

Supplement Table 1. Genes differentially expressed between c1 and c5 (top 30)

c1>c5			c1<c5		
Symbol	Locus	Ratio	Symbol	Locus	ratio
RIN2	20p11.22	5.39	SPRY1	4q28.1	5.67
PDZK1IP1	1p33	4.90	JAG1	20p12.2	5.27
BCHE	3q26.1	4.84	MAP2	2q34	4.68
DUSP4	8p12	4.80	COLEC12	18p11.32	4.26
TM4SF1	3q25.1	4.79	SP8	7p21.1	3.91
KCNH8	3p24.3	4.77	CA13	8q21.2	3.81
RLN2	9p24.1	4.67	LIN7A	12q21.31	3.77
ASPH	8q12.3	4.57	CNTN3	3p12.3	3.60
OR51E1	11p15.4	4.29	C15orf21	<b><u>15q21.1</u></b>	3.38
CCL8	17q12	4.10	ADAMTSL3	<b><u>15q25.2</u></b>	3.30
NAV3	12q21.2	4.00	CBLN2	18q22.3	3.29
MMP16	8q21.3	3.89	TSPY1/4 /8	Yp11.2	3.23
GPD2	2q24.1	3.74	CYP11A1	<b><u>15q24.1</u></b>	3.19
RGS2	<b><u>1q31.2</u></b>	3.68	ODAM	4q13.3	3.18
AQP3	9p13.3	3.66	IGFBP3	7p12.3	3.17
TCEA3	1p36.12	3.38	FRY	13q13.1	3.12
BMPR1B	4q22.3	3.31	WLS	1p31.3	3.08
NBPF10	<b><u>1q21.2</u></b>	3.27	TMEM45A	3q12.2	3.02
WSB1	17q11.1	3.12	SCIN	7p21.3	2.98
UGT2B17	4q13.2	3.11	GPER	7p22.3	2.95
PLXDC2	10p12.31	3.02	DHRS2	14q11.2	2.92
FAM5C	<b><u>1q31.1</u></b>	2.95	ALB	4q13.3	2.83
DIO1	1p32.3	2.95	EPHX4	1p22.1	2.82
RALGAPA2	20p11.23	2.92	SH3GL3	<b><u>15q25.2</u></b>	2.79
PSMD5	9q33.2	2.90	MAPK13	6p21.31	2.74
MAGEC2	Xq27.2	2.89	ID1	20q11.21	2.73
TIMP2	17q25.3	2.87	RBPMS2	<b><u>15q22.31</u></b>	2.67
CCL2	17q12	2.83	TWIST1	7p21.1	2.59
EGF	4q25	2.82	CD302	2q24.2	2.55
PTPN20A/B	10q11.22	2.82	ZBBX	3q26.1	2.48

Genes on 1q and 15q are underlined