

Supplemental Table 1

Gene Name	Feature ID	4h CAP+/NS	4h cap-/NS	18h CAP+/NS	18h cap-/NS
I117r	99992_at		-1.02		
Nfkbib	99982_at				1.66
Prkrir	99975_at				1.19
D0Kist4	99856_r_at				-1.63
	99849_at		1.14		
Siat4a	99847_at		1.15		
Sfrs5	99628_at		-1.38		
Top2a	99578_at				-2.33
Man2b1	99562_at				-1.47
Pla2g4a	99513_at				-1.03
Prkcb1	99510_at				-1.07
Hcls1	99461_at	-1.37			
Mki67	99457_at				-2.21
Gphn	99441_at				1.01
Cd83	99434_at				2.16
Tnfaip3	99392_at				1.86
0610037M15R	99378_f_at				1.29
Csf2ra	99330_at	-1.42	-1.48		
	99128_at			1.69	1.34
	99073_at				-1.39
Ccnf	99027_at		1.85		
Bcl2l1	99015_at		1.06		
Pml	98988_at		2.52		
Nfkbiz	98923_at				1.39
Rcl1	98828_at				-1.28
Itgam	98822_at				1.52
G1p2	98773_s_at				2.41
Irg1	98772_at		-2.30		
Cxcl5	98586_at		-1.10		
Nap1l1	98577_f_at	1.48			
Pfdn5	98575_at				-1.32
Fasn	98524_f_at	1.09			
Enc1	98500_at		-1.37		
Il1rl1	98483_at				2.37
Cacnb3	98478_at		1.17		
Ccng2	98465_f_at		2.39		
Ifi204	98451_at				1.10
Dnajb10	98447_at				-1.08
Cebpa	98436_s_at				1.79
Casp3	98432_at				-1.28
X99384	98417_at				1.45
Mx1	98410_at		1.82		
Igtp	98406_at				2.51
Ccl5	98405_at				2.28
Serpinb9	98402_at				-1.00
Macf1	98400_at				-1.07
Solt	98398_s_at		1.10		
Apobec1	98384_at				2.33
Ptk6	98338_at				1.93
En2	98146_at				1.01
Nup88	98099_at				1.03
Nudt9	98088_at		1.12		1.26
Cd14	98083_at				1.24
Copeb	98067_at				1.48
Cdkn1a	98055_at				1.26
Blcap	98030_at		1.24		1.11
Trim30	98002_at		1.12		2.46
Icsbp1	97976_at				1.04
Ktn1	97911_at		-1.30		
0910001L09Ri	97888_at				1.23
Rhog	97874_at			1.04	
1500032D16R	97834_g_at	-1.31			1.03
Pfkip	97819_at				1.19
Gsto1	97783_at	-1.38			2.07
Ccl17	97519_at		1.02		
Spp1	97515_at				-1.08
Hsd17b4	97504_at				1.92
Ccnd2	97489_at		-1.14		
Pygb	97462_at		-1.10		
3110006P09R	97444_at		-1.58		
Ifi30	97426_at				-1.17
Emp1	97421_at				-1.33
Smc2l1	97411_at				-1.41
Ect2	97409_at		2.00		
Ifi1	97393_at				-1.39
Vrk1	97346_at				1.31
2610001J05Ri	97296_at				1.03
Mrpl44	97253_at				1.32
Tpd52l2	97228_at				1.41
Lzf	97203_at		1.28		1.73
Mlp	97173_f_at				1.43
Map3k8	97106_at				1.26
Psama6	96952_at				1.14
9330101J02Ri	96909_at			1.03	
0610013D04R	96785_at		-1.50		
Anln	96784_at				-1.92
Icam1	96752_at				1.88
Auh	96650_at				1.15
5730536A07R	96613_at		-1.46		
Ndrp1	96596_at				1.65
Tor3a	96533_at		1.69		
Nup62	96515_at		1.58		2.60
Cdc20	96319_at				-1.20
1110020C13R	96278_at				1.46
2310075C12R	96271_at				1.23
Daxx	96125_at		1.57		
Mrpl36	96098_at		-1.02		
