

Supplemental Table 1

	Patient samples								
	Breast			Colon			Lung		
	Fold	HR-RFS	p-value	Fold	HR-RFS	p-value	Fold	HR-PFS	p-value
EIF4E3	-2.5564525	0.53234	0	-4.619756	0.79842	0.13583	-1.81396	0.48695	0.00003
CPEB1	-2.1523921	0.59939	0	-3.159394	2.04875	0	-2.38571	1.62977	0.00036
ZCCHC24	-3.5232604	0.62021	0	-2.070704	1.43226	0.00344	-1.831314	0.63161	0.00001
RBMS3	-5.6088142	0.62889	0	-4.879803	1.76292	0.00068	-2.170773	0.39223	0
VAR52	1.5735226	0.67179	0	1.529402	0.53876	0.00111	1.524821	1.49854	0.00309
RBM20	-2.4706635	0.72344	0.00017	-4.786881	1.14485	0.39185	-2.121974	0.83619	0.2451
ZNF239	2.0658677	0.73694	0	3.124806	0.70262	0.00307	1.782467	1.79384	0
MSI2	2.7480783	0.78904	0.00445	2.574227	0.55226	0.00073	2.460587	1.63675	0.0015
SMAD9	-2.2608936	0.79047	0.01363	-2.207682	0.71869	0.06027	-2.813829	0.4828	0
METTL1	1.7511885	0.80348	0.00013	2.294277	0.68486	0.001	1.690236	1.87869	0
PTRF	-4.0403996	0.80427	0.00008	-2.431634	1.74189	0	-1.762846	0.86587	0.19517
KCTD12	-3.8652518	0.8185	0.00056	-3.226743	1.28145	0.03044	-1.736918	0.52706	0
PPARGC1B	-1.9268708	0.82011	0.01108	-3.055817	0.62334	0.00072	-2.537169	0.59805	0.0007
CSRP1	-2.6758204	0.84281	0.00494	-2.621392	2.19912	0	-1.572949	0.59404	0
TDRKH	2.3332734	0.87318	0.08573	1.82257	0.80404	0.1335	2.859908	0.75999	0.04739
DDX43	-3.4715905	0.88211	0.03074	-2.270396	0.90094	0.40216	-2.164794	0.87977	0.20069
NCBP2	2.0674076	0.8914	0.04455	1.78995	0.70218	0.0108	1.600946	0.73028	0.0028
PPARGC1A	-5.3454933	0.91793	0.1245	-5.251657	0.73048	0.02729	-3.97437	0.66926	0.00058
LSM12	1.7422183	1.096	0.13299	1.660524	0.6384	0.0001	1.521417	0.72419	0.00331
RANBP17	1.7121521	1.12989	0.04236	1.738862	0.62177	0.00004	1.780546	1.36201	0.00173
RBPM52	-2.594975	1.17867	0.03901	-4.221487	1.8345	0.00001	-2.857008	0.68175	0.00607
ZC3H12C	-2.633514	1.18293	0.04889	-3.340949	0.56872	0.00012	-1.812043	0.52084	0.00008
CDKN2A	2.317773	1.21884	0.00084	3.791205	1.54379	0.00051	2.792538	1.32031	0.0075
CCDC137	1.8659058	1.32842	0.00028	1.684724	0.76802	0.07674	1.526315	1.54548	0.00568
BRCA1	1.967411	1.42034	0	1.84318	0.52604	0	1.652428	1.59155	0
MEX3A	2.8456798	1.43011	0	4.859792	1.44525	0.0094	1.980403	1.62685	0.00045
DKC1	1.5073702	1.43726	0	2.791593	0.63762	0.00017	1.579109	0.73824	0.00243
HDGF	2.8803022	1.44101	0	1.83921	0.77977	0.03315	1.631098	1.69849	0.00001
VAR5	1.6565965	1.4678	0	1.585115	1.22664	0.08847	1.541602	1.26068	0.02947
BYSL	1.7807758	1.49473	0	2.248924	0.82533	0.09083	1.699456	1.69909	0.00001
NME1	1.642789	1.54152	0	1.815166	0.58585	0	2.143543	1.91581	0
EZH2	4.5005193	1.65722	0	2.346378	0.50185	0	2.223194	1.38317	0.00104
TUBB2B	-4.0020413	0.83	0.0008	1.66029	1.31	0.019	1.921708	1.22	0.045
RNASE1	-1.7405324	1.42	7.4E-11	-2.035641	1.52	0.00024	1.522226	0.7	0.00034
PTBP2	-1.6146665	0.84	0.0071	-1.775193	1.11	0.38	1.50383	0.61	0.000032
CNOT1	1.5107083	0.84	0.0028	1.505186	0.85	0.18	1.666359	2	6.9E-12
TIA1	1.5232474	0.79	0.00001	1.789311	0.66	0.00062	1.597316	0.53	2.4E-07
SFN	1.5314347	1.51	6.5E-13	-2.154814	0.88	0.27	3.499593	1.38	0.002
UBE2I	1.552005	0.71	2.7E-09	1.694966	1.23	0.13	1.541654	0.42	7.6E-13
RBM47	1.5552849	0.7	1.7E-09	-2.404597	0.65	0.00027	1.51667	0.67	0.00022
HEATR1	1.5631014	0.79	0.002	1.965947	0.52	1.3E-07	1.505009	1.4	0.021
FLNB	1.582657	0.64	1.7E-15	1.602078	1.31	0.024	1.98022	0.67	0.00044
SECISBP2L	1.6482694	1.15	0.023	-3.23646	1.51	0.00036	-1.865011	0.67	0.0012
RPL39L	1.6922513	1.54	1.9E-14	1.72875	1.23	0.13	2.247436	1.7	7.3E-08
GSPT1	1.7117828	0.65	2.7E-08	1.804728	0.7	0.0026	1.636707	0.49	0.000066
EPRS	1.7460929	1.58	1.00E-16	1.511292	0.74	0.015	1.594859	0.63	0.00016
SSR1	1.759067	0.78	0.002	1.523605	0.73	0.014	1.740543	0.54	0.00004
KIAA1324	1.7619578	0.63	4.4E-16	-3.280084	0.53	5.6E-07	2.993405	0.76	0.01
SYNCRIP	1.7750144	1.57	1.00E-16	1.70378	0.7	0.002	1.60214	0.62	0.000056
SNRPE	1.8730097	0.82	0.012	1.96655	0.69	0.0044	1.588003	0.55	0.00081
WDR5	1.8811277	1.06	0.43	1.970459	0.53	1.3E-07	1.501066	1.3	0.059
LRRC59	2.1593196	1.54	1.9E-14	1.662044	0.53	0.000012	1.663421	1.4	0.0033
APOBEC3B	2.973276	1.63	1.00E-16	-3.119116	0.87	0.26	1.596806	1.12	0.27
HIST1H1E	3.0772972	1.19	0.0011	-1.791133	1.41	0.0037	1.565853	0.78	0.01
HIST1H1C	3.1830142	1.33	5.5E-07	-4.371268	1.46	0.0014	1.768493	1.29	0.02
HIST1H1D	3.3739192	1.11	0.094	1.664465	0.81	0.084	2.204443	1.52	0.000032
OASL	3.648853	0.85	0.0035	-2.218563	1.27	0.068	-1.741941	1.91	3.5E-11
DQX1	4.0624804	1.15	0.078	-3.05542	0.78	0.053	1.580043	1.49	0.0051