

Additional file 2.

Protein	AUC (95% CI)	Rank	Sensitivity at 95% Specificity (95% CI)	Rank
CA.125	1 (1, 1)	1	1 (1, 1)	1
HE4	1 (0.99, 1)	2	0.99 (0.94, 1)	2
MK	0.98 (0.94, 1)	3	0.91 (0.79, 0.99)	3
KLK6	0.95 (0.9, 0.99)	4	0.88 (0.8, 0.96)	4
hK11	0.93 (0.88, 0.98)	5	0.79 (0.63, 0.93)	6
FR.alpha	0.92 (0.83, 0.98)	6	0.81 (0.67, 0.94)	5
CXCL13	0.92 (0.85, 0.97)	7	0.66 (0.43, 0.87)	7
IL.6	0.89 (0.8, 0.97)	8	0.59 (0.26, 0.85)	10
PDGF.subunit.B	0.87 (0.77, 0.95)	9	0.42 (0.2, 0.76)	19
U.PAR	0.86 (0.75, 0.95)	10	0.39 (0.12, 0.77)	23
FADD	0.84 (0.74, 0.93)	11	0.59 (0.36, 0.81)	9
TNFSF14	0.84 (0.72, 0.94)	12	0.38 (0.17, 0.71)	29
IL.7	0.84 (0.72, 0.93)	13	0.46 (0.25, 0.7)	16
CSF.1	0.84 (0.7, 0.95)	14	0.28 (0.04, 0.74)	39
CD40.L	0.83 (0.72, 0.95)	15	0.22 (0.02, 0.82)	53
TGF.alpha	0.83 (0.71, 0.93)	16	0.38 (0.14, 0.72)	30
PRSS8	0.83 (0.71, 0.93)	17	0.49 (0.3, 0.74)	15
MMP.1	0.82 (0.69, 0.92)	18	0.26 (0.08, 0.58)	47
FUR	0.82 (0.7, 0.92)	19	0.28 (0.09, 0.62)	40
TNF.R1	0.82 (0.69, 0.93)	20	0.44 (0.22, 0.72)	18
ILT.3	0.81 (0.67, 0.92)	21	0.39 (0.15, 0.68)	28
SCF	0.81 (0.72, 0.89)	22	0.64 (0.46, 0.8)	8
NTRK3	0.8 (0.67, 0.9)	23	0.53 (0.25, 0.76)	11
HGF	0.8 (0.66, 0.92)	24	0.38 (0.14, 0.67)	32
HB.EGF	0.8 (0.65, 0.93)	25	0.27 (0.06, 0.65)	42
CXCL11	0.79 (0.65, 0.92)	26	0.34 (0.06, 0.71)	34
ITGA1	0.79 (0.65, 0.9)	27	0.5 (0.3, 0.73)	13
LAP.TGF.beta.1	0.79 (0.65, 0.91)	28	0.23 (0.05, 0.55)	52
GDF.15	0.79 (0.66, 0.9)	29	0.39 (0.18, 0.66)	26
AM	0.79 (0.66, 0.91)	30	0.41 (0.19, 0.69)	20
IL.8	0.79 (0.67, 0.9)	31	0.52 (0.29, 0.71)	12
VIM	0.78 (0.65, 0.91)	32	0.08 (0.01, 0.4)	80
CD69	0.78 (0.66, 0.9)	33	0.33 (0.11, 0.63)	36
EZR	0.77 (0.64, 0.88)	34	0.4 (0.17, 0.66)	22
LITAF	0.77 (0.62, 0.89)	35	0.19 (0.03, 0.6)	58
VEGF.A	0.77 (0.62, 0.89)	36	0.35 (0.1, 0.63)	33
CDH3	0.76 (0.62, 0.9)	37	0.44 (0.21, 0.7)	17
TNF.R2	0.75 (0.61, 0.87)	38	0.4 (0.15, 0.64)	21
CSTB	0.75 (0.61, 0.87)	39	0.31 (0.11, 0.56)	38
LYN	0.75 (0.61, 0.89)	40	0.25 (0.05, 0.58)	48
BAFF	0.75 (0.6, 0.88)	41	0.33 (0.12, 0.59)	35
PTPN22	0.75 (0.6, 0.87)	42	0.09 (0, 0.43)	75
CXCL10	0.74 (0.59, 0.87)	43	0.31 (0.09, 0.61)	37
TRAIL.R2	0.74 (0.61, 0.87)	44	0.39 (0.13, 0.65)	25

