Characteristic	N	LGEneg , N = 92	LGEpos , N = 92	p-value
TNFRSF14	184			0.057
Mean (SD)		4.72 (0.47)	4.86 (0.50)	
Median (IQR)		4.65 (4.44, 4.89)	4.72 (4.50, 5.11)	
Range		3.45, 6.20	4.09, 6.99	
LDL receptor	184			0.4
Mean (SD)		5.15 (0.53)	5.23 (0.72)	
Median (IQR)		5.11 (4.85, 5.45)	5.20 (4.71, 5.64)	
Range		3.21, 6.66	3.56, 7.57	
ITGB2	184			0.3
Mean (SD)		6.48 (0.44)	6.56 (0.57)	
Median (IQR)		6.41 (6.22, 6.69)	6.46 (6.27, 6.87)	
Range		5.68, 8.49	5.55, 9.77	
IL-17RA	184			0.2
Mean (SD)		3.94 (0.62)	4.07 (0.63)	
Median (IQR)		3.83 (3.62, 4.23)	4.08 (3.70, 4.34)	
Range		2.40, 5.58	2.76, 6.35	
TNF-R2	184			0.8
Mean (SD)		5.49 (0.83)	5.51 (0.41)	
Median (IQR)		5.43 (5.17, 5.59)	5.55 (5.19, 5.75)	
Range		4.10, 12.15	4.71, 6.78	
MMP-9	184			0.3
Mean (SD)		3.82 (0.66)	3.93 (0.76)	
Median (IQR)		3.72 (3.47, 4.16)	3.83 (3.54, 4.20)	

Characteristic	N	LGEneg , N = 92	LGEpos , N = 92	p-value
Range		2.48, 5.72	2.53, 6.27	
EPHB4	184			0.6
Mean (SD)		5.28 (0.32)	5.31 (0.30)	
Median (IQR)		5.30 (5.06, 5.46)	5.28 (5.14, 5.48)	
Range		4.41, 6.25	4.54, 6.21	
IL2-RA	184			0.5
Mean (SD)		4.15 (0.55)	4.21 (0.53)	
Median (IQR)		4.11 (3.71, 4.56)	4.17 (3.86, 4.54)	
Range		2.87, 5.39	3.00, 5.93	
OPG	184			0.090
Mean (SD)		3.68 (0.39)	3.78 (0.47)	
Median (IQR)		3.62 (3.44, 3.88)	3.72 (3.44, 4.09)	
Range		2.80, 4.80	2.96, 5.49	
ALCAM	184			0.8
Mean (SD)		7.47 (0.26)	7.48 (0.27)	
Median (IQR)		7.43 (7.27, 7.63)	7.47 (7.29, 7.61)	
Range		6.89, 8.37	6.82, 8.27	
TFF3	184			>0.9
Mean (SD)		6.20 (0.52)	6.20 (0.41)	
Median (IQR)		6.17 (5.92, 6.36)	6.18 (5.91, 6.43)	
Range		5.00, 9.00	5.53, 7.30	
SELP	184			0.018
Mean (SD)		9.48 (0.85)	9.79 (0.86)	
¹ Welch Two Samp	ole t-te	st		

Characteristic	N	LGEneg , N = 92	LGEpos , N = 92	p-value ⁷
Median (IQR)		9.37 (8.98, 9.77)	9.62 (9.16, 10.17)	
Range		7.98, 12.32	7.87, 12.12	
CSTB	184			0.031
Mean (SD)		4.86 (0.57)	5.04 (0.52)	
Median (IQR)		4.79 (4.53, 5.13)	4.99 (4.66, 5.40)	
Range		3.67, 6.50	4.01, 6.87	
MCP-1	184			0.2
Mean (SD)		4.58 (0.43)	4.66 (0.34)	
Median (IQR)		4.49 (4.33, 4.73)	4.63 (4.45, 4.86)	
Range		3.92, 7.00	3.97, 6.39	
CD163	184			0.3
Mean (SD)		8.04 (0.46)	8.11 (0.48)	
Median (IQR)		8.06 (7.70, 8.30)	8.07 (7.78, 8.42)	
Range		6.66, 9.77	6.98, 9.39	
Gal-3	184			0.3
Mean (SD)		4.81 (0.32)	4.86 (0.33)	
Median (IQR)		4.82 (4.56, 4.98)	4.83 (4.64, 5.12)	
Range		4.10, 5.77	4.00, 5.78	
GRN	184			0.6
Mean (SD)		5.20 (0.32)	5.22 (0.30)	
Median (IQR)		5.18 (4.99, 5.34)	5.22 (5.03, 5.42)	
Range		4.60, 6.64	4.30, 5.95	
NT-proBNP	184			0.022
¹ Welch Two Samp	ole t-te	st		

