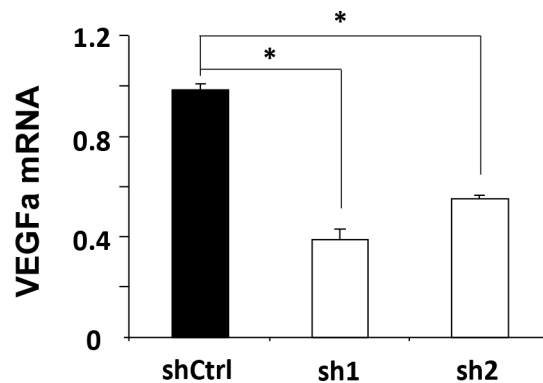
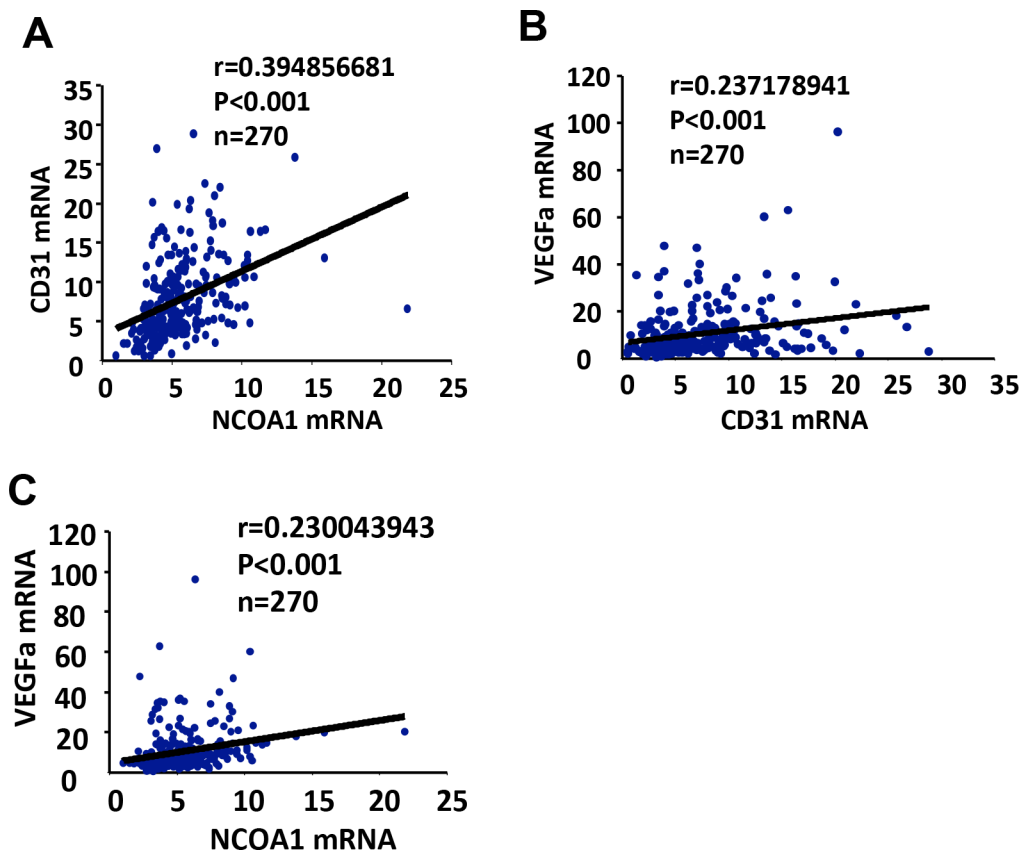


SUPPLEMENTARY FIGURES AND TABLES



Supplementary Figure S1: NCOA1 was knocked down in MDA-MB-231 cells using shRNA targeting two different region (sh1 and sh2) and VEGFa mRNA levels were examined by qPCR. Scramble knockdown (shCtrl) served as the control.



Supplementary Figure S2: The expression levels of *NCOA1*, *CD31* and *VEGFa* mRNAs are positively associated in a cohort of human breast tumors ($n = 270$). The whole genome mRNA expression profile was determined by microarray and deposited in the Oncomine Database (<https://www.oncomine.com/resource/main.html>) by Dr. Bittner M at International Genomics Consortium in Arizona. The correlation relationships in expression levels between *NCOA1* and *CD31* mRNAs (panel a), between *CD31* and *VEGFa* mRNAs (panel b), and between *NCOA1* and *VEGFa* mRNAs (panel c) were analyzed using Pearson Correlation Coefficient (r value) and statistical significance (p value).

Supplementary Table S1: PCR Primers and TaqMan QPCR Probes

Amplicons	Forward primers	Reverse primers	TaqMan probes
QPCR:			
mNcoa1 ⁽¹⁾	tatctctccagcccatggtgt	caaagttcccttggttggc	tcatccacgtgccaccatcca
mCD31	gctggtgctctatgcaagc	atggatgctgtgatggtga	universal probe #64 ⁽²⁾
mVEGFa	gcagcttgagtaaacaagc	ggtcccgaaacctgag	universal probe #4
mVEGFb	cccagccaccagaagaaa	acattgcccatgagttcat	universal probe # 10
mVEGFc	aacacacagaagtgtctcctaaa	tcgcacacggtctctgta	universal probe #31
m β -actin	ctaaggccaacctgaaaag	accagaggcatacagggaca	universal probe #64
hNCOA1 ⁽³⁾	tgcagcagaatgtctccag	aaagttggcctcacctgg	universal probe #15
hVEGFa	cgcaagaaatcccgtataa	aatgctttctccgctctga	universal probe #1
hHIF1 α	ttttcaagcagtaggaattgga	gtgatgtagtagctgatgatcg	universal probe #66
hc-Fos	actaccactcaccgcagac	ccaggtccgtgcagaagt	universal probe #67
hNF- κ B	ctggcagctcttctcaaagc	tccaggtcatagagaggctca	universal probe # 22
h β -actin	ccaaccgcgagaagatga	ccagaggcgtacagggatag	universal probe #64
PCR for ChIP assays:			
Region A (268 bps) ⁽⁴⁾	ggacaccataccgatggaac	gaacaaagttggggctctga	
Region B (339 bps)	aagctgtgagcctggagaag	cactgtggagtctggcaaaa	
Region C (207 bps)	gaagcaactccagtcacaaa	cacacgtcctcactctcgaa	
Region D (325 bps)	ttttcaggtgtgaacctg	ctgaccggtccacctaacc	
PCR for human VEGFa promoter:			
VP (bp -1986/96)	gtaggtaccatcccgttcacagcctaga	gttaccatggcggctgaccggtccacctaacc	
MA1	ttagtgctggcggtaggcacgcaggcct	tggaggccaggcctgctcctaccgcca	
MA2	aggctcttccctcccagtcggaaccaca	cgggaagctgtgtggtccgactgggaggga	
MH1	Ggttttgccagactccacagaacaggtctc	ctgggagggaagaggacctgttctgtggagtc	

⁽¹⁾mNcoa1, mouse Ncoa1;

⁽²⁾The universal probe for each mRNA was matched by searching the Universal ProbeLibrary (Roche Biotechnology) using the web-based ProbeFinder software (<http://www.universalprobelibrary.com>);

⁽³⁾hNCOA1, human NCOA1;

⁽⁴⁾bps, base pairs.