

Additional file 4.

Protein	AUC (95% CI)	Rank	Sensitivity at 95% Specificity (95% CI)	Rank
CA.125	0.98 (0.94, 1)	1	0.93 (0.81, 0.99)	1
HE4	0.85 (0.74, 0.95)	2	0.63 (0.44, 0.84)	2
CXCL13	0.82 (0.68, 0.93)	3	0.44 (0.19, 0.71)	7
FADD	0.79 (0.67, 0.9)	4	0.41 (0.14, 0.69)	10
hK11	0.78 (0.65, 0.88)	5	0.49 (0.26, 0.71)	4
MK	0.76 (0.65, 0.87)	6	0.53 (0.33, 0.72)	3
MMP.1	0.76 (0.62, 0.88)	7	0.19 (0.05, 0.49)	35
TNFSF14	0.76 (0.63, 0.89)	8	0.09 (0, 0.38)	65
IL.6	0.75 (0.65, 0.85)	9	0.47 (0.18, 0.68)	5
PRSS8	0.75 (0.62, 0.88)	10	0.37 (0.16, 0.59)	13
HGF	0.75 (0.6, 0.87)	11	0.21 (0.01, 0.51)	29
CD40.L	0.75 (0.6, 0.91)	12	0.15 (0, 0.52)	41
GDF.15	0.73 (0.58, 0.86)	13	0.41 (0.22, 0.63)	11
CD69	0.73 (0.59, 0.86)	14	0.18 (0.03, 0.5)	36
SCF	0.72 (0.59, 0.85)	15	0.39 (0.14, 0.63)	12
LAP.TGF.beta.1	0.72 (0.57, 0.86)	16	0.14 (0.02, 0.44)	44
U.PAR	0.72 (0.55, 0.86)	17	0.15 (0.02, 0.5)	42
NTRK3	0.71 (0.55, 0.86)	18	0.15 (0.02, 0.45)	40
Ep.CAM	0.71 (0.53, 0.87)	19	0.24 (0.09, 0.51)	21
TF	0.7 (0.55, 0.85)	20	0.19 (0.06, 0.44)	34
LITAF	0.7 (0.52, 0.86)	21	0.03 (0, 0.39)	81
CDH3	0.7 (0.56, 0.88)	22	0.42 (0.22, 0.67)	8
EGFR	0.7 (0.54, 0.85)	23	0.08 (0.01, 0.37)	66
VEGF.A	0.69 (0.53, 0.83)	24	0.21 (0.05, 0.5)	28
TGF.alpha	0.69 (0.53, 0.84)	25	0.09 (0.01, 0.36)	62
LYN	0.69 (0.57, 0.8)	26	0.36 (0.01, 0.59)	15
AR	0.69 (0.52, 0.85)	27	0.11 (0.01, 0.43)	55
FR.alpha	0.69 (0.56, 0.82)	28	0.47 (0.17, 0.64)	6
ICOSLG	0.69 (0.53, 0.82)	29	0.17 (0.02, 0.47)	38
IL.7	0.68 (0.52, 0.82)	30	0.26 (0.1, 0.45)	18
PRL	0.68 (0.52, 0.83)	31	0.09 (0, 0.46)	60
FUR	0.68 (0.53, 0.83)	32	0.05 (0, 0.28)	77
ILT.3	0.68 (0.52, 0.83)	33	0.21 (0.04, 0.5)	27
VE.statin	0.68 (0.54, 0.82)	34	0.2 (0.03, 0.45)	32
KLK6	0.66 (0.53, 0.79)	35	0.42 (0.17, 0.58)	9
CCL19	0.66 (0.5, 0.79)	36	0.18 (0.03, 0.41)	37
CSTB	0.65 (0.49, 0.78)	37	0.17 (0.02, 0.38)	39
CSF.1	0.65 (0.47, 0.82)	38	0.08 (0, 0.36)	67
CXCL11	0.65 (0.49, 0.8)	39	0.14 (0, 0.47)	43
PDGF.subunit.B	0.65 (0.48, 0.84)	40	0.23 (0.08, 0.42)	22
VIM	0.64 (0.48, 0.81)	41	0.04 (0, 0.2)	79
IL.1ra	0.64 (0.48, 0.79)	42	0.05 (0.01, 0.19)	74
FasL	0.64 (0.47, 0.85)	43	0.03 (0, 0.42)	80