Characteristic	N	LGEneg, N = 92	LGEpos, N = 92	p-value ¹
Mean (SD)		3.13 (1.50)	3.60 (1.25)	
Median (IQR)		2.84 (2.10, 4.21)	3.52 (2.81, 4.38)	
Range		-0.06, 7.23	1.06, 6.92	
BLM hydrolase	184			0.2
Mean (SD)		3.44 (0.35)	3.51 (0.44)	
Median (IQR)		3.39 (3.19, 3.70)	3.41 (3.20, 3.72)	
Range		2.55, 4.32	2.68, 5.03	
PLC	184			0.5
Mean (SD)		7.98 (0.29)	8.01 (0.27)	
Median (IQR)		7.98 (7.81, 8.16)	8.00 (7.86, 8.21)	
Range		7.10, 9.04	7.32, 8.77	
LTBR	184			0.12
Mean (SD)		3.79 (0.37)	3.88 (0.34)	
Median (IQR)		3.81 (3.59, 4.01)	3.84 (3.62, 4.11)	
Range		2.53, 4.97	2.99, 4.87	
Notch 3	184			>0.9
Mean (SD)		5.29 (0.39)	5.30 (0.40)	
Median (IQR)		5.29 (5.02, 5.56)	5.32 (5.06, 5.53)	
Range		4.51, 6.26	4.29, 6.24	
TIMP4	184			0.14
Mean (SD)		4.60 (0.54)	4.71 (0.46)	
Median (IQR)		4.50 (4.24, 4.87)	4.65 (4.45, 4.98)	
Range		3.45, 6.32	3.55, 6.27	
¹ Welch Two Samp	ole t-te	st		

Characteristic	N	LGEneg , N = 92	LGEpos , N = 92	p-value
CNTN1	184			0.4
Mean (SD)		4.71 (0.32)	4.66 (0.34)	
Median (IQR)		4.68 (4.47, 4.94)	4.69 (4.46, 4.82)	
Range		3.84, 5.46	3.68, 5.64	
CDH5	184			0.4
Mean (SD)		3.42 (0.36)	3.47 (0.39)	
Median (IQR)		3.38 (3.22, 3.66)	3.44 (3.23, 3.71)	
Range		2.52, 4.28	2.37, 4.56	
TLT-2	184			0.4
Mean (SD)		4.86 (0.46)	4.93 (0.49)	
Median (IQR)		4.81 (4.56, 5.21)	4.85 (4.60, 5.29)	
Range		3.88, 6.08	4.04, 6.14	
FABP4	184			0.3
Mean (SD)		5.05 (0.75)	5.17 (0.79)	
Median (IQR)		5.02 (4.61, 5.38)	5.07 (4.55, 5.67)	
Range		3.35, 7.53	3.58, 7.08	
TFPI	184			0.9
Mean (SD)		9.22 (0.39)	9.21 (0.35)	
Median (IQR)		9.22 (8.98, 9.44)	9.25 (9.00, 9.46)	
Range		8.13, 10.65	8.18, 9.94	
PAI	184			0.014
Mean (SD)		5.55 (1.01)	5.93 (1.04)	
Median (IQR)		5.65 (4.95, 6.16)	5.80 (5.15, 6.64)	
¹ Welch Two Samp	ole t-te	st		

