

**Supplementary Table 2; List of angiogenesis related genes.**

Gene name												
	Kit	ANGIOGENESIS	REGULATION_OF_ANGIOGENESIS	POSITIVE_REGULATION_OF_ANGIOGENESIS	NEGATIVE_REGULATION_OF_ANGIOGENESIS	HALLMARK_ANGIOGENESIS	GO_SPROUTING_ANGIOGENESIS	GO_POSITIVE_REGULATION_OF_SPROUTING_ANGIOGENESIS	GO_NEGATIVE_REGULATION_OF_SPROUTING_ANGIOGENESIS	GO_REGULATION_OF_CELL_MIGRATION_INVOLVED_IN_SPROUTING_ANGIOGENESIS	HELLEBREKERS_SILENCED_DURING_TUMOR_ANGIOGENESIS	ANGIOGENESIS (CST)
# of genes	55	48	26	10	13	36	189	66	80	85	77	81
<i>ABI3BP</i>											1	
<i>ABL1</i>							1	1		1		
<i>ACSF2</i>											1	
<i>ACVRL1</i>		1					1					
<i>ADA</i>											1	
<i>ADAMTS1</i>	1											1
<i>ADAMTS9</i>							1		1			
<i>ADM</i>											1	
<i>ADTRP</i>							1					
<i>AGGF1</i>		1	1	1								
<i>AGTR1</i>							1	1				
<i>AKT1</i>							1					
<i>AKT3</i>							1	1		1		
<i>AMOT</i>		1	1	1								
<i>ANG</i>	1	1										
<i>ANGPT1</i>	1						1					

ANGPT2	1											1
ANGPTL3		1	1	1								
ANGPTL4		1	1	1								
ANXA1							1	1		1		
APLNR							1	1				
APOE												1
APOH						1						
APP						1						
AREG	1											
ARNT												1
ARTN	1											
ASAH1												1
ASS1												1
BDNF												1
BMP4							1					
BMPER							1	1				
BTG1		1	1	1								
C1GALT1		1										
CA9												1
CADM1												1
CANX		1										
CARD10							1		1	1		
CCBE1							1					
CCL11												1
CCL2	1											1
CCL3	1											
CCND2							1					
CDH13		1					1					
CDH2												1
CDH5												1
CDKN1A												1
CEACAM1							1					
CHRNA7		1	1	1								
CIB1							1	1		1		
CLEC14A							1					
CLIP3												1
CLU												1
CNN1												1
COL18A1	1											
COL2A1												1
COL3A1							1					
COL4A2		1	1	1								1
COL4A3		1	1	1								
COL5A2							1					
COL6A1												1
CPE												1
CREB3L1							1		1			1





INHBA	1											1
ITGA3												1
ITGA5						1	1					1
ITGA6												1
ITGAV					1							1
ITGB1						1						1
ITGB1BP1						1		1	1			
ITGB3												1
ITGB5												1
ITM2B												1
JAG1					1							1
JAG2					1							
JAK1						1	1					
JCAD						1	1			1		
JMJD6						1						
JMJD8						1	1					
KCNJ8					1							
KDR						1	1			1		1
KLF2						1			1			
KLF4						1	1		1	1		
LEF1						1						
LEP	1											
LOXL2						1						
LPL					1							
LRP1												1
LRPAP1					1							
LUM					1							
MAP2K5						1			1	1		
MAP3K3						1	1			1		
MEFV												1
MEOX2						1			1	1		
MIA3						1						
MIR101-1						1	1			1		
MIR101-2						1	1			1		
MIR10A						1	1			1		
MIR10B						1	1			1		
MIR1-1						1	1					
MIR1-2						1	1					
MIR125A						1	1					
MIR126						1	1			1		
MIR132						1	1			1		
MIR138-1						1			1			
MIR138-2						1			1			
MIR146A						1	1		1	1		
MIR150						1	1			1		
MIR155						1	1		1	1		
MIR15A						1			1	1		

MIR15B							1		1			
MIR16-1							1		1	1		
MIR16-2							1		1	1		
MIR17							1		1			
MIR188							1		1	1		
MIR18A							1		1			
MIR193A							1		1	1		
MIR196A1							1		1	1		
MIR196A2							1		1	1		
MIR19A							1		1			
MIR19B1							1		1	1		
MIR19B2							1		1	1		
MIR206							1		1	1		
MIR20A							1		1	1		
MIR22							1		1	1		
MIR221							1		1	1		
MIR222							1		1			
MIR2355							1		1	1		
MIR23A							1	1		1		
MIR23B							1	1	1	1		
MIR24-1							1		1			
MIR24-2							1		1			
MIR26A1							1		1	1		
MIR26A2							1		1	1		
MIR27A							1	1		1		
MIR27B							1	1		1		
MIR296							1	1		1		
MIR29C							1		1	1		
MIR30B							1	1				
MIR30C1							1		1			
MIR30C2							1		1			
MIR30E							1		1			
MIR31							1	1		1		
MIR320A							1		1	1		
MIR34A							1		1			
MIR34B							1		1			
MIR34C							1		1			
MIR375							1		1			
MIR377							1		1			
MIR410							1		1	1		
MIR494							1		1	1		
MIR495							1		1	1		
MIR503							1	1	1	1		
MIR7-2							1		1			
MIR7-3							1		1			
MIR92A1							1	1	1			
MIR92A2							1	1	1			



PDGFRB												1
PDLIM3												1
PDPK1							1	1				
PDPN												1
PECAM1												1
PF4	1	1	1	1	1							
PGF	1						1					
PGLYRP1						1						
PIK3C2A							1	1		1		
PIK3R3							1					
PKM							1	1				
PLAU	1											
PLG	1	1	1	1								
PLK2							1	1		1		
PLN												1
PML		1	1	1								
POSTN						1						
PPP1R16B							1	1				
PRG2						1						
PRL	1											
PROK1	1											
PROK2		1										
PROX1												1
PSPN	1											
PTGS2							1	1		1		1
PTK2						1						
PTK2B							1					
PTPN14												1
PTX3	1											
QSOX1												1
RAMP2							1					
RECK							1					1
RELB												1
REN												1
RHOA							1		1	1		
RHOB		1	1	1								
RHOJ							1	1		1		
RNH1		1	1									
ROB01							1					
ROB04		1										
RSPO3							1					
RUNX1		1	1	1								
S100A1							1	1				
S100A4							1					
SCG2		1										
SDC4												1
SEMA3E							1					