TNF.R1	0.63 (0.46, 0.79)	44	0.2 (0.05, 0.44)	31
VEGFR.2	0.63 (0.47, 0.77)	45	0.09 (0.01, 0.26)	61
FS	0.63 (0.48, 0.81)	46	0.1 (0.02, 0.33)	56
ITGA1	0.63 (0.48, 0.8)	47	0.12 (0.02, 0.38)	48
TRAIL.R2	0.63 (0.48, 0.8)	48	0.21 (0.04, 0.49)	26
IFN.gamma	0.63 (0.48, 0.76)	49	0.23 (0.01, 0.5)	23
IL.17RB	0.63 (0.44, 0.79)	50	0.03 (0, 0.18)	82
IL.8	0.62 (0.46, 0.79)	51	0.28 (0.11, 0.51)	17
HB.EGF	0.62 (0.47, 0.79)	52	0.1 (0.01, 0.34)	58
PTPN22	0.62 (0.45, 0.77)	53	0.02 (0, 0.13)	87
SELE	0.61 (0.46, 0.78)	54	0.05 (0.01, 0.23)	75
CASP.3	0.61 (0.46, 0.77)	55	0.11 (0.01, 0.35)	53
THPO	0.61 (0.44, 0.74)	56	0.2 (0.01, 0.48)	33
CDKN1A	0.61 (0.44, 0.74)	57	0.25 (0.01, 0.5)	19
AM	0.61 (0.44, 0.78)	58	0.22 (0.08, 0.44)	25
GH	0.61 (0.44, 0.78)	59	0.14 (0.03, 0.38)	45
TNF.R2	0.6 (0.43, 0.75)	60	0.23 (0.05, 0.46)	24
IL.2	0.6 (0.41, 0.71)	61	0.36 (0, 0.58)	14
CXCL10	0.6 (0.44, 0.77)	62	0.13 (0.01, 0.4)	47
CAIX	0.59 (0.43, 0.74)	63	0.21 (0.03, 0.43)	30
PARK7	0.59 (0.43, 0.75)	64	0.09 (0.01, 0.3)	59
NEMO	0.59 (0.42, 0.76)	65	0.06 (0, 0.29)	71
EMMPRIN	0.59 (0.43, 0.76)	66	0.08 (0, 0.31)	69
REG.4	0.59 (0.41, 0.74)	67	0.12 (0.02, 0.29)	50
PIGF	0.58 (0.41, 0.72)	68	0.13 (0.02, 0.32)	46
EZR	0.58 (0.4, 0.74)	69	0.12 (0.01, 0.35)	51
BAFF	0.57 (0.42, 0.73)	70	0.08 (0, 0.27)	68
EPO	0.56 (0.36, 0.68)	71	0 (0, 0.1)	92
MIA	0.56 (0.4, 0.71)	72	0.06 (0.01, 0.23)	70
MYD88	0.55 (0.37, 0.7)	73	0.05 (0, 0.26)	76
CEA	0.55 (0.4, 0.76)	74	0.02 (0, 0.32)	85
ErbB4.HER4	0.55 (0.33, 0.68)	75	0.29 (0.03, 0.49)	16
MCP.1	0.54 (0.36, 0.69)	76	0.05 (0, 0.2)	73
MIC.A	0.53 (0.33, 0.68)	77	0.01 (0, 0.09)	89
TNFRSF4	0.53 (0.36, 0.71)	78	0.25 (0.09, 0.45)	20
ErbB2.HER2	0.53 (0.37, 0.7)	79	0.09 (0.01, 0.27)	64
IL.12	0.53 (0.36, 0.72)	80	0.12 (0.02, 0.29)	49
IL.6RA	0.53 (0.36, 0.7)	81	0.11 (0.02, 0.26)	54
FAS	0.53 (0.34, 0.68)	82	0.12 (0.01, 0.28)	52
TIE2	0.52 (0.37, 0.7)	83	0.01 (0, 0.15)	91
ErbB3.HER3	0.52 (0.35, 0.71)	84	0.01 (0, 0.16)	88
PECAM.1	0.52 (0.35, 0.7)	85	0.02 (0, 0.18)	83
TR.AP	0.51 (0.33, 0.69)	86	0.02 (0, 0.14)	84
TNF	0.51 (0.33, 0.64)	87	0.01 (0, 0.24)	90
CXCL5	0.51 (0.35, 0.67)	88	0.04 (0, 0.26)	78
eIF.4B	0.5 (0.33, 0.66)	89	0.1 (0, 0.28)	57
Flt3L	0.5 (0.32, 0.67)	90	0.09 (0.01, 0.26)	63
CXCL9	0.5 (0.33, 0.68)	91	0.05 (0, 0.33)	72
VEGF.D	0.5 (0.35, 0.69)	92	0.02 (0, 0.11)	86