Characteristic	N	LGEneg , N = 92	LGEpos , N = 92	p-value
Range		2.53, 8.10	3.00, 8.42	
CCL24	184			0.7
Mean (SD)		5.87 (0.96)	5.81 (0.81)	
Median (IQR)		5.81 (5.19, 6.34)	5.82 (5.17, 6.35)	
Range		4.12, 8.95	3.99, 7.56	
TR	184			0.7
Mean (SD)		5.78 (0.52)	5.81 (0.50)	
Median (IQR)		5.73 (5.44, 6.09)	5.82 (5.53, 6.07)	
Range		4.86, 8.16	4.06, 7.29	
TNFRSF10C	184			0.6
Mean (SD)		4.85 (0.45)	4.82 (0.54)	
Median (IQR)		4.90 (4.53, 5.09)	4.80 (4.48, 5.24)	
Range		3.63, 5.91	3.19, 6.01	
GDF-15	184			0.4
Mean (SD)		5.21 (0.65)	5.30 (0.60)	
Median (IQR)		5.16 (4.64, 5.51)	5.25 (4.90, 5.66)	
Range		4.11, 6.95	4.01, 7.09	
SELE	184			0.13
Mean (SD)		10.35 (0.54)	10.48 (0.59)	
Median (IQR)		10.41 (10.01, 10.67)	10.47 (10.18, 10.83)	
Range		8.82, 12.20	9.09, 11.99	
AZU1	184			0.8
Mean (SD)		3.14 (0.91)	3.18 (0.91)	
¹ Welch Two Samp	ole t-te	est		

Characteristic	N	LGEneg , N = 92	LGEpos , N = 92	p-value ¹
Median (IQR)		2.94 (2.59, 3.55)	2.95 (2.72, 3.39)	
Range		1.65, 6.86	1.97, 8.62	
DLK-1	184			0.7
Mean (SD)		5.89 (0.73)	5.84 (0.72)	
Median (IQR)		5.88 (5.49, 6.35)	5.81 (5.39, 6.43)	
Range		4.14, 7.95	3.78, 7.30	
SPON1	184			0.5
Mean (SD)		1.05 (0.38)	1.08 (0.27)	
Median (IQR)		1.01 (0.84, 1.17)	1.10 (0.88, 1.23)	
Range		0.21, 2.52	0.51, 1.87	
МРО	184			0.3
Mean (SD)		2.83 (0.51)	2.90 (0.61)	
Median (IQR)		2.76 (2.55, 3.00)	2.80 (2.57, 3.11)	
Range		1.81, 4.92	1.75, 6.25	
CXCL16	184			0.5
Mean (SD)		5.88 (0.28)	5.91 (0.27)	
Median (IQR)		5.85 (5.69, 6.06)	5.88 (5.71, 6.05)	
Range		5.14, 6.56	5.38, 6.85	
IL-6RA	184			0.8
Mean (SD)		11.98 (0.42)	11.96 (0.38)	
Median (IQR)		11.96 (11.60, 12.29)	11.95 (11.68, 12.17)	
Range		11.27, 12.81	11.31, 12.92	
RETN	184			0.3
¹ Welch Two Samp	ole t-t	est		

Characteristic	N	LGEneg , N = 92	LGEpos , N = 92	p-value ¹
Mean (SD)		6.47 (0.49)	6.54 (0.46)	
Median (IQR)		6.41 (6.19, 6.70)	6.48 (6.20, 6.78)	
Range		5.22, 7.89	5.56, 7.83	
IGFBP-1	184			0.073
Mean (SD)		5.85 (1.04)	5.56 (1.17)	
Median (IQR)		5.93 (5.20, 6.55)	5.60 (4.89, 6.34)	
Range		3.05, 8.06	2.59, 8.90	
CHIT1	184			0.3
Mean (SD)		4.70 (1.37)	4.46 (1.76)	
Median (IQR)		4.82 (4.15, 5.43)	4.76 (3.90, 5.49)	
Range		-0.82, 7.16	-0.78, 7.54	
TR-AP	184			>0.9
Mean (SD)		4.43 (0.49)	4.43 (0.37)	
Median (IQR)		4.37 (4.10, 4.62)	4.43 (4.14, 4.68)	
Range		3.01, 6.56	3.63, 5.49	
GP6	184			0.076
Mean (SD)		2.41 (0.77)	2.64 (0.98)	
Median (IQR)		2.36 (1.99, 2.75)	2.49 (2.09, 3.06)	
Range		0.61, 4.74	0.57, 5.74	
PSP-D	184			0.3
Mean (SD)		3.00 (0.75)	3.11 (0.82)	
Median (IQR)		2.98 (2.47, 3.54)	3.06 (2.51, 3.65)	
Range		1.39, 4.55	1.43, 4.98	
¹ Welch Two Samp	ole t-te	st		