Hnrpd1	96084_at		-1.00		
	96068_at				1.82
Serpinb6a	96060_at				1.03
Rhoc	96056_at				1.03
C1qb	96020_at				-1.19
Sri	96004_at				1.18
Supt4h1	95796_g_at				1.31
Supt4h1	95795_at				2.11
	95775_f_at				-1.03
Scd2	95758_at				-1.28

1200015A19R	95737_at			1.35
Basp1	95673_s_at			1.02
5830411E10R	95655_at			1.47
Stard3	95607_at		1.22	
BC018601	95564_at	1.11		
Rab3ip	95539_at		1.00	
Rab9	95516_at			1.03
Tipin	95497_at		-1.08	
Egln1	95468_at		-1.00	
2810405J04Ri	95451_at			-1.19
Cai	95423_at			-1.95
C1r	95415_f_at			-1.06
Sema4b	95387_f_at	-1.21		
A430106J12Ri	95289_r_at			1.82
A430106J12Ri	95288_i_at			2.13
Asns	95133_at		1.03	
Tm4sf13	95120_at			1.24
1110038D17R	95119_at			1.38
Kif22	95118_r_at			-1.56
Cdca7	95063_at			-1.59
Prc1	95032_at			-1.03
Usp18	95024_at		1.99	1.18
Itpr1	94977_at			-1.08
Ptpn1	94929_at	-1.06		
Cdkn1a	94881_at			1.18
Tubb2	94835_f_at		-1.67	
Hist1h2ai	94805_f_at			-1.23
D030034H08	94784_at			-1.23
Scya7	94761_at		3.50	
I11a	94755_at		2.77	1.96
Gna15	94753_at			-1.10
	94745_f_at			1.17
Klk9	94716_f_at			-1.24
Peli1	94505_at		1.05	1.18
Sgpp1	94501_at			-1.25
Casp6	94458_at		-1.05	
Inpp5b	94399_at			1.04
Inpp5b	94398_s_at			1.23
Akap8	94390_at		-1.50	
Ide	94380_at			-1.25
Dctn2	94299_at			1.28
Ccnb2	94294_at			-1.57
Ubl5	94267_i_at			1.04
Clic4	94256_at			1.41
Clic4	94255_g_at			1.51
Ifi202b	94224_s_at			1.12
Grcc8	94217_f_at			-1.25
Txnrc7	94209_g_at			-1.10
Txnrc7	94208_at			-1.17
Scya4	94146_at		4.49	
Prg1	94085_at			1.19
Crip1	94061_at		-1.01	1.07
Scd1	94056_at			-1.06
Cnn2	94004_at			1.62
Psmc12	93971_f_at			1.41
Ifit3	93956_at		3.78	
Cd80	93906_s_at			2.10
Cd80	93905_at			2.22
Bcl2a1d	93869_s_at			1.26
Cxcl10	93858_at		5.02	
Ifi2	93823_at			1.04
5031415C07R	93779_at		1.38	1.90
Iars	93752_at			-1.16
Tcn2	93736_at			-1.13
Ccl12	93717_at		1.49	
Pias3	93708_at			1.04
Cd5	93637_at		1.74	
Ccrl2	93617_at		2.01	
Syngn2	93586_at			1.16
A1326478	93583_s_at			-1.39
Mt1	93573_at			1.01
Ndufa8	93531_at		-1.13	
C3	93497_at			1.36
Srr	93488_at			-1.04
9130211I03Ri	93465_at			1.05
Bmp2k	93376_at			1.53
Tep1	93367_at			-1.57
Sugt1	93366_r_at			1.44
Mcm7	93356_at			-1.84
Timm22	93348_at			1.17
Hdc	93328_at		2.68	
Polr2e	93325_at			1.10
Zfp361	93324_at			1.29
Ifi203	93321_at		2.03	
Rasa3	93319_at			-1.30
Dusp6	93285_at			-1.45
A130022J15Ri	93175_at			-1.05
Mcm2	93112_at			-1.63
Kpnb1	93111_at			-1.02
Btg1	93104_at			1.38
Za20d3	93082_at			1.13
1110054N06R	93055_at		-1.02	
Mcm4	93041_at			-1.52
Idb2	93013_at			1.96
