

Supplementary material

E2F1 promotes angiogenesis through the VEGF-C/VEGFR-3 axis in a feedback loop for cooperative induction of PDGF-B

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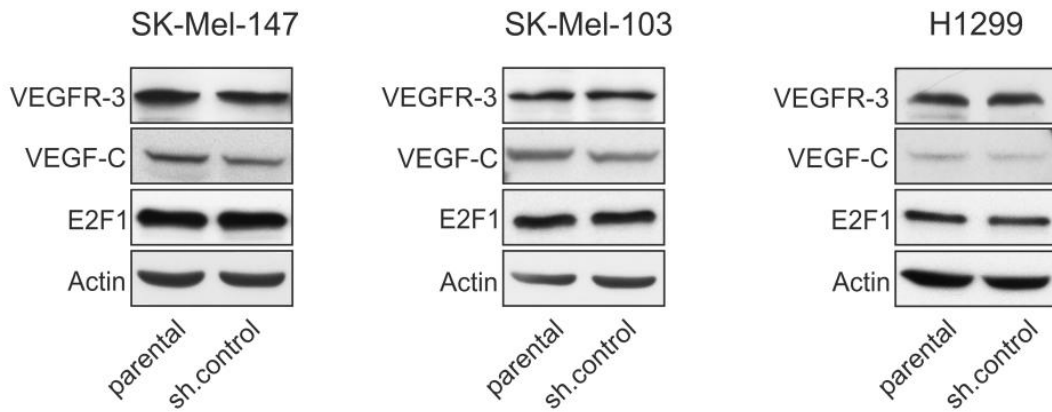
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Supplementary Figure S1 Western blot of endogenous VEGFR-3, VEGF-C, and E2F1 protein levels in parental and sh.control-expressing cells. Actin was used as loading control.

Supplementary Table S1 Sequence of oligonucleotides used for RT-PCR, qPCR, ChIP, and generation of the VEGF-C promoter deletion mutant.

Primer	Sequence
E2F1 fwd	5'-GCTGGACCACCTGATGAATATCT-3'
E2F1 rev	5'-GGAGGGGCTTTGATCACCATAA-3'
VEGFR-3 fwd	5'-GGCAGCTTCTCGCAGGTGT-3'
VEGFR-3 rev	5'-GTTGGGGTCATGGGAATTCCT-3'
VEGF-C fwd	5'-CACTTCCTGCCGATGCATGTCTAA-3'
VEGF-C rev	5'-CATCTCCAGCATCCGAGGAAAACA-3'
PDGF-B fwd	5'-GGCCGAGTTGGACCTGAACATGA-3'
PDGF-B rev	5'-GAAGTTGGCGTTGGTGCGGTCTA-3'
Actin fwd	5'-CGGGAAATCGTGCGTGACATTA-3'
Actin rev	5'-ACCGCTCATTGCCAATGGTGAT-3'
VEGFR-3 E2F-site fwd	5'-TGCCGCATTTTGCTCCCCTTTG-3'
VEGFR-3 E2F-site rev	5'-TCCGGTGCACCCGAGCAGT-3'
VEGF-C E2F-site fwd	5'-GGGTTTGGAGGGGCTGAACAT-3'
VEGF-C E2F-site rev	5'-AGGTAAAAGCCTCACAGGAAACCG-3'
PDGF-B promoter fwd	5'-TGTGCCAGGGTGAAATGTCT-3'
PDGF-B promoter rev	5'-CGAGTCCGTCCGTCCGTCT-3'
PDGF-B E2F-site fwd	5'-TGTGCCAGGGTGAAATGTCT-3'
PDGF-B E2F-site rev	5'-AAGTTGCCACCCTTTCAGCTGT-3'
VEGF-D fwd	5'-AACTCAGTGCAGCCCTAGAGAAAC-3'
VEGF-D rev	5'-GGAAATGTACGAGGTGCTGGTGTT-3'
FST fwd	5'-TGCTCTGCCAGTTCATGGAGG-3'
FST rev	5'-TCGGTCCACGAGGTGCTCA-3'
VEGFC Prom del fwd	5'-GAAAGCTTTCTCCAAAAAGCTACACCGAC-3'
VEGFC Prom del rev	5'-AGATCTCGAGGGATCCGAGAA-3'