Characteristic	N	LGEneg , N = 92	LGEpos , N = 92	p-value ⁷
PI3	184			0.2
Mean (SD)		2.72 (0.67)	2.83 (0.59)	
Median (IQR)		2.65 (2.26, 3.12)	2.74 (2.49, 3.05)	
Range		1.07, 4.62	1.54, 4.61	
Ep-CAM	184			0.076
Mean (SD)		5.73 (0.90)	5.99 (1.02)	
Median (IQR)		5.60 (5.12, 6.29)	5.97 (5.22, 6.58)	
Range		4.13, 7.91	3.83, 8.08	
AP-N	184			0.5
Mean (SD)		5.73 (0.26)	5.76 (0.31)	
Median (IQR)		5.72 (5.54, 5.84)	5.73 (5.56, 5.90)	
Range		5.22, 6.66	4.89, 6.67	
AXL	184			0.7
Mean (SD)		8.55 (0.32)	8.56 (0.30)	
Median (IQR)		8.53 (8.34, 8.73)	8.52 (8.37, 8.78)	
Range		7.76, 9.41	7.83, 9.26	
IL-1RT1	184			0.4
Mean (SD)		5.74 (0.29)	5.78 (0.27)	
Median (IQR)		5.71 (5.56, 5.92)	5.78 (5.65, 5.91)	
Range		5.08, 6.72	4.97, 6.60	
MMP-2	184			0.7
Mean (SD)		3.04 (0.49)	3.07 (0.48)	
Median (IQR)		3.04 (2.70, 3.42)	3.08 (2.78, 3.33)	
¹ Welch Two Samp	ole t-te	st		

Characteristic	N	LGEneg , N = 92	LGEpos , N = 92	p-value
Range		2.05, 4.19	1.70, 4.30	
FAS	184			0.3
Mean (SD)		5.99 (0.45)	6.05 (0.39)	
Median (IQR)		5.93 (5.77, 6.15)	6.03 (5.83, 6.25)	
Range		5.01, 7.90	5.28, 7.65	
MB	184			>0.9
Mean (SD)		7.09 (0.61)	7.09 (0.62)	
Median (IQR)		7.05 (6.71, 7.42)	7.01 (6.75, 7.44)	
Range		5.66, 9.65	5.61, 9.69	
TNFSF13B	184			0.7
Mean (SD)		6.83 (0.32)	6.86 (0.39)	
Median (IQR)		6.84 (6.60, 7.02)	6.85 (6.65, 7.09)	
Range		5.72, 7.86	5.86, 7.91	
PRTN3	184			0.068
Mean (SD)		4.20 (0.62)	4.37 (0.57)	
Median (IQR)		4.14 (3.84, 4.51)	4.29 (4.02, 4.68)	
Range		2.87, 6.77	3.20, 7.39	
PCSK9	184			0.2
Mean (SD)		2.79 (0.37)	2.85 (0.34)	
Median (IQR)		2.77 (2.53, 3.00)	2.84 (2.65, 3.05)	
Range		1.64, 3.89	1.95, 3.71	
U-PAR	184			0.10
Mean (SD)		4.96 (0.47)	5.07 (0.47)	
¹ Welch Two Samp	ole t-te	st		

	N	LGEneg , N = 92	LGEpos, N = 92	p-value
Median (IQR)		4.95 (4.65, 5.29)	4.99 (4.80, 5.33)	
Range		3.98, 6.44	4.19, 7.28	
OPN	184			0.5
Mean (SD)		7.29 (0.90)	7.37 (0.89)	
Median (IQR)		7.36 (6.75, 7.96)	7.37 (6.80, 8.00)	
Range		4.87, 8.86	5.07, 9.39	
CTSD	184			0.2
Mean (SD)		3.36 (0.42)	3.44 (0.43)	
Median (IQR)		3.29 (3.10, 3.56)	3.36 (3.17, 3.67)	
Range		2.58, 5.40	2.66, 4.73	
PGLYRP1	184			0.7
Mean (SD)		7.23 (0.50)	7.26 (0.42)	
Median (IQR)		7.25 (6.92, 7.56)	7.25 (6.98, 7.55)	
Range		5.72, 8.41	6.38, 8.71	
CPA1	184			0.5
Mean (SD)		5.29 (0.72)	5.21 (0.78)	
Median (IQR)		5.30 (4.77, 5.64)	5.19 (4.66, 5.63)	
Range		3.81, 7.99	3.47, 7.04	
JAM-A	184			0.10
Mean (SD)		5.73 (1.33)	6.05 (1.31)	
Median (IQR)		5.60 (4.81, 6.34)	5.83 (5.19, 6.71)	
Range		2.93, 10.01	3.63, 9.86	
Gal-4	184			0.071

