

## Supplementary Materials

### Additional file 1 Table S1 Sequences of siRNA

siRNA	Target sequence
Si-Ctrl	5'-UUCUCCGAACGUGUCACGUTT-3' 5'-ACGUGACACGUUCGGAGAATT-3'
Si-SALL4-B	5'-GUCUCUGGAUGCCUUGAAATT-3' 5'-UUUCAAGGCAUCCAGAGACTT-3'

### Additional file 1 Table S2 Sequences of PCR primers for target gene detection

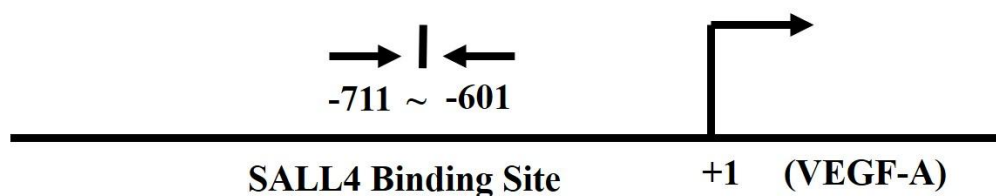
Gene	Sequence	Size (bp)	T <sub>M</sub> (°C)
$\beta$ -actin	F: 5'-CACGAAACTACCTTCAACTCC-3' R: 5'-CATACTCCTGCTTGCTGATC-3'	265	60
SALL4-B	F: 5'-TCGATGGCCAACTTCCTTC-3' R: 5'-GAGCGGACTCACACTGGAGA-3'	142	60
VEGF-A	F: 5'-AAAGGGTGGAGGTGACTG-3' R: 5'-GACATAAATGACCGAGGC-3'	134	60
VEGF-B	F: 5'-AGTGCTGTGAAGCCAGACA-3' R: 5'-GGAGTGGGATGGGTGATG-3'	119	60
VEGF-C	F: 5'-ATGTGTGTCCGTCTACAGATGT-3' R: 5'-GGAAGTGTGATTGGCAAACTGA-3'	160	60

**Additional file 1 Table S3** Sequences of ChIP-PCR primers and EMSA probes for target gene detection

<b>Gene</b>	<b>Sequence</b>	<b>Size (bp)</b>	<b>T<sub>M</sub>(°C)</b>
<b>ChIP-PCR primers</b>			
<b>VEGF-A</b>	<b>F: 5'- GAAGCAACTCCAGTCCCAAATA-3'</b> <b>R: 5'- GCTCTGGCTAAAGAGGGAATG-3'</b>	<b>111</b>	<b>60</b>
<b>VEGF-B</b>	<b>F: 5'-AAGGGTTAGACTGAGGTTCTTA-3'</b> <b>R: 5'-CCTGCAATGGGTCACAATTAAC-3'</b>	<b>133</b>	<b>60</b>
<b>VEGF-C</b>	<b>F: 5'- AACAGCCACACAGAATGGAAGG-3'</b> <b>R: 5'- TTACAGAGGACCACGCTAAGGG-3'</b>	<b>229</b>	<b>60</b>
<b>EMSA probes</b>			
<b>VEGF-A</b>	<b>5'- AGCTGTTTGGGAGGTCAGAAATAGGG -3'</b> <b>5'- CCCTATTTCTGACCTCCCAAACAGCT -3'</b>	<b>26</b>	<b>68</b>
<b>VEGF-B</b>	<b>5'- ACTTCAGGGACAGCAGGAATTGGA -3'</b> <b>5'- TCCAATTCCTGCTGTCCCTGAAGT -3'</b>	<b>24</b>	<b>68</b>
<b>VEGF-C</b>	<b>5'-ACCAGATAAGAAAGTCTTCTTCCGG T-3'</b> <b>5'-A CCGGAAGAAGAGACTTTCTTATCTGGT-3</b>	<b>28</b>	<b>67</b>

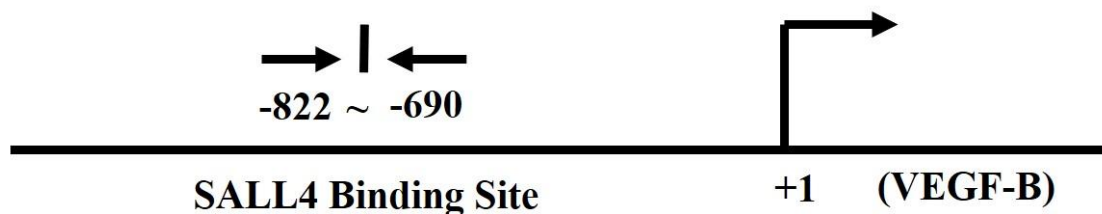
**Additional file 2** Sequences of the putative SALL4-binding site.

A. NC 000006.12:43768209-43770308 Homo sapiens chromosome 6, GRCh38.p13 (VEGF-A)



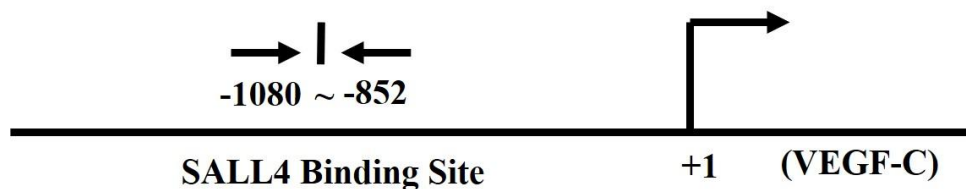
(-711)-GAAGCAACTCCAGTCCCAAATATGTAGCTGTTTGGGAGGTCAGAAATAGGGGGTCCAGGAG  
CAAAC TCCCCCACCCTTTCCAAAGCCATTCCCTCTTTAGCCAGAGC (-601)

B. NC 000011.10:64232584-64234683 Homo sapiens chromosome 11, GRCh38.p13 (VEGF-B)



(-822)- AAGGGTTAGACTGAGGTTCCCTAACCCGTGTGTAAGGGTAAAAAGCTGTGAGGCCCTAGA  
GTGGGGTGGAAAGGGGGCAGGACTTCAGGGACAGCAGGAATTGGATTCCAGGGTTAATT  
GTGACCCATTGCAGG (-690)

C. NC 000004.12:c176794922-176792823 Homo sapiens chromosome 4, GRCh38.p13 (VEGF-C)



(-1080)-AACAGCCACACAGAATGGAAGGTTCCCTGTCCTTTGAGATATTTAAGCCTTCAAGTAA  
TTATGGGTGAGGAGTTTCAAATCTAGAGTTGAACCAGATAAGAAAGTCTCTTCTTCCGG  
TAAGATATTATGGACCTATAACATCTGTGTACTTAAAAGTAGATTGGGAGTGAAAGGCA  
GACTTTTGATGTTCTGTACACTGTTGAAACCCCTTAGCGTGGTCCTCTGTAA (-852)