Cadps	92989_f_at			1.24
Cadps	92988_i_at			1.81
Tnfrsf5	92962_at		1.50	1.89
Trim21	92942_at			1.27
Prdm1	92904_at			1.49
Tgfb1	92877_at		-1.90	
Phc2	92867_at			1.05
Ccl6	92849_at		-1.72	
Fscn1	92838_at			1.30
Socs1	92832_at			1.10
Zfp36	92830_s_at			1.52
Tnfrsf1a	92793_at			-1.01
Irf4	92737_at			1.36
Mertk	92698_at			1.41
Stxbp3	92648_at			1.99
Aurka	92639_at			-1.24

Map2k1	92615_at	-1.03		1.04
	92585_at			1.31
Esd	92553_at			2.05
Tnfsf9	92415_at	2.05		1.03
Ltc4s	92401_at			-1.11
Ptpn8	92356_at			2.10
Plk2	92310_at	2.10		1.31
Ikbke	92301_at			1.29
Arl5	92294_at			-1.15
Cfh1	92291_f_at			-1.17
Fdft1	92256_at			1.62
AI607873	92251_f_at	1.62		2.42
Nr4a2	92249_g_at	2.42		1.90
Nr4a2	92248_at	1.90		1.57
Socs3	92232_at	1.57		-1.15
C1qg	92223_at			-1.47
A430107D22R	92206_at			1.02
Cd6	92204_at	1.02		-1.60
AI467657	92202_g_at			1.65
Stat5b	92199_at			1.05
Ft1	162479_f_at		1.05	
Ddx17	162424_f_at	-1.04		1.41
	162262_f_at			1.31
Socs3	162206_f_at	1.31		1.20
Notch1	162204_r_at		1.20	
Irf7	162202_f_at	1.15		
Ccl6	162198_f_at	-1.05		
Tax1bp3	162014_i_at	1.24		
Lsp1	161914_s_at			1.21
Gadd45b	161666_f_at	2.19		2.86
G1p2	161511_f_at			2.27
Lman2	161472_r_at	1.10		
Scel	161132_at			-1.00
Ndufab1	161122_f_at		1.23	1.12
Trib3	161067_at	1.30		
4633402D15R	160992_at			1.02
C330027C09R	160973_at			-1.21
Odf2	160970_at	-1.30		
Rasa4	160965_at			1.21
Ddhd1	160935_at			1.20
Igtp	160933_at	2.19		
Dnm1l	160931_at			1.01
BC005662	160897_at			1.58
Lbr	160890_at			-1.21
Phlda1	160829_at			1.12
BC032204	160815_at			-1.07
Stk39	160806_at			1.08
1300007C21R	160799_at	1.63		
Kif2c	160755_at			-1.72
Elf1	160721_at	-1.20		
AW146242	160715_at			1.91
Ogfr	160668_at	1.59		
Cdk7	160658_at			-1.05
Cpd	160655_at			-1.05
Gsr	160646_at	-1.44		
	160640_at		1.07	1.40
Tra1	160499_at			-1.00
Mcm3	160496_s_at			-1.28
Tnfaip2	160489_at	1.59		
Cat	160479_at	-1.73		1.14
Thbs1	160469_at			1.12
Ndrgr1	160464_s_at			1.37
Nol7	160398_at		1.35	
Etnk1	160393_at	1.03		
Fads1	160391_at			-1.03
Cd34	160358_at			-1.66
Cpeb1	160273_at			-1.60
	160254_at			-1.16
Cox17	160230_at			1.26
Gtf2b	160225_at			1.07
Dnajc9	160203_at			-1.14
Slc33a1	160201_r_at			2.11
Acate3	160171_f_at			1.25
Mglap	160119_at			-1.20
Gmnn	160069_at	-1.16		
Olfir56	104750_at	2.38		1.01
Pros1	104728_at			-1.48
Myc	104712_at			-1.63
Irf7	104669_at			1.07
Lifr	104659_g_at			-1.79
Snx14	104651_at	-1.16		
Kif4	104644_at			-1.47
Dnajb6	104625_at			1.04
Gpc1	104614_at			1.15
Dusp1	104598_at			1.85
Rad51	104527_at			-1.45
