

Table S4.

Node	Metric	pval (t-test)	pval (Wilcox)	AUC of ROC	Mean Signal CR	Mean Signal NR
Jak/Stat Pathway Nodes						
G-CSF → p-Stat3	Total	0.056	0.050	0.72	1.66	2.70
G-CSF → p-Stat3	Fold	0.091	0.111	0.68	0.81	1.48
G-CSF → p-Stat5	Fold	0.038	0.072	0.71	0.47	1.13
IFNα → p-Stat1	Fold	0.017	0.030	0.75	0.55	0.78
IFNγ → p-Stat1	Total	0.054	0.055	0.72	0.76	1.26
IFNγ → p-Stat1	Fold	0.039	0.072	0.71	0.53	0.90
IL-10 → p-Stat3	Total	0.001	0.002	0.84	0.82	1.69
IL-27 → p-Stat1	Total	0.001	0.003	0.83	0.41	0.82
IL-27 → p-Stat3	Total	0.000	0.000	0.90	1.07	1.86
IL-6 → p-Stat3	Total	0.001	0.015	0.77	1.08	1.84
IL-6 → p-Stat3	Fold	0.082	0.329	0.61	0.17	0.50
Basal p-Stat3	Total	0.005	0.005	0.81	0.89	1.33
Basal p-Stat6	Total	0.008	0.019	0.76	0.62	0.96
PI3K Pathway Nodes						
FLT3L → p-Akt	Fold	0.003	0.004	0.82	0.18	0.64
FLT3L → p-Erk	Fold	0.056	0.053	0.72	0.13	0.32
FLT3L → p-S6	Total	0.057	0.397	0.60	0.60	1.15
FLT3L → p-S6	Fold	0.026	0.154	0.66	0.28	0.81
SCF → p-Akt	Total	0.053	0.202	0.65	0.62	1.09
SCF → p-Akt	Fold	0.018	0.007	0.81	0.12	0.57
SCF → p-S6	Total	0.038	0.355	0.61	0.43	0.85
SCF → p-S6	Fold	0.055	0.163	0.66	0.11	0.51
PMA → p-Erk	Fold	0.063	0.079	0.70	1.54	2.02
PMA → p-S6	Total	0.083	0.151	0.67	1.46	1.98
SDF-1α → p-Akt	Total	0.045	0.120	0.68	0.57	1.04
SDF-1α → p-Akt	Fold	0.025	0.067	0.71	0.20	0.53
Thapsigargin → p-S6	Total	0.018	0.045	0.73	0.31	0.68
Basal → p-Erk	Total	0.028	0.015	0.77	1.69	2.09