

Additional file 5.

Protein	AUC (95% CI)	Rank	Sensitivity at 95% Specificity (95% CI)	Rank
HE4	0.87 (0.76, 0.96)	1	0.6 (0.37, 0.88)	1
CA.125	0.87 (0.73, 0.97)	2	0.46 (0.13, 0.93)	3
hK11	0.79 (0.67, 0.89)	3	0.38 (0.15, 0.65)	9
PRSS8	0.78 (0.64, 0.89)	4	0.44 (0.2, 0.7)	4
IL.6	0.75 (0.65, 0.86)	5	0.54 (0.28, 0.7)	2
MK	0.72 (0.57, 0.85)	6	0.37 (0.13, 0.61)	11
CXCL13	0.71 (0.53, 0.85)	7	0.39 (0.16, 0.66)	7
CXCL10	0.71 (0.57, 0.85)	8	0.35 (0.14, 0.62)	13
EZR	0.7 (0.55, 0.83)	9	0.33 (0.11, 0.56)	14
CSTB	0.7 (0.53, 0.85)	10	0.21 (0.01, 0.62)	23
FR.alpha	0.69 (0.56, 0.81)	11	0.39 (0.08, 0.62)	8
VEGF.A	0.69 (0.52, 0.84)	12	0.37 (0.19, 0.6)	10
KLK6	0.69 (0.54, 0.8)	13	0.41 (0.11, 0.63)	5
FUR	0.68 (0.53, 0.83)	14	0.16 (0.04, 0.42)	34
CSF.1	0.68 (0.5, 0.83)	15	0.14 (0.01, 0.41)	42
AM	0.68 (0.5, 0.82)	16	0.26 (0.07, 0.54)	18
LYN	0.67 (0.56, 0.79)	17	0.39 (0.05, 0.59)	6
ICOSLG	0.67 (0.51, 0.82)	18	0.19 (0.02, 0.47)	28
CDH3	0.67 (0.51, 0.83)	19	0.35 (0.21, 0.6)	12
CXCL9	0.66 (0.49, 0.82)	20	0.28 (0.09, 0.57)	16
ILT.3	0.66 (0.5, 0.82)	21	0.17 (0.02, 0.49)	32
GDF.15	0.66 (0.49, 0.84)	22	0.1 (0, 0.54)	51
IFN.gamma	0.65 (0.5, 0.79)	23	0.26 (0.01, 0.55)	17
EGFR	0.65 (0.49, 0.8)	24	0.1 (0.01, 0.37)	56
MCP.1	0.65 (0.48, 0.81)	25	0.09 (0, 0.36)	58
MIA	0.65 (0.46, 0.81)	26	0.2 (0.06, 0.44)	25
EMMPRIN	0.65 (0.47, 0.78)	27	0.11 (0.02, 0.34)	49
Ep.CAM	0.64 (0.45, 0.8)	28	0.18 (0.02, 0.45)	30
FS	0.64 (0.47, 0.81)	29	0.12 (0.01, 0.56)	44
PARK7	0.63 (0.47, 0.77)	30	0.21 (0.07, 0.41)	24
Flt3L	0.63 (0.47, 0.8)	31	0.1 (0.01, 0.31)	52
TRAIL.R2	0.63 (0.46, 0.81)	32	0.08 (0, 0.44)	61
CAIX	0.63 (0.46, 0.82)	33	0.11 (0, 0.64)	48
REG.4	0.63 (0.45, 0.78)	34	0.16 (0.01, 0.43)	33
TNF.R1	0.62 (0.46, 0.8)	35	0.15 (0.01, 0.46)	37
FAS	0.62 (0.43, 0.83)	36	0.14 (0.01, 0.51)	41
ErbB2.HER2	0.62 (0.44, 0.81)	37	0.21 (0.02, 0.55)	22
IL.8	0.61 (0.43, 0.82)	38	0.06 (0, 0.42)	64
ErbB4.HER4	0.61 (0.45, 0.74)	39	0.32 (0.05, 0.52)	15
AR	0.61 (0.42, 0.81)	40	0.04 (0, 0.35)	71
TGF.alpha	0.6 (0.43, 0.76)	41	0.03 (0, 0.2)	79
PRL	0.6 (0.44, 0.77)	42	0.11 (0.01, 0.38)	50
IL.1ra	0.6 (0.43, 0.81)	43	0.1 (0.02, 0.33)	55

