

Table S1 Sequences of oligonucleotides**Primers used for the preparation of VEGFR1 plasmids**

GST-VEGFR1#1;	Forward: 5'-CGGAATTCCTCCAGATGAAGTTCCTTTGGATGAG-3' Reverse: 5'-CCGCTCGAGAATCAGATCTTCCATAGTGATGGGCTC-3'
GST-VEGFR1#2;	Forward: 5'-CGGAATTCGATTTCTTACAGTTTCAAGTGGCCAG-3' Reverse: 5'-CCGCTCGAGAGCTGAAATACTTTCTTGAAGAAGTC-3'
GST-VEGFR1#3 ;	Forward: 5'-CGGAATTCAGTCCGAAGTTTAATTCAGGAAGCTCT-3' Reverse: 5'-CCGCTCGAGCTAGATGGGTGGGTGGAGTACAGG-3'
GST-VEGFR1N1	Forward: 5'-CGGAATTCCTCCAGATGAAGTTCCTTTGGATGAG-3' Reverse: 5'-CCGCTCGAGCACTTTTCCAAAAGCCCCCTCTTCCAAG-3'
GST-VEGFR1N2	Forward: 5'-CGGAATTCGGTTCAAGCATCAGCATTTGGCATTAAAG-3' Reverse: 5'-CCGCTCGAGCTCAGTCATCAGAGCTTTGTACTCGC-3'
GST-VEGFR1N3	Forward: 5'-CGGAATTCGCTAAAAATCTTGACCCACATTGGCCAC-3' Reverse: 5'-CCGCTCGAGGTAGTTGGAGAGATTTCATATTTGCAG-3'
GST-VEGFR1N4	Forward: 5'-CGGAATTCGGTTCAAGCATCAGCATTTGGCATTAAAG-3' Reverse: 5'-CCGCTCGAGCTTGGTGCAGGCTCCCAGCAGG-3'
GST-VEGFR1N5	Forward: 5'-CGGAATTCGCTAAAAATCTTGACCCACATTGGCCAC-3' Reverse: 5'-CCGCTCGAGCTTGGTGCAGGCTCCCAGCAGG-3'
GST-VEGFR1N6	Forward: 5'-CGGAATTCGGTTCAAGCATCAGCATTTGGCATTAAAG-3' Reverse: 5'-CCGCTCGAGGTAGTTGGAGAGATTTCATATTTGCAG-3'
GST-VEGFR1N7	Forward: 5'-CGGAATTCCTCCAGATGAAGTTCCTTTGGATGAG-3' Reverse: 5'-CCGCTCGAGCTCAGTCATCAGAGCTTTGTACTCGC-3'
GST-VEGFR1N8	Forward: 5'-CGGAATTCGGTTCAAGCATCAGCATTTGGCATTAAAG-3' Reverse: 5'-CCGCTCGAGAATCAGATCTTCCATAGTGATGGGCTC-3'
GST-VEGFR1K819A	Forward: 5'-CTCCCTTATGATGCCAGCGCGTGGGAGTTTGCCCGGGA(
GST-VEGFR1K819E	Forward: 5'-CTCCCTTATGATGCCAGCGAGTGGGAGTTTGCCCGGGA(
GST-VEGFR1K819F	Forward: 5'-CTCCCTTATGATGCCAGCAGGTGGGAGTTTGCCCGGGA(
GST-VEGFR1K831A	Forward: 5'-GACTTAAACTGGGCGCATCACTTGAAGAGGGGCTTTTG
GST-VEGFR1K831E	Forward: 5'-GACTTAAACTGGGCGAATCACTTGAAGAGGGGCTTTTG
GST-VEGFR1K831F	Forward: 5'-GACTTAAACTGGGCAGATCACTTGAAGAGGGGCTTTTG
GST-VEGFR2#1	Forward: 5'-TTGGATCCTGAACTCCCATTTGGATGAACATTGTGAAC-3' Reverse: 5'-CCGCTCGAGGTCAGGAAGTCCTTATACAGATCTTCAGG-3'
GST-VEGFR2#2	Forward: 5'-CGGAATTCCTGACCTTGGAGCATCTCATCTGTTAC-3' Reverse: 5'-CCGCTCGAGAGGAAACAGGTGAGGTAGGCAGAGAGAG-3'
GST-VEGFR2#3	Forward: 5'-CGGAATTCACCTGTTTCTGTATGGAGGAGGAGGAAG-3' Reverse: 5'-CCGCTCGAGAGGAGGAGAGCTCAGTGTGGTCCCC-3'
HA-VEGFR1full	Forward: 5'-GCGAATTCATGGTCAGCTACTGGGACACCGGGG-3' Reverse: 5'-CCGCTCGAGGATGGGTGGGTGGAGTACAGG-3'
HA-VEGFR1	Forward: 5'-CGGAATTCACCCAGATGAAGTTCCTTTGGATGAG-3' Reverse: 5'-GGGGTACCCTAGATGGGTGGGTGGAGTACAGG-3'
3xFlag-VEGFR1#1	Forward: 5'-CGGAATTCCTCCAGATGAAGTTCCTTTGGATGAG-3' Reverse: 5'-GGGGTACCTCAAATCAGATCTTCCATAGTGATGGGCTC-3'
3xFlag-VEGFR1#2	Forward: 5'-CGGAATTCGATTTCTTACAGTTTCAAGTGGCCAG-3' Reverse: 5'-GGGGTACCTCAAGCTGAAATACTTTCTTGAAGAAGTC-3'
3xFlag-VEGFR1#3	Forward: 5'-CGGAATTCATACCCAGGAGTACAAATGGATGGATGAGG-3' Reverse: 5'-GGGGTACCCTAGATGGGTGGGTGGAGTACAGG-3'

Oligonucleotides used for the preparation of plasmids expressing siRNA

SMYD3-siRNA	Forward: 5'-AACATCTACCAGCTGAAGGTGTTCAAGAGACACCTTCAG(
EGFP-siRNA	Forward: 5'-GAAGCAGCAGCACTTCTTCTTCAAGAGAGAAGAAGTCGT(