

Table S1. Correlations between Mre11, Rad50 and Nbs1 protein and mRNA.

Cell lines of the NCI60 panel were lysed and analyzed for expression of Mre11, Rad50 and Nbs1 as shown in Figure 2. Western blots were scanned and levels of each protein were compared to a dilution series of MDA-MB-231. mRNA levels were obtained from the NCI Developmental Therapeutics Program database (<http://dtp.nci.nih.gov>; experiment ID# 223469). Expression levels were normalized to MDA-MB-231 = 1, for each protein. The values presented in this table are graphically represented in Figure 2 of the paper.

CELL LINE	PROTEIN			mRNA		
	MRE11	RAD50	NBS1	MRE11	RAD50	NBS1
CCRF-CEM	0.85	0.81	1.72	0.68	1.24	0.96
HL-60	0.17	0.31	0.35	0.75	0.82	0.70
K-562	1.03	2.87	1.27	0.92	0.67	1.08
MOLT-4	0.47	0.44	0.85	0.64	0.81	1.43
RPMI-8226	0.47	1.20	1.07	0.65	1.01	1.09
SR	0.37	1.02	1.16	0.57	2.17	1.29
A549	0.58	1.15	1.60	0.50	0.98	1.45
EKVX	1.23	2.63	1.89	1.45	0.74	0.96
HOP-62	0.42	0.68	0.99	0.25	0.50	0.67
HOP-92	0.46	0.40	0.43	0.40	1.39	1.15
NCI-H226	1.03	0.98	0.97	0.69	0.93	0.85
NCI-H23	1.16	1.65	2.18	0.86	1.05	1.94
NCI-H322M	1.24	1.35	1.73	1.10	0.97	1.72
NCI-H460	0.49	0.52	0.44	0.56	1.20	1.23
NCI-H522	0.91	1.33	0.56	0.68	0.41	0.69
COLO205	0.69	1.14	1.34	0.64	0.62	1.33
HCC2998	1.83	3.11	1.96	0.69	1.14	1.06
HCT-116	0.07	0.24	0.19	0.38	0.74	0.86
HCT-15	0.45	0.46	0.63	0.58	0.30	0.78
HT29	1.84	1.66	1.00	0.95	1.17	1.37
KM12	0.33	0.29	0.91	0.41	0.19	1.16
SW-620	0.63	0.23	0.89	1.00	0.85	1.20
SF-268	1.35	0.73	0.38	0.78	0.39	0.63
SF-295	1.31	1.20	0.92	0.55	1.33	0.95
SF-539	0.98	0.85	0.83	0.30	0.27	1.21
SNB-19	0.50	0.68	0.33	0.39	0.74	0.55
SNB-75	1.29	1.02	0.81	0.51	0.93	0.55
U251	0.07	0.23	0.35	0.57	0.78	0.60
LOX IMVI	0.41	0.95	1.24	0.88	0.82	1.12
MALME-3M	0.17	0.29	0.72	0.35	0.45	1.37

M14	0.55	0.52	0.77	0.94	0.94	0.55
SK-MEL-2	0.19	0.38	0.58	0.25	0.99	0.67
SK-MEL-28	0.43	0.63	0.73	0.65	0.49	0.87
SK-MEL-5	0.27	0.34	0.59	0.69	0.77	1.06
UACC257	1.22	1.81	1.06	1.20	0.72	1.03
UACC62	0.26	0.30	0.52	0.36	0.15	0.89
IGROV1	0.19	0.25	0.47	0.05	0.12	1.35
OVCAR-3	0.48	0.96	0.99	0.42	0.53	0.75
OVCAR-4	1.50	1.59	1.16	1.38	1.45	0.87
OVCAR-5	0.86	1.60	1.31	0.44	1.58	1.68
OVCAR-8	1.03	0.66	0.77	1.23	0.89	1.89
SK-OV-3	0.39	1.07	0.71	0.34	0.93	1.01
786-0	0.41	0.70	0.62	0.38	1.24	1.68
A498	0.26	0.36	0.33	0.28	1.42	1.86
ACHN	0.39	0.51	0.65	0.40	1.00	1.02
CAKI-1	0.40	0.33	0.45	0.20	1.02	1.78
RXF393	0.29	0.54	0.33	0.61	1.10	2.42
SN12C	0.29	0.40	0.44	0.37	0.72	0.81
TK-10	0.21	0.27	0.43	0.37	0.87	0.75
UO-31	0.53	0.65	0.62	1.13	0.85	1.85
PC-3	0.46	0.33	0.47	0.51	0.15	0.99
DU145	0.48	0.71	0.81	0.42	0.66	1.06
MCF7	0.77	1.11	0.53	0.70	1.16	1.66
ADR-RES	0.57	0.60	1.10	1.16	0.34	1.69
HS 578T	0.30	0.67	0.47	1.20	1.19	1.34
MDA-MB-435	0.84	1.12	2.16	0.71	1.18	1.02
BT549	0.30	0.73	0.84	0.22	0.94	1.29
T47D	1.24	1.08	2.42	1.17	1.61	1.34
MDA-MB-231	1.00	1.00	1.00	1.00	1.00	1.00