Characteristic	N	LGEneg , N = 92	LGEpos , N = 92	p-value ¹
Mean (SD)		4.10 (0.56)	4.24 (0.56)	
Median (IQR)		3.99 (3.77, 4.39)	4.28 (3.84, 4.74)	
Range		2.87, 5.69	2.65, 5.25	
IL-1RT2	184			0.4
Mean (SD)		5.79 (0.30)	5.83 (0.38)	
Median (IQR)		5.80 (5.55, 5.99)	5.80 (5.60, 6.03)	
Range		5.21, 6.57	4.72, 7.08	
SHPS-1	184			0.071
Mean (SD)		3.83 (0.43)	3.95 (0.46)	
Median (IQR)		3.88 (3.57, 4.15)	3.95 (3.71, 4.21)	
Range		2.33, 4.67	2.68, 5.33	
CCL15	184			0.4
Mean (SD)		7.67 (0.63)	7.74 (0.52)	
Median (IQR)		7.55 (7.19, 8.13)	7.68 (7.36, 8.05)	
Range		6.58, 9.44	6.73, 9.12	
CASP-3	184			0.088
Mean (SD)		7.26 (1.31)	7.60 (1.44)	
Median (IQR)		7.36 (6.44, 7.82)	7.61 (6.86, 8.35)	
Range		3.81, 10.45	3.82, 11.32	
uPA	184			0.14
Mean (SD)		5.27 (0.32)	5.35 (0.39)	
Median (IQR)		5.24 (5.10, 5.45)	5.36 (5.08, 5.56)	
Range		4.44, 6.82	4.22, 6.83	
¹ Welch Two Samp	ole t-te	st		

Characteristic	N	LGEneg , N = 92	LGEpos , N = 92	p-value ⁷
CPB1	184			0.9
Mean (SD)		5.87 (0.68)	5.89 (0.71)	
Median (IQR)		5.85 (5.41, 6.18)	5.87 (5.42, 6.38)	
Range		4.41, 8.49	4.29, 7.41	
CHI3L1	184			0.002
Mean (SD)		6.25 (0.90)	6.69 (1.02)	
Median (IQR)		6.20 (5.76, 6.76)	6.56 (6.04, 7.22)	
Range		4.10, 8.35	4.84, 10.11	
ST2	184			0.052
Mean (SD)		6.48 (0.49)	6.63 (0.52)	
Median (IQR)		6.51 (6.17, 6.82)	6.57 (6.32, 6.91)	
Range		5.24, 7.74	5.33, 8.54	
t-PA	184			0.089
Mean (SD)		5.53 (0.52)	5.67 (0.57)	
Median (IQR)		5.55 (5.18, 5.86)	5.69 (5.26, 6.12)	
Range		4.39, 7.56	4.27, 7.30	
SCGB3A2	184			0.049
Mean (SD)		2.38 (0.75)	2.63 (0.98)	
Median (IQR)		2.34 (1.87, 2.89)	2.54 (1.95, 3.18)	
Range		0.45, 5.02	1.04, 8.33	
EGFR	184			0.8
Mean (SD)		2.68 (0.19)	2.69 (0.21)	
Median (IQR)		2.67 (2.58, 2.80)	2.68 (2.53, 2.84)	
¹ Welch Two Samp	ole t-te	st		