TF	0.73 (0.61, 0.85)	45	0.38 (0.15, 0.61)	31
EGFR	0.73 (0.59, 0.85)	46	0.26 (0.04, 0.55)	46
ErbB4.HER4	0.7 (0.56, 0.83)	47	0.5 (0.28, 0.66)	14
FS	0.7 (0.54, 0.87)	48	0.15 (0.02, 0.47)	66
ICOSLG	0.7 (0.55, 0.83)	49	0.39 (0.19, 0.63)	24
CCL19	0.7 (0.55, 0.83)	50	0.27 (0.09, 0.52)	44
FasL	0.7 (0.53, 0.87)	51	0.09 (0, 0.54)	76
IL.1ra	0.69 (0.56, 0.83)	52	0.1 (0.02, 0.32)	74
Ep.CAM	0.69 (0.55, 0.84)	53	0.11 (0.01, 0.42)	70
VEGFR.2	0.68 (0.52, 0.82)	54	0.22 (0.07, 0.4)	54
IL.17RB	0.68 (0.51, 0.83)	55	0.25 (0.1, 0.46)	49
MIA	0.66 (0.49, 0.8)	56	0.21 (0.05, 0.43)	57
NEMO	0.66 (0.51, 0.81)	57	0.14 (0.02, 0.38)	67
CDKN1A	0.66 (0.5, 0.81)	58	0.18 (0.03, 0.46)	61
TNFRSF4	0.65 (0.51, 0.78)	59	0.39 (0.15, 0.58)	27
CASP.3	0.65 (0.49, 0.79)	60	0.21 (0.03, 0.47)	55
MCP.1	0.65 (0.51, 0.8)	61	0.17 (0.04, 0.39)	64
REG.4	0.65 (0.49, 0.79)	62	0.09 (0, 0.31)	77
PIGF	0.65 (0.49, 0.79)	63	0.23 (0.04, 0.46)	51
AR	0.64 (0.49, 0.77)	64	0.28 (0.03, 0.53)	41
GH	0.64 (0.48, 0.81)	65	0.05 (0, 0.29)	85
MIC.A	0.64 (0.47, 0.78)	66	0.05 (0, 0.22)	86
CXCL9	0.64 (0.47, 0.81)	67	0.17 (0.01, 0.53)	62
VEGF.D	0.63 (0.48, 0.79)	68	0.06 (0, 0.25)	83
SELE	0.62 (0.45, 0.81)	69	0.15 (0.04, 0.37)	65
TNF	0.61 (0.48, 0.69)	70	0 (0, 0.02)	92
IL.12	0.6 (0.44, 0.78)	71	0.27 (0.12, 0.48)	43
EMMPRIN	0.6 (0.46, 0.76)	72	0.25 (0.06, 0.51)	50
PRL	0.6 (0.44, 0.77)	73	0.11 (0.01, 0.39)	71
CXCL5	0.6 (0.44, 0.73)	74	0.01 (0, 0.1)	90
MYD88	0.59 (0.41, 0.76)	75	0.03 (0, 0.24)	87
VE.statin	0.59 (0.41, 0.75)	76	0.11 (0.01, 0.34)	69
IL.6RA	0.59 (0.42, 0.73)	77	0.21 (0.06, 0.45)	56
THPO	0.59 (0.42, 0.76)	78	0.07 (0.01, 0.28)	82
IL.2	0.59 (0.4, 0.74)	79	0.01 (0, 0.07)	89
ErbB3.HER3	0.57 (0.41, 0.72)	80	0.11 (0.01, 0.34)	72
FAS	0.56 (0.38, 0.71)	81	0.26 (0.06, 0.47)	45
PECAM.1	0.56 (0.4, 0.73)	82	0.17 (0.04, 0.38)	63
CEA	0.56 (0.39, 0.73)	83	0.12 (0.04, 0.24)	68
ErbB2.HER2	0.54 (0.38, 0.71)	84	0.19 (0.05, 0.38)	59
CAIX	0.54 (0.34, 0.69)	85	0.18 (0, 0.41)	60
EPO	0.54 (0.3, 0.65)	86	0 (0, 0.08)	91
IFN.gamma	0.54 (0.37, 0.72)	87	0.02 (0, 0.21)	88
TR.AP	0.54 (0.35, 0.7)	88	0.08 (0.01, 0.23)	81
eIF.4B	0.52 (0.35, 0.69)	89	0.08 (0.01, 0.23)	79
PARK7	0.52 (0.35, 0.68)	90	0.06 (0.01, 0.21)	84
TIE2	0.52 (0.36, 0.71)	91	0.1 (0.01, 0.36)	73
Flt3L	0.51 (0.34, 0.69)	92	0.09 (0.01, 0.27)	78