

**Table SI.** Primer sequences for reverse transcription-quantitative PCR, and sequences of transfected siRNA, plasmids and mimics.

| A, Human primers             |                                    |
|------------------------------|------------------------------------|
| Name                         | Sequences (5'-3')                  |
| GAPDH                        | Sense: CCAACCGCGAGAAGATGA          |
|                              | Antisense: CCAGAGGCGTACAGGGATAG    |
| VEGFA                        | Sense: CATGAACTTTCTGCTGTCTTGGG     |
|                              | Antisense: CATCCATGAACTTCACCACTTCG |
| VEGFB                        | Sense: CACCAAGTCCGGATGCAGAT        |
|                              | Antisense: GGAGTGGGATGGGTGATGTC    |
| VEGFC                        | Sense: AAAGATCTGGAGGAGCAGTTACG     |
|                              | Antisense: CCTCCTTTCCTTAGCTGACACTT |
| VEGFD                        | Sense: GGGGAAGAGTACCAACACATTCT     |
|                              | Antisense: CAGGGATCTGGATGGATCTTCTG |
| LPL                          | Sense: AAGCTGCCCCACTTCTAGCTG       |
|                              | Antisense: TCCAGTTGATAAACCGGGCC    |
| HMGR                         | Sense: GTAATTGTACAAAACATTAATCCAGCA |
|                              | Antisense: ACATCTAATGCTTCAAGTGTGCT |
| $\alpha$ -SMA                | Sense: ACTGCCTTGGTGTGTGACAA        |
|                              | Antisense: TCCCAGTTGGTGATGATGCC    |
| COL1A1                       | Sense: GTGAAGCTGGTCCCCAAGG         |
|                              | Antisense: CAGCACTAGCAGGGCCAG      |
| Fibronectin                  | Sense: TGGAGGAAGCCGAGGTTT          |
|                              | Antisense: CAGCGGTTTGCGATGGTA      |
| VEGFR1                       | Sense: GGCTGAGCATAACTAAATCTGCC     |
|                              | Antisense: AGTGATGTTAGGTGACGTAACCC |
| VEGFR2                       | Sense: TGTGGTCTCTCTGGTTGTGTATG     |
|                              | Antisense: GAGGAATGGCATAGACCGTACAT |
| B, Rat primers               |                                    |
| Name                         | Sequences (5'-3')                  |
| GAPDH                        | Sense: GCATCTTCTTGTGCAGTGCC        |
|                              | Antisense: TACGGCCAAATCCGTTTACA    |
| $\alpha$ -SMA                | Sense: GAGGGATCCTGACCCTGAA         |
|                              | Antisense: CCACGCGAAGCTCGTTATAG    |
| COL1A1                       | Sense: TGCTGCCTTTTCTGTTCCTT        |
|                              | Antisense: AAGGTGCTGGGTAGGGAAGT    |
| C, Human siRNAs and plasmids |                                    |
|                              |                                    |
| Name                         | Sequences (5'-3')                  |
| miR-29b-3p mimic             | UUGUGACUAAAGUUUACCACGAU            |

|                                         |                                            |
|-----------------------------------------|--------------------------------------------|
| miR-29b-3p<br>mimic NC                  | UUGUAUGAAAAGUUUACCACGAU                    |
| miR-29b-3p<br>inhibitor                 | ATCGTGGTAAACTTTAGTCACAA                    |
| miR-29b-3p<br>inhibitor NC              | ATCGTGGTAAACTTTTCATACAA                    |
| VEGFR1<br>siRNA                         | Sense: GCAACAGUCAAUGGGCAUUTT               |
|                                         | Antisense: AAUGCCCAUUGACUGUUGCTT           |
| VEGFR1 siRNA<br>NC                      | Sense: GAGAGGAAUGAAUAGUUAATT               |
|                                         | Antisense: UAACUAUUCAUCCUCUCTT             |
| VEGFR2 siRNA                            | Sense: GCCACCAUGUUCUCUAAUATT               |
|                                         | Antisense: UAUUAGAGAACAUGGUGGCTT           |
| VEGFR2 siRNA<br>NC                      | Sense: GUAGGACUCGCAGUUCGGUTT               |
|                                         | Antisense: ACCGAACUGCGAGUCCUACTT           |
| VEGFA siRNA                             | Sense: UGCUGGAAUUUGAUUAUUCAUUGATT          |
|                                         | Antisense: UCAAUGAAUAUCAAUUCAGCATT         |
| VEGFA siRNA<br>NC                       | Sense: UAUACUGGACGCUGCAGGGCAUATT           |
|                                         | Antisense: UAUGCCCUGCAGCGUCCAGUAUATT       |
| CMV-14-HSP60                            | Sense: GGGGAAGCTTGCCACCATGCTTCGGTTACC      |
|                                         | Antisense: GGGGATCCTTAGAACATGCCACCTCCCATAC |
| D, Adeno-associated virus primers       |                                            |
| AAV8-GP-3-mo-<br>miR-29b-3p<br>mimic    | TAGCACCATTTGAAATCAGTGTT                    |
| AAV8-GP-3-mo-<br>miR-29b-3p<br>mimic NC | ACTACCGTTGTTATAGGTG                        |

HSP60, heat shock protein 60; LPL, lipoprotein lipase; miR, microRNA; siRNA, small interfering RNA.