Supplemental Table 5. Significant genes from 2-Class analysis of L vs C (0.1% FDR)

GenBank#	GENE_SYMBOL	log2(L/C)
W74070	ABCA8	0.583
AI241278	ABHD5	-0.381
AA974971	ABTB1	-0.226
AA788780	ACSL3	-0.381
AA456112	ACTR3	-0.488
AA004412	AFF1	-0.396
AA400121	AKAP14	-0.310
AI217765	AKTIP	-0.377
AA045665	ALG13	-0.328
AA910213	ALS2CL	0.421
R82299	AMD1	-0.383
R89365	AMN1	0.346
AI219775	ANKRD11	-0.331
N25798	ANKRD28	-0.364
H28119	APBB1	0.404
AI185458	APC	-0.368
R93602	ARG1	-0.305
AA281729	ARL5B	-0.427
AA922226	ARL5B	-0.335
R31524	ARMC8	-0.322
AA015658	ARRDC3	-0.660
AI091540	ARRDC3	-0.723
R33609	ARRDC3	-0.982
R53578	ASB1	0.295
AI198924	ASF1A	-0.316
H75690	ATAD2B	-0.463
AA455126	ATP5G2	0.341
AA873577	ATP5O	-0.241
AA436260	ATP9A	0.372
AI336948	BACH1	-0.387
T41078	BAZ2B	0.489
H15040	BCAS1	0.591
AA865590	BCAT1	0.842
AA479126	BCLAF1	-0.269
R20547	BHLHB9	-0.557
AI215937	BIRC6	-0.400
H94857	BLOC1S1	-0.296
R43576	BLZF1	-0.380
AA678065	BPGM	-0.345
N55342	BRAF	-0.217
H72520	BRD2	-0.184
N68510	BRD3	0.297
AA488443	BRMS1	-0.200
W38022	BSPRY	-0.359
N51323	BTG1	-0.411

AA777765	C10ORF12	-0.292
AA279748	C10ORF6	0.179
R06581	C10ORF95	0.286
R38090	C11ORF41	1.019
AA634132	C11ORF49	0.366
AA476235	C11ORF51	-0.335
AA451900	C12ORF24	0.232
AI733697	C12ORF30	-0.368
AA491265	C13ORF7	-0.422
AA906454	C14ORF108	-0.346
W88562	C14ORF119	0.315
H58992	C14ORF32	-0.304
R95913	C14ORF43	0.318
N73031	C1GALT1	-0.418
W42541	C1ORF50	-0.211
AA418004	C1ORF77	-0.168
AA071005	C1ORF92	0.260
R44985	C20ORF103	-1.452
N57483	C21ORF63	0.252
AA922097	C2ORF34	-0.382
AA521371	C2ORF47	-0.228
AA701931	C2ORF60	-0.268
R07444	C3ORF62	-0.226
AA780059	C5	0.330
AI348442	C5ORF5	-0.361
AA883504	C7ORF54	-0.424
AA775840	C9ORF123	0.223
AA029441	CAMK2D	-0.658
W30935	CAMK2D	-0.464
AA278326	CAPN3	-0.517
T50828	CASP7	-0.489
AA628201	CCDC26	-0.329
AA701978	CCDC50	-0.419
AA902164	CCDC50	-0.614
H61552	CCDC50	-0.466
AA040170	CCL7	-0.348
AA903402	CCM2	-0.321
AA465166	CCNL1	-0.303
N95657	CCNY	0.269
AA418546	CD109	0.812
AI278292	CD109	0.746
AA463248	CD160	-0.355
R00276	CD38	-0.895
AA886208	CD40	-0.684
AA279883	CD69	-0.655
AA778310	CENTD3	0.441
AI301694	CINP	-0.215
N73571	CIR	-0.321

