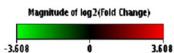
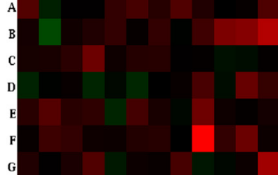
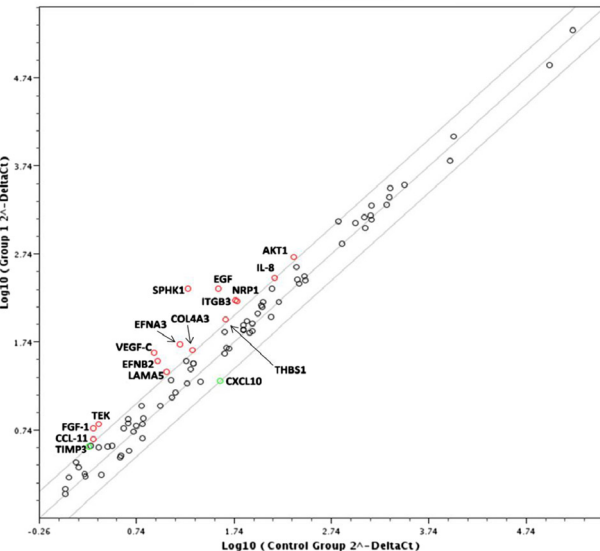


01 02 03 04 05 06 07 08 09 10 11 12



Layout	01	02	03	04	05	06	07	08	09	10	11	12	
A	AKT1 2.24	ANGPT1 -1.34	ANGPT2 1.02	ANGPTL3 1.03	ANPTL4 1.64	ANPEP 1.97	BAI1 1.45	CCL11 2.18	CCL2 1.38	CDH5 -1.00	COL18A1 1.06	COL4A3 2.15	
B	CXCL1 1.22	CXCL10 -2.01	CXCL3 1.17	CXCL5 1.38	CXCL6 1.64	CXCL9 1.06	TYMP 1.64	S1PR1 -1.01	EFNA1 1.85	EFNA3 3.39	EFNB2 3.69	EGF 5.86	
C	ENG 1.23	EPHB4 1.27	EREG 1.50	FGF1 2.87	FGF2 1.14	FGFR3 1.43	FIGF 1.46	FLT1 1.02	HAND2 1.03	HGF -1.17	HIF1A -1.12	HPSE 1.05	
D	ID1 -1.39	ID3 -1.02	IFNA1 1.08	IFNB1 -1.42	IFNG -1.08	IGF1 -1.45	IL3B 1.01	IL6 1.08	IL8 2.03	ITGAV -1.13	ITGB3 2.72	JAG1 1.65	
E	KDR 1.48	LAMAS 2.28	LECT1 1.48	LEP 1.56	MDK -1.42	MMP2 1.96	MMP9 1.27	MMP9 -1.06	NOTCH4 2.92	NRP1 12.20	NRP2 1.14	PDGFA 1.03	PECAM1 1.22
F	PF4 1.08	PGF 1.82	PLAU 1.63	PLG 1.16	PLXDC1 1.11	PROK2 1.41	PTGS1 1.44	SERPINF1 -1.00	SPHK1 12.20	STAB1 1.62	TEK 2.83	TGFA 1.13	
G	TGFB1 1.38	TGFB2 1.01	TGFB1 1.29	THBS1 2.21	THBS2 -1.26	TIMP1 1.12	TIMP2 1.08	TIMP3 2.00	TNF -1.24	TNFAIP2 -1.05	VEGFA 1.13	VEGFC 4.94	

Group 1 vs. Control Group



Gene symbol	Description	Fold-regulation
GENES UP-REGULATED		
SPHK1	Sphingosine kinase 1	12.196
EGF	Epidermal growth factor	5.8563
VEGFC	Vascular Endothelial Growth Factor-C	4.9417
NRP1	Neuropilin 1	2.9214
FGF1	Fibroblast growth factor	2.8712
LAMAS	Laminin, alpha 5	2.2842
COL4A3	Collagen, type IV, alpha 3 (Goodpasture antigen)	2.1485
IL8	Interleukin-8	2.035
EFNB2	Ephrin-B2	3.6893
EFNA3	Ephrin-A3	3.3909
TEK	TEK tyrosine kinase, endothelial	2.835
ITGB3	Integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)	2.7195
AKT1	V-akt murine thymoma viral oncogene homolog 1	2.2372
THBS1	Thrombospondin 1	2.2064
CCL11	Chemokine (C-C motif) ligand 11	2.1785
TIMP3	TIMP metalloproteinase inhibitor 3	2
GENES DOWN-REGULATED		
CXCL10	Chemokine (C-X-C motif) ligand 10	-2.0139