(3)
amphiregulin (AREG)	2352645	2.90(7)	2.23(3)	1.84(7)
thymopoietin (TMPO)	2289176	-2.89(7)	-1.28(24)	-2.77(7)
somatostatin (SST)	2494617	-1.81(7)	-1.28(7)	-1.79(24)
Antioxidant Response Element regulated genes				
dihydrodiol dehydrogenase 1 (AKRC1)	**196992**	1.59(24)	1.90(24)	3.45(24)
dihydrodiol dehydrogenase 2 (AKR1C2)	**2449395**	2.48(24)	2.09(24)	4.31(7)
cationic amino acid transporter, y+ system (SLC7A11)	1397926	5.62(7)	4.03(7)	8.33(7)
glutamate-cysteine ligase, modifier subunit (GCLM)	132212	1.63(7)	2.00(7)	2.82(7)
heme oxygenase 1 (HMOX1)	**85259**	1.05(7)	1.37(7)	1.51(7)
NAD(P)H dehydrogenase (NQO1)	**813387**	1.25(7)	1.25(7)	1.71(7)
malic enzyme 1, NADP(+)-dependent (ME1)	2622181	1.51(7)	1.85(7)	2.02(7)
thioredoxin reductase 1 (TXNRD1)	630625	3.84(7)	3.92(7)	5.23(7)
Cytochrome P450 IB1 (CYP1B1)	**782760**	3.16(7)	3.26(3)	3.61(7)
ferredoxin reductase (FDXR)	**2409863**	1.89(7)	1.56(24)	2.57(7)
ferritin, light polypeptide (FTL)	2868138	1.21(24)	1.25(24)	1.62(7)
ferritin, heavy polypeptide 1 (FTH1)	27775	1.31(7)	1.37(7)	1.65(7)

Note: IMAGE clone identifications are shown in bold and IncytePD clones in regular text. Table shows the maximum to minimum ratio with the numbers in brackets being the time point at which the maximum or minimum ratio occurs.