N68012	CLK4	0.410
AA664363	CNOT2	-0.220
AA421218	CRABP1	0.346
AI672251	CRELD1	0.330
AA626724	CREM	-0.447
AA778314	CRIM1	-0.465
R55334	CROCCL2	0.679
H72119	CYBB	-0.553
AA150422	CYBRD1	0.744
AA448157	CYP1B1	0.860
AI371096	DAPK1	0.776
AA664024	DARS	0.282
R19889	DAZAP2	-0.234
AI305162	DCP1A	-0.311
AA402879	DDX12	0.379
AI050014	DDX31	0.256
H72937	DECR1	-0.336
T68845	DEXI	0.375
AA455350	DFNA5	0.639
W86861	DHX38	-0.250
AA490887	DNAH11	-0.331
AA772816	DNTTIP2	-0.251
R51103	DPH4	0.242
N57906	DPY19L2P2	0.429
AA045278	DSE	-0.841
H44784	DST	-0.460
N67598	DST	-0.423
T97599	DTX1	0.598
AI299221	DUSP18	-0.414
W84790	DVL3	0.326
AA994757	DYNLT1	-0.261
AA504812	EBF1	-0.250
H11003	EDN1	-0.649
AA779937	EEPD1	0.338
H60119	EHBP1	-0.340
H40023	EIF5	-0.656
AA040699	ELK3	-0.375
N48701	ELK3	-0.477
AA707219	ELL2	-0.597
H15844	EP400NL	0.355
AA987359	EPB41	0.302
AA120875	EPC1	-0.567
H54779	EPC1	-0.483
N49717	EPC1	-0.382
N93236	ETNK1	0.292
T53220	FABP1	-0.529
AA977210	FAF1	-0.433
AA292086	FAM102A	0.597

AA489655	FAM104B	0.394
R22340	FAM62B	0.345
N51589	FBXO3	-0.298
R54846	FGFR1	0.695
H96630	FLJ14082	0.372
AI288235	FLJ35282	0.510
AI264427	FLJ38028	0.402
AA872279	FNBP4	0.319
T71650	FRS2	-0.306
N95761	FUCA1	0.308
AA633847	FUSIP1	-0.229
AI093876	GABPB2	-0.500
N48820	GABPB2	-0.501
R24969	GABRB1	-0.377
AA461427	GAS6	0.425
AA884898	GATAD2B	0.281
AI129398	GLIPR1	-0.314
AA703619	GLUD2	-0.255
AA620960	GNG2	-0.511
N26108	GNG2	-0.305
AI017149	GRHL3	-0.366
R93719	GSPT1	0.489
AA133566	GTF2E2	0.266
R43008	GTF3C4	-0.192
W69399	H1F0	1.049
R14663	HBEGF	-0.441
R38639	HDHD1A	-0.346
AI140978	HIPK2	0.413
AA436252	HIST2H2AA3	0.319
AA703577	HK1	-0.333
AA634028	HLA-DPA1	0.439
AI248021	HLF	-0.446
AA702785	HMGN3	0.276
AA035430	HN1	-0.298
H99811	HNRPA3	-0.260
AA609738	HNRPD	-0.422
H82104	HNRPD	-0.441
T55592	HNRPD	-0.376
H79035	HOMEZ	0.401
AA705942	HOOK3	0.532
N68512	HPS4	0.292
H13205	IDS	-0.446
H79047	IGFBP2	0.627
T52830	IGFBP5	-0.515
W73790	IGLL1	-1.249
N59270	IL15	-0.844
AA262235	INTS6	0.460
AA195041	IPO11	-0.382

AA598781	IRF2BP2	0.704
T68169	IRF2BP2	0.550
AA406020	ISG15	-0.666
AA463610	ITGA2	-0.907
AA436187	ITGAM	-0.582
AA609962	ITGAM	-0.662
AA284634	JAK1	-0.356
AI492016	JAK1	-0.523
H56961	JMJD2C	-0.456
AA278766	KBTBD8	-0.414
AA151374	KCNC4	0.371
AA443903	KCNN4	0.490
T99645	KCTD5	0.564
AA904593	KIAA0146	-0.310
N36389	KIAA0226	-0.405
W94774	KIAA0226	-0.355
AA902459	KIAA0907	0.295
AA149527	KIAA0947	-0.247
T52700	KIAA1161	0.387
N47010	KIAA1432	-0.802
AA018618	KIAA1529	0.258
AA446456	KIAA2018	-0.372
W86466	KIF13B	-0.309
AA156946	KLF6	-0.798
AA416628	KLF6	-0.666
AA865224	KLF6	-0.731
AA111979	KLHL24	-0.683
AI090289	KLHL24	0.546
T57349	KLHL24	0.516
AA702797	KLHL6	0.709
AA194143	KRCC1	0.534
AI018099	KRT18P42	-0.624
AA757812	LAP3	0.307
AA934126	LARGE	0.294
AA704941	LARP5	-0.507
AA995174	LETMD1	0.256
N29986	LHFPL3	0.369
R63497	LOC349114	0.425
AA418748	LOC389831	0.817
H94667	LOC389831	0.508
N26163	LOC389831	0.617
AI301365	LOC389833	0.454
AI018016	LOC401089	0.576
AA857705	LOC401131	0.600
T91078	LOC401321	0.527
R49013	LOC492311	0.403
AA988586	LRP11	-0.320
AA456020	LRRC40	-0.314

