

Supplementary Table 1 SiRNA primer sequence

Product number	product name	Target sequence
SiG141008151316	Si-M-VB-001	GGTGCCATGGATAGACGTT
SiG141008151334	Si-M-VB-002	GGCAACACCAAGTCCGAAT
SiG141008151347	Si-M-VB-003	GAACACAGCCAATGTGAAT

Supplementary Table 2 Proportion of transfection reagent and siRNA configuration

Reagent	volume (ul)
jetPRIME buffer	200
jetPRIME	4
siRNA	5

Supplementary Table 3 RT- PCR primer sequence

primer	sequence
VEGF-B F	5'-AGCCACCAGAAGAAAGTGGT-3'
VEGF-B R	5'-GCTGGGCACTAGTTGTTTGA-3'

Supplementary Table 4 The PCR program

Stape	Temperature (°C)	Time	Cycles
Initial denaturation	95	30s	
Denaturation	95	5s	×40
Annealing	60	34s	
Extension	95	15s	
Additional extension	60	1min	
	95	15s	

Supplementary Table 5 Information about the ANTIBODIES in western-blot

Antibody	Working concentration	Source	Company
VEGFR1	1:1000	Rabbit	Affinity
NRP1	1:1000	Rabbit	Affinity
PI3K-p85	1:1000	Rabbit	Cell Signaling
PI3K-p110γ	1:1000	Rabbit	Cell Signaling
AKT	1:1000	Rabbit	Affinity
P-AKT	1:3000	Rabbit	Affinity
PLCγ1	1:1000	Rabbit	Cell Signaling
P-PLCγ1	1:1000	Rabbit	Cell Signaling
β-actin	1:1000	Mouse	Affinity