

Marker	Unit	Baseline (n=29)	Post Treatment (n=21)
IL-6	pg/ml	4.26 (1.24 - 83.65)	9.04 (0.66 - 38.48)
SDF1	ng/ml	1.48 (0.44 - 3.44)	1.6 (0.36 - 4.78)
VEGF-R1	pg/ml	144.73 (37.1 - 2350)	135.92 (41.11 - 2669)
VEGF-R2	ng/ml	4.29 (0.35 - 10.32)	3.21 (1.05 - 6.18)
Ang-2	pg/ml	591.8 (319.9 - 1443.3)	663.9 (222.2 - 1975.1)
PIGF	pg/ml	15 (3.89 - 30.51)	18.94 (1.11 - 93.54)
HGF	pg/ml	379.3 (77.05 - 2988)	259.5 (98.42 - 1095.3)
VEGF-A	pg/ml	40.16 (3.37 - 402.3)	76.17 (9.83 - 443.3)
VEGF-D	ng/ml	1.37 (0.72 - 2.97)	1.31 (0.89 - 2.49)
PDGF-BB	pg/ml	480.27 (46.24 - 24652.5)	486.7 (24.14 - 15397.5)
TSP-2	ng/ml	453.48 (173.6 - 1217)	426.25 (149.55 - 995.5)
VEGF-R3	ng/ml	255.55 (97.6 - 406.15)	190.05 (98.2 - 337.93)
ICAM-1	ng/ml	804.55 (398.25 - 2295)	751.2 (395.35 - 1839)
TIMP-1	ng/ml	203 (49.58 - 380.3)	201 (47.91 - 514.5)
VCAM-1	µg/ml	3.34 (1.46 - 7.03)	3.79 (2.01 - 10.77)
GP130	ng/ml	389.85 (274.15 - 658.2)	369.95 (232.85 - 662.9)
IL-6R	ng/ml	39.65 (19.42 - 73.81)	42.17 (22.95 - 70.31)
OPN	ng/ml	247.18 (96.66 - 1128.92)	346.62 (72.72 - 1128.92)
PDGF-AA	pg/ml	100.89 (15.51 - 2409.75)	162.95 (7.03 - 1478.38)
TGFβ1	ng/ml	23.86 (8.45 - 311.5)	23.02 (8.87 - 157.56)
TGFβ2	pg/ml	85.01 (51.87 - 202.6)	76.93 (47.95 - 170.27)
BMP-9	pg/ml	72.57 (30.85 - 156.6)	56.55 (14.36 - 121.12)
TGFβ-R3	ng/ml	119.98 (48.04 - 216.25)	114.83 (36.9 - 223.72)

Supplement table 1. Biomarker levels with the median level (range) shown for each marker.

Marker	HR	95% CI	P-value	Q-value
VEGF-D	7.89	1.99- 31.34	0.0015	0.0344
ICAM-1	4.82	1.46- 15.88	0.0083	0.0827
VEGF-A	0.47	0.25- 0.89	0.0147	0.0827
GP130	9.41	1.42- 62.56	0.0164	0.0827
PDGF-AA	0.62	0.41- 0.95	0.0211	0.0827
PDGF-BB	0.66	0.46- 0.96	0.0216	0.0827
TGFβ1	0.38	0.16- 0.93	0.0293	0.0961
IL-6	1.37	0.96- 1.96	0.0790	0.2051
TIMP-1	1.91	0.90- 4.05	0.0839	0.2051
VEGF-R1	1.29	0.95- 1.74	0.0906	0.2051
TGFβ-R3	8.71	0.75- 100.62	0.0981	0.2051
VCAM-1	2.17	0.80- 5.90	0.1292	0.2476
HGF	1.37	0.86- 2.18	0.1862	0.3295
PIGF	1.68	0.75- 3.76	0.2055	0.3376
IL-6R	0.43	0.10- 1.80	0.2444	0.3748
VEGF-R2	0.59	0.22- 1.58	0.2953	0.4245
TSP-2	1.46	0.67- 3.16	0.3375	0.4566
BMP-9	1.43	0.59- 3.44	0.4280	0.5469
SDF1	1.36	0.60- 3.07	0.4653	0.5633
VEGF-R3	1.33	0.29- 6.05	0.7100	0.8165
OPN	0.93	0.53- 1.64	0.8041	0.8669
TGFβ2	0.87	0.25- 3.08	0.8292	0.8669
Ang-2	0.99	0.36- 2.72	0.9842	0.9842

Supplement table 2. Prognostic markers for PFS benefit. P-values and Q-values (corrected for multiple testing) for each marker are shown

Marker	HR	95% CI	P-value	Q-value
IL-6	1.64	1.18- 2.27	0.0019	0.0287
GP130	10.49	2.16- 50.87	0.0025	0.0287
ICAM-1	4.41	1.47- 13.20	0.0068	0.0519
VCAM-1	3.12	1.19- 8.12	0.0184	0.0930
TIMP-1	2.28	1.11- 4.65	0.0202	0.0930
TSP-2	2.35	1.08- 5.11	0.0278	0.1002
PDGF-BB	0.73	0.54- 0.98	0.0305	0.1002
VEGF-D	3.76	1.06- 13.38	0.0372	0.1045
PDGF-AA	0.71	0.51- 0.99	0.0409	0.1045
VEGF-R2	0.50	0.25- 1.04	0.0576	0.1325
TGFβ1	0.56	0.28- 1.12	0.0961	0.2009
TGFβ2	0.47	0.17- 1.31	0.1446	0.2537
VEGF-R3	3.12	0.68- 14.37	0.1478	0.2537
VEGF-A	0.77	0.53- 1.11	0.1544	0.2537
Ang-2	1.59	0.74- 3.42	0.2308	0.3538
OPN	0.73	0.43- 1.26	0.2578	0.3682
VEGF-R1	1.15	0.90- 1.46	0.2722	0.3682
SDF1	1.28	0.73- 2.23	0.3841	0.4909
PIGF	1.28	0.62- 2.63	0.5051	0.6114
BMP-9	0.78	0.33- 1.81	0.5578	0.6415
HGF	1.12	0.74- 1.69	0.5921	0.6484
IL-6R	1.16	0.36- 3.74	0.8030	0.8395
TGFβ-R3	1.12	0.21- 5.95	0.8980	0.8980

Supplement table 3. Prognostic markers for OS benefit. P-values and Q-values (corrected for multiple testing) for each marker are shown