H19123	LRRC49	-0.287
R49462	LSAMP	-0.315
AA446899	MAN1B1	0.286
AI141972	MARCH6	0.577
N72288	MARCH7	-0.415
R56894	MARK1	0.493
R56829	MASP2	-0.498
AI273507	MBIP	-0.352
AA131516	MBNL1	-0.327
H17696	MBP	-0.298
AA488979	MCRS1	-0.246
AA206614	MCTP2	-0.488
AA122265	MED13	0.246
AI076295	MEMO1	-0.547
AA398341	MFAP3L	-0.331
AA476584	MGC12966	0.349
AA284296	MGC70863	0.449
AA778856	MICAL2	-0.357
H11661	MIZF	0.265
AA443300	MMP15	0.235
AA210701	MOBKL1B	-0.468
N36400	MPP5	-0.270
AA932558	MRPL14	-0.275
AA454566	MRPL21	-0.311
AI348664	MRPS11	-0.253
AI221939	MRPS14	-0.364
N64429	MRPS18C	-0.345
R20655	MRPS21	0.191
AA917821	MRPS30	0.366
AA933721	MTMR2	-0.352
AI239814	MYB	0.412
AA167269	NAP1L1	0.258
AA678176	NAT13	-0.309
AA777399	NAT13	-0.359
H16725	NAT13	0.312
AA521358	NCOA5	-0.741
AA029312	NEK9	0.255
R24543	NET1	-0.547
AA456821	NETO2	-0.395
AA778640	NPEPL1	0.339
H37761	NR4A3	-0.444
N72196	NR4A3	-0.359
R38208	NSL1	-0.334
AA424756	NUFIP2	0.347
N25650	OSGIN2	0.267
AI222165	PABPC1	-0.375
H14604	PANK1	0.337
T81837	PAPD4	-0.357

AA504356	PCBP2	-0.401
AA136060	PCGF5	-0.375
R53951	PDCD6	0.383
R82991	PDCD6IP	0.397
AA453293	PDE4B	-0.718
AA432103	PDLIM5	-0.351
AA443846	PDLIM5	-0.444
AA521459	PER3	-0.624
T97353	PFTK1	-0.538
AA426516	PGK1	-0.289
AA286777	PHC3	-0.510
AI168122	PHC3	-0.363
AA976909	PHF3	-0.211
AA417700	PHLPPL	0.352
N63635	PIM1	0.562
AA427940	PLN	-0.356
AI671250	PNO1	-0.274
R38655	POMP	-0.367
AI160166	PPIA	-0.350
AI080633	PPM2C	-0.325
AA876421	PPP1CB	-0.452
AA071526	PPP1R10	0.314
N52605	PPP1R2	-0.320
AA598632	PPP1R9B	0.257
AA599092	PPP2CB	-0.197
AI336804	PPP2R5C	-0.331
H57273	PRCP	0.437
AA157112	PRDM11	-0.190
H96775	PRKAA1	-0.236
AA181500	PRKAR2B	-0.541
R89715	PRKCG	-0.625
N76967	PRMT1	-0.230
AA629264	PSCD3	0.380
R67376	PSCD3	0.508
AA862434	PSMB9	-0.361
AA282230	PSMC3	-0.313
AA497132	PSMD12	-0.339
N67051	PTEN	-0.504
R59579	PTGDS	-0.316
R06605	PTPN1	-0.387
T57321	PTPN1	-0.238
W92859	PTPN1	-0.496
H74265	PTPRC	-0.471
R38343	PTPRG	-0.448
AA909676	PVT1	0.486
AI498125	PVT1	0.406
H29198	PVT1	0.479
N66624	QKI	-0.314