Ch25h	104509_at	3.84		
4921515A04R	104494_at			1.22
	104467_at			-1.52
Ccr7	104443_at			3.56
AA407659	104434_at			-1.06
1300010A20R	104398_at			1.75
Ccl9	104388_at			1.47
Pon2	104378_at	-1.11		
Csf1r	104354_at			-1.09
Aqp9	104328_at			1.04
Zdhhc14	104299_at			-1.32
1110031M08R	104296_at	-1.08		
5031439G07R	104284_at			-1.01
Tbc1d15	104283_at			2.07
Pscdbp	104256_at			1.66
Snx5	104225_at			-1.03
Slc7a8	104214_at			-1.25
Cyhr1	104209_at			1.03
Traf6	104189_at			1.40
Hgfac	104182_at			-1.06
Rsad2	104177_at	4.93		
Cpsf2	104161_at			-1.11
Atf3	104156_r_at	1.77		
Atf3	104155_f_at	2.79		1.19

Nfkbia	104149_at		1.09	1.74
Gtpbp2	104144_at		1.11	
2310040A13R	104117_at			-1.08
Rab21	104112_at			1.14
AA606869	104104_at			1.26
Bub1	104097_at			-1.87
8430420C20R	103916_at			1.41
Centg3	103900_at			-1.03
Eli2	103891_i_at			1.28
Prpf31	103885_at	-1.17		
	103863_at		1.12	
2900001004R	103852_at			1.19
Cdc6	103821_at		-1.24	-1.67
D5Ert135e	103786_at			2.38
BC037034	103738_at			-1.30
	103736_at			-2.02
Scin	103715_at			2.05
A230075M04R	103697_at			-1.25
	103685_at			-1.08
Lancl1	103656_at			1.08
Ifit2	103639_at		4.73	
Fnbp1	103638_at			1.04
2810407K09R	103631_at			1.17
Nfkb2	103614_at		1.47	1.64
Cd47	103611_at			1.11
Dgka	103596_at			1.24
Ablim1	103574_at			-1.22
Ibrdc3	103563_at			1.10
Ralgps1	103556_at		1.25	
AI573938	103547_at			1.23
Tnfrsf9	103509_at			2.34
Ii1b	103486_at		1.64	
Tbc1d15	103471_at			1.79
Ptk2b	103451_at			-1.08
Ifih1	103446_at		2.70	
Dna2l	103444_at			-1.23
Aim1	103443_at			1.13
Isg20	103432_at		2.41	
AL024210	103429_i_at	1.46		
Cd1d1	103422_at			2.33
Rfc4	103418_at		-1.16	
Adcy7	103392_at			-1.47
Tera	103385_at			1.03
Ptger4	103362_at			1.66
Ctps	103341_at			-1.01
AI132321	103299_at			-1.04
	103273_s_at			-1.24
Mtmr1	103264_at			1.81
Fln29	103254_at		1.06	
Dfna5h	103250_at		-1.40	
Rhoh	103231_at			-1.01
Cflar	103217_at		2.48	
BC006933	103212_at			-1.19
Pola1	103207_at			-1.37
4432406C08R	103204_r_at			-1.66
Relb	103091_at		1.53	1.79
Samhd1	103080_at			1.03
Topbp1	103071_at			-1.19
Chek1	103064_at			-1.37
Cd83	103040_at			3.46
Tap1	103035_at		1.04	
Pdcd4	103029_at			2.40
Mov10	103025_at			1.27
Map3k1	103021_r_at			1.11
Map3k1	103020_s_at			1.46
Cd68	103016_s_at		-1.09	
AI481105	102965_at		2.00	
Nfil3	102955_at			2.07
Tgtp	102906_at		2.90	
Sybl1	102885_at			1.05
Inpp5d	102884_at			-1.42
Pkib	102858_at			1.67
Plscr1	102839_at			1.10
	102831_s_at			1.09
Ext1	102811_at			1.10
Cxcr4	102794_at			1.61
Ung	102792_at		-1.16	
Gadd45b	102779_at			2.04
