

# Table S3

## a. Genes upregulated by VEGF-A+DDR together in human CMVEC cultures

<i>Gene Symbol</i>	<i>Name</i>	<i>PMID</i>	<i>Angiogenesis</i>	<i>Veaf</i>	<i>ncRNA</i>	<i>Migr.</i>	<i>Prolif.</i>	<i>IFN</i>	<i>Perm.</i>	<i>Diffn.</i>
RGCC	Regulator of cell cycle	PMID: 11687586					X			
ESM1	Endocan	PMID: 23243026	X	X						
CD93	CD93	PMID: 22786655	X	X		X				
LXN	Latexin	PMID: 17220891					X			X
PODXL	Podocalyxin-like	PMID: 18456258				X				
APLN	Apelin	PMID: 16750822	X							
AKAP12	SSeCKS	PMID: 12808449							X	
TNFSF4	Gp34	PMID: 10914497					X			
ETS1	Ets-1 transcription factor	PMID: 11795259	X							
ANGPT2	Angiopoietin-2	PMID: 16056241							X	
KLF6	Kruppel-like factor 6	PMID: 11752579					X			X
MGST2	microsomal glutathione S-transferase 2	PMID: 11322876								
C1orf54	C1orf54	None				X				
GPR116	Gpr116	PMID: 24008316	X							
C10orf10	DEPP	PMID: 15977181							X	
SLC12A2	Nkcc1	PMID: 20035575								
PNP	Purine nucleoside phosphorylase	PMID: 8987089								
ITGA6	Integrin alpha 6	PMID: 20570893	X	X						
TCF4	Tcf4	PMID: 20231428	X						X	
HECW2	Nedl2	PMID: 24163370					X			
PGF	PIGF, placental growth factor	PMID: 1924389	X	X						
SULF2	Sulfatase 2	PMID: 16417632		X						
CTNNB1	Beta catenin	PMID: 24590145							X	
NEDD9	Neural precursor, dev. downregulated-9	PMID: 20498643				X				
MMP10	Matrix metalloproteinase 10	PMID: 20432469	X	X						
NT5E	CD73	PMID: 9015312							X	
CD55	Decay accelerating factor	PMID: 1688581								
JAK1	Janus kinase 1	PMID: 15153787		X						
PDE4B	Phosphodiesterase 4B	PMID: 25019986							X	
RASGRP3	Ras guanine-releasing protein 3	PMID: 15572660	X							
NDRG1	N-myc downstream regulated	PMID: 16778198	X							X
PARPBP	PARP-1 binding protein	PMID 20931645								
PLXNA2	Plexin A2	PMID: 15739224		X						
CXCR4	Chemokine receptor CXCR4	PMID: 9634237	X	X						
FAM89A	FAM89A	None								
HLX	Homeobox TF HLX1	PMID: 21224470	X	X						
KIT	c-Kit	PMID: 14515175	X	X						
SORBS2	ArgBP2	PMID: 15659545								
VASH1	Vasohibin1	PMID: 23100270	X	X						
CASC15	Cancer susceptibility candidate 15	PMID: 18463370								
SYNM	Synemin	PMID: 19124017				X				
TSPAN18	Tetraspanin 18	PMID: 24582980								
PLCB1	Phospholipase C beta 1	PMID: 11741951	X	X						
PDGFD	Platelet derived growth factor -d	PMID: 19028801								X
RNF19A	Ring finger 19 / Dorfin	PMID: 11237715								
PCDH17	Protocadherin 17	PMID: 23684785								
TMEM154	Transmembrane protein 154	None								
LRRRC8B	Leucine-rich repeat-containing 8B	PMID: 24782309								
DUSP5	Dual-specificity phosphatase-5	PMID: 19741200					X			
UACA	Nucling	PMID: 14961764								
AZM	Alpha 2 macroglobulin	PMID: 10862607		X						
GMFG	Glia maturation factor	PMID: 16873721	X							
TBC1D8	TBC1 domain, D8	PMID: 21347333								
SPRY1	Sprouty 1	PMID: 14515177	X							
SPRY4	Sprouty 4	PMID: 20835243	X	X						
LYVE1	Lymphatic endothelial hyaluronan R1	PMID: 12554094					X			
NID2	Nidogen 2	PMID: 12215539	X							
PRDM1	BLIMP1	PMID: 24477914								X
MEF2C	Myocyte enhancer factor 2c	PMID: 24988463	X							
PALD1	Paladin 1	PMID: 22354871	X							
MYCN	N-Myc	PMID: 10969812	X							
PCDH19	Protocadherin 19	PMID: 22704920								
RASD1	Dexamethasone-induced RAS	PMID: 11086993								
PCDH12	VE-cadherin 2	PMID: 9651350							X	

Most strongly upregulated