H99843	QPRT	0.246
N69689	RAB1A	0.727
AA677106	RAB2A	-0.364
AI290596	RAB30	-0.441
H99054	RAB30	-0.534
R06712	RAB5B	0.273
AA972030	RALGPS2	-1.051
AA022908	RAPGEF2	-0.674
AA488969	RAPGEF2	-0.527
N26823	RBBP6	-0.259
AI056049	RDX	0.235
AA677078	REEP5	-0.310
AA708786	REV3L	-0.428
AI028234	RHOA	-0.430
AA455970	RNF139	-0.451
H84113	ROM1	-0.356
AA878775	RP13-15M17.2	-0.290
AA279467	RPL23AP7	0.437
AA699790	RPL31	0.517
AI689992	RPS12	0.290
R10570	RPS18P1	-0.252
H41165	RPS19	0.275
AA626146	RPS24	0.360
AA886236	RSBN1L	0.337
AA291183	RSRC2	-0.349
AI209205	RSRC2	-0.464
AA463447	SCCPDH	0.268
AI218719	SCFD1	-0.317
AA704707	SECISBP2	-0.319
AA430512	SERPINB9	-0.737
AA876198	SF3B1	-0.194
AA883496	SFRS10	-0.687
AI583623	SFRS10	-0.358
AA459293	SGMS1	-0.513
H48346	SGMS1	-0.544
T55587	SGMS1	-0.368
AI262665	SGOL2	-0.426
AA452545	SGTB	-0.418
AA446651	SH3D19	-0.984
AA976599	SH3D19	-0.377
AI268056	SH3GLB1	-0.246
AA610081	SLC16A1	-0.674
AA461071	SLC23A2	0.850
AA970905	SLC25A46	0.284
R53531	SLC27A5	0.296
AA701168	SLC35E2	0.284
AA491292	SLC39A10	0.469
W45014	SLC46A1	0.345

AI362952	SLC7A1	0.296
AI042030	SMC1A	-0.282
AA912705	SP3	-0.441
AA399253	SPAG9	0.378
AI341901	SPHK1	-0.305
AA428181	SPIN1	-0.243
AA677280	SPRED1	-0.402
AA906879	SPTY2D1	-0.434
W91960	SSBP3	-0.487
AA975530	SSH2	-0.441
AA167386	SSPO	0.399
H19227	ST3GAL6	1.118
AA282023	STAT5B	-1.306
H98683	STK4	-0.282
N53133	STRBP	-0.276
R56082	SV2B	0.698
AI223295	SYNE2	-0.494
AI091450	SYTL3	-0.983
AA906896	TATDN3	-0.306
AA708275	TBC1D3B	0.310
T95578	TBRG1	-0.216
AA938573	TBXAS1	0.605
AI219532	THAP9	-0.251
AA975183	THEM4	0.482
AA479252	TM9SF2	-0.284
AI266442	TMEM140	-0.461
R16019	TMEM140	-0.311
AA127069	TMEM158	0.480
AI016000	TMEM16F	-0.330
AA429477	TMEM184B	-0.271
AA634063	TMEM22	0.673
AI150297	TMEM30A	-0.438
AA702111	TMEM34	-0.289
AA977196	TMEM38A	0.421
H54629	TNFSF10	-0.786
AI241421	TNKS	-0.302
AA158797	TNNI3	-0.272
AI342950	TOR1AIP1	-0.310
N32281	TOR1AIP1	-0.277
W15521	TOR1AIP1	-0.456
AI250784	TOX	-0.621
AA677257	TPMT	-0.334
AA664004	TPP1	0.360
R95732	TRDMT1	-0.445
AI077990	TRIB1	-0.626
AI244972	TRIB1	-0.499
H96982	TRIM13	0.421
AA426120	TRIM33	-0.306

AA663944	TRIM4	0.375
N27415	TRIM4	0.310
AA449161	TRIP4	-0.262
AA418614	TRUB1	0.373
N45223	TSC22D2	-0.413
AA676649	TSHZ2	-0.328
AA455945	TSPO	0.770
AI075923	TSSK4	-0.342
AI028308	TTC17	-0.365
AI382562	TXLNA	0.235
N34055	TXLNA	0.358
T64881	UBAP1	-0.258
AI248210	UBE2A	-0.388
AA465196	UBE2D3	0.295
AA156342	UPF1	0.263
AA629862	UQCR	-0.315
AA399952	USP50	-0.351
AA281137	USP6NL	-0.425
AA281137	USP6NL	-0.453
T71990	WBP2	0.292
AA670394	WBSCR18	0.259
AA205598	WDR72	-0.444
R98339	WTAP	-0.186
AA071470	WWC3	0.518
AA453477	XPNPEP1	-0.335
AA453474	XPR1	-0.330
N72256	ZADH2	0.427
W07745	ZADH2	0.407
AA777255	ZC3H15	-0.377
AI276783	ZCCHC11	0.234
AA775791	ZDHHC16	-0.273
AA443116	ZMIZ1	0.710
AA005196	ZNF138	-0.556
AA256471	ZNF189	0.241
AA886999	ZNF197	0.470
R81831	ZNF217	0.460
N45114	ZNF322A	0.420
AA017242	ZNF407	-0.560
AA504273	ZNF514	-0.392
H23529	ZNF566	0.245
AA970119	ZNF585A	0.303
AI290275	ZNF638	0.379
AA706892	ZNF652	-0.347
AA021202	ZNF785	0.267
AA400474	ZPBP	-0.869
AA013481	unknown	-0.527
AA018569	unknown	-0.456
AA115749	unknown	-0.293