Characteristic	N	LGEneg , N = 92	LGEpos , N = 92	p-value
Range		2.20, 3.19	2.22, 3.16	
IGFBP-7	184			0.5
Mean (SD)		8.59 (0.39)	8.63 (0.34)	
Median (IQR)		8.57 (8.34, 8.78)	8.60 (8.42, 8.80)	
Range		7.88, 10.28	7.73, 9.59	
CD93	184			0.8
Mean (SD)		10.70 (0.28)	10.71 (0.31)	
Median (IQR)		10.73 (10.50, 10.89)	10.71 (10.54, 10.96)	
Range		9.97, 11.29	9.79, 11.40	
IL-18BP	184			0.094
Mean (SD)		6.26 (0.35)	6.34 (0.33)	
Median (IQR)		6.26 (6.07, 6.42)	6.35 (6.12, 6.56)	
Range		5.23, 7.23	5.72, 7.39	
COL1A1	184			0.6
Mean (SD)		2.54 (0.39)	2.51 (0.42)	
Median (IQR)		2.53 (2.30, 2.83)	2.49 (2.31, 2.75)	
Range		1.63, 3.57	1.32, 3.62	
PON3	184			>0.9
Mean (SD)		5.63 (0.67)	5.63 (0.66)	
Median (IQR)		5.59 (5.24, 6.10)	5.62 (5.17, 6.07)	
Range		3.44, 7.16	4.10, 7.12	
CTSZ	184			0.3
Mean (SD)		4.48 (0.35)	4.53 (0.35)	
¹ Welch Two Samp	ole t-te	est		

Characteristic	N	LGEneg , N = 92	LGEpos , N = 92	p-value ⁷
Median (IQR)		4.47 (4.26, 4.68)	4.51 (4.29, 4.78)	
Range		3.75, 5.42	3.66, 5.57	
MMP-3	184			0.6
Mean (SD)		6.43 (0.61)	6.39 (0.56)	
Median (IQR)		6.35 (6.05, 6.91)	6.41 (6.04, 6.73)	
Range		5.07, 8.40	5.11, 8.85	
RARRES2	184			0.072
Mean (SD)		11.56 (0.32)	11.65 (0.31)	
Median (IQR)		11.61 (11.34, 11.77)	11.68 (11.41, 11.86)	
Range		10.74, 12.26	10.88, 12.40	
ICAM-2	184			0.066
Mean (SD)		5.15 (0.34)	5.24 (0.36)	
Median (IQR)		5.19 (4.96, 5.39)	5.25 (5.03, 5.48)	
Range		4.23, 5.88	4.46, 6.09	
KLK6	184			0.2
Mean (SD)		4.26 (0.35)	4.19 (0.31)	
Median (IQR)		4.22 (4.04, 4.47)	4.20 (3.99, 4.42)	
Range		3.44, 5.54	3.43, 4.90	
PDGF subunit A	184			0.036
Mean (SD)		2.14 (0.94)	2.44 (1.01)	
Median (IQR)		2.07 (1.59, 2.59)	2.31 (1.68, 2.92)	
Range		0.61, 6.22	0.38, 6.03	
TNF-R1	184			0.3
¹ Welch Two Samp	ole t-t	est		

Characteristic	N	LGEneg , N = 92	LGEpos, N = 92	p-value ⁷
Mean (SD)		6.46 (0.43)	6.52 (0.37)	
Median (IQR)		6.46 (6.20, 6.70)	6.48 (6.29, 6.75)	
Range		5.15, 7.95	5.67, 7.47	
IGFBP-2	184			0.8
Mean (SD)		8.47 (0.89)	8.51 (0.86)	
Median (IQR)		8.52 (7.91, 9.07)	8.54 (7.92, 9.12)	
Range		6.38, 10.03	6.28, 10.34	
vWF	184			0.4
Mean (SD)		6.08 (0.73)	6.17 (0.80)	
Median (IQR)		6.16 (5.63, 6.59)	6.09 (5.70, 6.68)	
Range		4.05, 7.47	4.37, 8.77	
PECAM-1	184			0.086
Mean (SD)		4.67 (0.90)	4.90 (0.90)	
Median (IQR)		4.57 (4.10, 5.05)	4.67 (4.26, 5.33)	
Range		3.06, 7.60	3.65, 7.60	
MEPE	184			0.7
Mean (SD)		4.27 (0.67)	4.23 (0.52)	
Median (IQR)		4.29 (3.82, 4.69)	4.29 (3.92, 4.60)	
Range		2.65, 6.35	2.86, 5.15	
CCL16	184			0.8
Mean (SD)		6.82 (0.62)	6.85 (0.74)	
Median (IQR)		6.83 (6.52, 7.09)	6.84 (6.54, 7.20)	
Range		4.66, 8.79	4.53, 9.10	
¹ Welch Two Samp	ole t-te	st		