MMP.1	0.59 (0.44, 0.76)	44	0.14 (0.04, 0.33)	38
CASP.3	0.59 (0.43, 0.76)	45	0.16 (0.04, 0.36)	35
PECAM.1	0.59 (0.41, 0.77)	46	0.01 (0, 0.09)	90
VEGFR.2	0.59 (0.41, 0.78)	47	0.02 (0, 0.26)	87
TNF.R2	0.59 (0.4, 0.74)	48	0.14 (0.01, 0.46)	39
GH	0.59 (0.42, 0.77)	49	0.12 (0.01, 0.43)	46
FasL	0.59 (0.41, 0.76)	50	0.05 (0, 0.21)	68
PIGF	0.59 (0.39, 0.79)	51	0.06 (0, 0.42)	65
TR.AP	0.58 (0.42, 0.77)	52	0.02 (0, 0.25)	82
HGF	0.58 (0.4, 0.78)	53	0.07 (0, 0.48)	62
EPO	0.58 (0.4, 0.74)	54	0.02 (0, 0.1)	85
CDKN1A	0.58 (0.39, 0.72)	55	0.22 (0, 0.48)	20
TNFRSF4	0.58 (0.4, 0.74)	56	0.17 (0.03, 0.43)	31
FADD	0.58 (0.41, 0.72)	57	0.15 (0.02, 0.35)	36
THPO	0.58 (0.4, 0.73)	58	0.22 (0.03, 0.45)	19
ErbB3.HER3	0.58 (0.42, 0.75)	59	0.14 (0.02, 0.39)	40
IL.7	0.57 (0.41, 0.74)	60	0.2 (0.05, 0.43)	26
CCL19	0.57 (0.42, 0.77)	61	0.05 (0, 0.45)	67
HB.EGF	0.57 (0.39, 0.7)	62	0.11 (0.01, 0.31)	47
SCF	0.56 (0.39, 0.77)	63	0.02 (0, 0.5)	84
CD69	0.56 (0.4, 0.71)	64	0.1 (0.01, 0.3)	53
CEA	0.56 (0.38, 0.73)	65	0.03 (0, 0.24)	81
TIE2	0.56 (0.35, 0.71)	66	0.04 (0, 0.15)	73
NTRK3	0.56 (0.39, 0.74)	67	0.05 (0.01, 0.23)	66
PDGF.subunit.B	0.55 (0.36, 0.7)	68	0.19 (0.01, 0.41)	29
SELE	0.55 (0.37, 0.75)	69	0.02 (0, 0.17)	86
TF	0.55 (0.38, 0.72)	70	0.09 (0.01, 0.28)	57
U.PAR	0.55 (0.37, 0.72)	71	0.03 (0, 0.16)	76
IL.6RA	0.55 (0.37, 0.71)	72	0.1 (0.01, 0.34)	54
ITGA1	0.55 (0.38, 0.72)	73	0.2 (0.05, 0.44)	27
LAP.TGF.beta.1	0.54 (0.36, 0.7)	74	0.08 (0.01, 0.27)	60
PTPN22	0.54 (0.36, 0.75)	75	0.03 (0, 0.25)	77
IL.2	0.54 (0.37, 0.72)	76	0.06 (0, 0.62)	63
CXCL11	0.54 (0.37, 0.72)	77	0.04 (0, 0.42)	72
eIF.4B	0.53 (0.34, 0.69)	78	0.13 (0.01, 0.34)	43
IL.12	0.53 (0.36, 0.71)	79	0.12 (0.03, 0.29)	45
MIC.A	0.52 (0.36, 0.69)	80	0.03 (0, 0.19)	75
MYD88	0.52 (0.34, 0.68)	81	0.08 (0, 0.38)	59
TNF	0.52 (0.37, 0.7)	82	0.05 (0, 0.62)	69
BAFF	0.52 (0.38, 0.76)	83	0.01 (0, 0.38)	91
LITAF	0.52 (0.33, 0.69)	84	0.01 (0, 0.13)	88
VE.statin	0.52 (0.32, 0.68)	85	0.01 (0, 0.14)	89
IL.17RB	0.52 (0.34, 0.69)	86	0.01 (0, 0.11)	92
CD40.L	0.52 (0.3, 0.66)	87	0.22 (0, 0.45)	21
TNFSF14	0.52 (0.32, 0.69)	88	0.03 (0, 0.16)	78
VIM	0.51 (0.31, 0.67)	89	0.03 (0, 0.11)	80
VEGF.D	0.51 (0.34, 0.71)	90	0.03 (0, 0.14)	74
NEMO	0.5 (0.32, 0.67)	91	0.02 (0, 0.11)	83
CXCL5	0.5 (0.33, 0.67)	92	0.05 (0, 0.15)	70