AA131707	unknown	-0.389
AA406581	unknown	-0.362
AA416760	unknown	-0.514
AA421352	unknown	-0.279
AA424912	unknown	0.459
AA432144	unknown	-0.381
AA450332	unknown	0.428
AA453460	unknown	-0.254
AA478730	unknown	0.690
AA490486	unknown	0.717
AA609363	unknown	0.450
AA620472	unknown	0.430
AA630097	unknown	0.266
AA630169	unknown	0.325
AA663366	unknown	0.310
AA664228	unknown	0.241
AA664377	unknown	0.543
AA682559	unknown	-0.392
AA703378	unknown	-0.382
AA705081	unknown	-0.545
AA707550	unknown	-0.267
AA707784	unknown	0.280
AA708823	unknown	0.317
AA775755	unknown	0.360
AA777875	unknown	-0.389
AA779258	unknown	0.284
AA873427	unknown	0.404
AA878762	unknown	-0.388
AA894630	unknown	0.430
AA908241	unknown	0.481
AA909118	unknown	-0.297
AA916872	unknown	0.408
AA918057	unknown	-0.391
AA921942	unknown	0.370
AA927821	unknown	-0.353
AA933890	unknown	0.326
AA934026	unknown	0.270
AA934401	unknown	-0.324
AA934559	unknown	0.333
AA934753	unknown	-0.580
AA936171	unknown	-0.344
AA939251	unknown	-0.601
AA960789	unknown	0.543
AA971895	unknown	0.705
AA984679	unknown	-0.418
AA991950	unknown	0.694
AI003149	unknown	0.261
AI003774	unknown	0.384

AI018042	unknown	-0.314
AI018127	unknown	-1.492
AI031771	unknown	-0.319
AI032307	unknown	0.441
AI050027	unknown	0.394
AI074217	unknown	0.441
AI076071	unknown	0.406
AI076602	unknown	0.560
AI087951	unknown	0.794
AI096618	unknown	-0.347
AI125886	unknown	0.427
AI127342	unknown	-0.507
AI140281	unknown	0.281
AI150185	unknown	0.304
AI187812	unknown	0.437
AI198650	unknown	0.766
AI200332	unknown	0.519
AI240359	unknown	0.851
AI245201	unknown	-0.318
AI246463	unknown	-0.395
AI248260	unknown	0.471
AI262392	unknown	-0.340
AI274393	unknown	-0.346
AI279255	unknown	0.402
AI286198	unknown	-0.416
AI301734	unknown	0.347
AI302850	unknown	0.407
H06377	unknown	0.376
H09334	unknown	-0.377
H10156	unknown	-0.595
H14231	unknown	0.493
H15704	unknown	0.283
H22949	unknown	0.498
H66147	unknown	0.254
H73587	unknown	-0.383
H73594	unknown	-0.415
H96554	unknown	0.310
N25657	unknown	0.363
N47002	unknown	0.339
N65982	unknown	-0.553
N69252	unknown	0.468
N69453	unknown	-0.889
N70654	unknown	0.632
N72150	unknown	-0.515
N76276	unknown	-0.438
N77198	unknown	0.430
N80451	unknown	-0.618
N94488	unknown	0.378

N95440	unknown	-0.674
null	unknown	-0.293
R01246	unknown	0.375
R20640	unknown	-0.269
R26614	unknown	-0.457
R26811	unknown	0.323
R30960	unknown	0.306
R37119	unknown	0.409
R37598	unknown	0.310
R38613	unknown	0.277
R39745	unknown	0.392
R45284	unknown	0.294
R51386	unknown	0.411
R55365	unknown	-0.355
R76890	unknown	0.258
T59422	unknown	0.367
T59442	unknown	-0.748
T65857	unknown	-0.878
T69814	unknown	0.386
T84782	unknown	-0.773
T90980	unknown	0.709
T95643	unknown	-0.311
T96935	unknown	0.408
W02016	unknown	0.541
W19228	unknown	0.564
W31566	unknown	0.337
W37778	unknown	0.303
W86452	unknown	0.336
W93120	unknown	0.502