

S1 Table. Markers' distribution by HER2 status

	No.	Total	HER2-negative	HER2-positive	p-value
VEGFR1 mRNA expression	60	37.0 (31.5-39.6)	36.7 (35.2-38.1)	37.0 (31.5-39.6)	0.70 ^{a)}
VEGFR2 mRNA expression	60	37.6 (29.0-40.4)	35.8 (29.2-38.6)	37.7 (29.0-40.4)	0.28 ^{a)}
VEGFC mRNA expression	60	30.2 (26.8-37.9)	30.1 (27.1-34.5)	30.2 (26.8-37.9)	0.36 ^{a)}
VEGFA mRNA expression	60	41.1 (38.8-43.0)	41.3 (39.5-42.4)	41.1 (38.8-43.0)	0.98 ^{a)}
HIF1A mRNA expression	60	41.0 (37.7-42.9)	40.7 (37.7-41.6)	41.1 (38.0-42.9)	0.25 ^{a)}
NRP1 mRNA expression	60	38.6 (35.2-40.5)	38.7 (37.6-39.4)	38.6 (35.2-40.5)	0.86 ^{a)}
TEK mRNA expression	60	35.7 (28.2-38.4)	36.2 (28.2-37.3)	35.6 (28.6-38.4)	0.59 ^{a)}
VCAM1 mRNA expression	60	35.5 (27.2-38.2)	34.6 (30.6-36.6)	35.5 (27.2-38.2)	0.88 ^{a)}
VEGFxa mRNA expression	60	39.0 (29.2-41.5)	39.2 (37.0-40.9)	38.9 (29.2-41.5)	0.97 ^{a)}
VEGFxb mRNA expression	60	33.9 (28.1-37.2)	34.9 (29.2-36.0)	33.7 (28.1-37.2)	0.49 ^{a)}
VHL mRNA expression	60	39.3 (36.0-41.9)	39.1 (38.2-40.5)	39.3 (36.0-41.9)	0.68 ^{a)}
Tumor VEGFR1	186				0.30 ^{b)}
Low		119 (64.0)	44 (59.5)	75 (67.0)	
High		67 (36.0)	30 (40.5)	37 (33.0)	
Tumor VEGFR2	176				0.56 ^{b)}
Low		124 (70.5)	49 (68.1)	75 (72.1)	
High		52 (29.5)	23 (31.9)	29 (27.9)	
Tumor VEGFR3	186				0.16 ^{b)}
Low		106 (57.0)	48 (63.2)	58 (52.7)	
High		80 (43.0)	28 (36.8)	52 (47.3)	
Tumor VEGFC	186				0.88 ^{b)}
Low		141 (75.8)	55 (76.4)	86 (75.4)	
High		45 (24.2)	17 (23.6)	28 (24.6)	
Tumor VEGFA	184				0.15 ^{b)}
Low		104 (56.5)	46 (63.0)	58 (52.3)	
High		80 (43.5)	27 (37.0)	53 (47.7)	
Stromal VEGFR1	151				0.76 ^{b)}
Negative		14 (9.3)	6 (10.2)	8 (8.7)	
Positive		137 (90.7)	53(89.8)	84 (91.3)	
Stromal VEGFR2	164				0.19 ^{b)}
Negative		16 (9.8)	4 (6.1)	12 (12.2)	
Positive		148 (90.2)	62 (93.9)	86 (87.8)	

Stromal VEGFR3				0.053 ^{b)}
Negative	36 (25.2)	19 (33.9)	17 (19.5)	
Positive	107 (74.8)	37 (66.1)	70 (80.5)	
Stromal VEGFC				0.075 ^{b)}
Negative	11 (6.7)	7 (11.1)	4 (4.0)	
Positive	153 (93.3)	56 (88.9)	97 (96.0)	
Stromal VEGFA				0.33 ^{b)}
Negative	34 (21.1)	16 (25.0)	18 (18.6)	
Positive	127 (78.9)	48 (75.0)	79 (81.4)	

Values presented as median (min-max) or number (%). HER2, human epidermal growth factor

receptor 2. ^{a)}Wilcoxon rank-sum test, ^{b)}Pearson's chi-square/Fisher's exact test.