Tgfb3	102751_at	1.05	1.92	
Edn1	102737_at		3.37	
Birc2	102734_at			1.31
Saa3	102712_at			1.62
Mx2	102699_at		2.70	
Klk26	102693_f_at			1.14
Tnf	102629_at		3.80	
Ccl3	102424_at		4.24	
Dnajc3	102415_r_at			-1.15
Irf1	102401_at		1.99	
Junb	102363_r_at			1.11
D1Bwg0491e	102336_at			1.49
Adcy6	102321_at			1.36
Siat8d	102318_at			2.04
Gch1	102313_at			1.14
Ccl22	102310_at		1.43	2.42
Tiam1	102283_at			-1.21
Sifn1	102264_at		1.09	
Gprk5	102217_at		1.19	
Nfatc1	102209_at		1.25	
1810027D10R	102104_f_at		1.27	
Ii16	102029_at			-1.11
Mrpl13	102019_at			1.25
Rrm2	102001_at			-1.28
Ptpn2	101996_at			1.04
Sqstm1	101995_at	-1.29		
Cited2	101973_at		1.29	
Tfdp1	101959_r_at			-1.19
Ptpre	101932_at			-1.13
Cd1d2	101897_g_at			1.45
Fts	101894_s_at			1.03
Fts	101892_f_at			1.20

H2-DMb1	101868_i_at	-1.79	-1.54	
Sp100	101848_g_at		1.25	1.08
Lrmp	101835_at			-1.12
Lzp-s	101753_s_at		-1.86	
H2-Q8	101658_f_at			1.16
Btg2	101583_at		1.22	
Emb	101560_at		-1.10	-1.20
NKfbia	101554_at		1.16	1.71
Tes	101551_s_at			1.58
Stat1	101465_at			1.02
Csf1	101450_at		2.50	
Dnmt1	101445_at			-1.34
Ddit3	101429_at		1.29	
Cerk	101426_at			-1.05
Anxa3	101393_at		-1.49	2.10
Adora2a	101363_at			1.43
	101350_g_at			-1.30
	101300_at			1.02
C76746	101221_at			-1.72
Cxcl2	101160_at			2.33
Capn2	101040_at		-1.22	
Ifnar2	101014_at	1.13		
Itgb1bp1	100990_g_at			1.01
Ifit1	100981_at		4.63	
Cstf3	100968_at			1.03
Serpind1	100966_at		1.74	
Nab2	100962_at		1.24	
Spata13	100958_at			-1.01
Ank	100948_at	-1.43		
Hspa1a	100946_at	2.55	3.84	
AW112010	100944_at			2.39
Itgb7	100906_at			-1.05
Smc6l1	100887_at		-1.21	
Rrm1	100612_at			-1.92
Lyzs	100611_at		-1.37	
Atf4	100599_at		1.04	
	100597_at		-1.21	1.65
Psme2	100588_at			1.43
Anxa4	100584_at			1.13
Laptrm4b	100571_at			1.09
Anxa2	100569_at			1.02
Dscr1	100555_at		1.70	
Ezh1	100486_at			1.11
Mmp13	100484_at		2.40	
Stat5a	100423_f_at		1.49	1.91
Stat5a	100422_i_at		1.31	1.28
Mcm5	100156_at			-2.29
Cdc2a	100128_at			-1.26
Chrac1	100126_at			1.16
2810417H13R	100116_at			-1.55
Gart	100066_at			-1.26
Mcm3	100062_at			-1.18
Idb1	100050_at		-1.56	
Cish	100022_at		1.22	1.02
Traf4	100005_at		1.34	

Each number in the columns represents the gene expression as a log2 of the ratio encapsulated/NS or acpsular/NS. The blank indicates no significant changes in gene expression. Each data point is the average of three or four different experiments. Data shown are genes with a p-value < 0.05 and with a group difference  $\geq 1$  or  $\leq -1$ .