

Table S3

b. Genes downregulated by VEGF-A+DDR together in human CMVEC cultures

<i>Gene Symbol</i>	<i>Name</i>	<i>PMID</i>	<i>Angiogenesis</i>	<i>Vegf</i>	<i>ncRNA</i>	<i>Miqr.</i>	<i>Prolif.</i>	<i>IFN</i>	<i>Perm.</i>	<i>Diffn.</i>
ZNF295-AS1	Zinc finger 295 - antisense RNA	None								
ZNF467	Zinc finger protein 467	PMID: 21123171								X
RNU6ATAC	RNA, U6atac small nuclear	PMID: 11971955			X					
TLL1	Tolloid-like 1	PMID: 15591058	X							
LEPREL1	Leprecan-like 1	PMID: 24172257								
GDF3	Growth differentiation factor-3	PMID: 17610369					X			X
NRG1	Neuregulin-1	PMID: 18728681	X							
TRIM78P	Tripartite motif 78, pseudogene	None								
KLRG1	Killer cell lectin receptor G, member 1	PMID: 20201037								
OAS1	2'-5'-oligoadenylate synthetase 1	PMID: 23558133						X		
USP18	Ubiquitin-specific protease 18	PMID: 24533902						X		
RNU4-2	RNA, U4 small nuclear 2	None			X					
KAT2B	Lysine acetyltransferase	PMID: 19710011								
GPER1	G protein coupled estrogen receptor	PMID: 21273787					X			
PAFAH1B3	PAF acetylhydrolase 1B3	PMID: 10634803	X	X						
SNORD3A	RNA, C/D box, small nucleolar 3A	None			X					
PTX3	Pentraxin 3	PMID: 20506099	X							
SP110	Sp110 nuclear body protein	PMID: 16648851								
SLC25A28	Mitoferrin 2	PMID: 19075006								
HIST1H2BK	Histone H2B member K	PMID: 1768865								
HERC5	HERC5	PMID: 24257616						X		
IFIH1	Interferon-induced with helicase C 1	PMID: 20121398						X		
IRF7	Interferon regulatory factor 7	PMID: 23401273	X					X		
NNAT	Neuronatin	PMID: 22624064								
EPST11	Epithelial-stromal interaction 1	PMID: 11991720								
RNU1-28P	RNA, U1 small nuclear 28 pseudogene	None			X					
GPR126	G protein coupled receptor 26	PMID: 15225624				X				
RGS4	Regulator of G protein signaling 4	PMID: 15548600	X	X						
SNORD3D	RNA, C/D box, small nucleolar 3D	None								
NFKBIA	I kappa B alpha	PMID: 19074890	X							
ITPR1P	DANGER	PMID: 20053891								
ARL4A	ADP-ribosylation factor-like 4A	PMID: 21930703								
CDH11	Cadherin 11	PMID: 23951053				X				
HTR2B	Serotonin receptor 2B	PMID: 19308295	X							
AKR1C3	Aldo-keto reductase 1, C3	PMID: 21134280	X							
IFI44	Interferon-induced 44	PMID: 19478064					X			
IFI44L	IFI44-like	PMID: 19478064					X			
RNVU1-7	RNA, variant U1 small nuclear 7	None			X					
RNU1-3	RNA, U1 small nuclear 3	None			X					
NDRG4	NDRG4	PMID: 22869042	X							
SULF1	Sulfatase 1	PMID: 16778174	X							
RNVU1-18	RNA, variant U1 small nuclear 18	None			X					
RNU1-1	RNA, U1 small nuclear 1	PMID: 8527382			X					
RN7SK	RNA, 7SK	PMID: 22102912			X					
IER3	Immediate early response 3	PMID: 11782530								
CCL2	Mcp-1	PMID: 10891427	X							
STAT1	Stat1	PMID: 16585190	X						X	
DCBLD2	ESDN	PMID: 11447234		X						
IFI6	Interferon alpha-inducible 6	PMID: 17823654							X	
TFPI	Tissue factor pathway inhibitor	PMID: 24620349								
RNU6-1	RNA, U6 small nuclear 1	PMID: 24435880			X					
RNU6-15P	RNA, U6 small nuclear 15, pseudogene	None			X					
MX1	MX dynamin-like GTPase 1	PMID: 23558133						X		
ISG15	ISG15 ubiquitin-like modifier	PMID: 22100648						X		
CLDN11	Claudin-11	PMID: 19622796								

Most strongly downregulated

Gene number (up- and downregulated) 36 20 11 10 10 9 7 7
 % Total 30.25% 16.8% 9.24% 8.4% 8.4% 6.72% 5.9% 5.9%