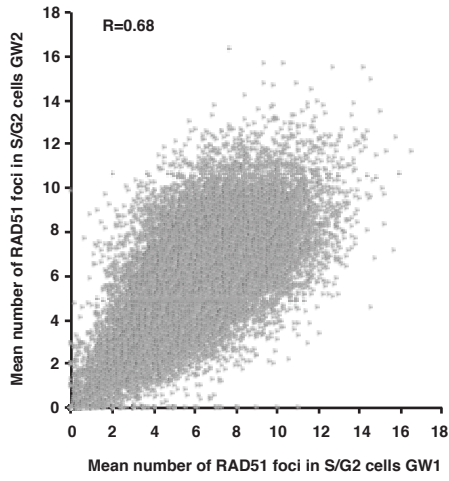
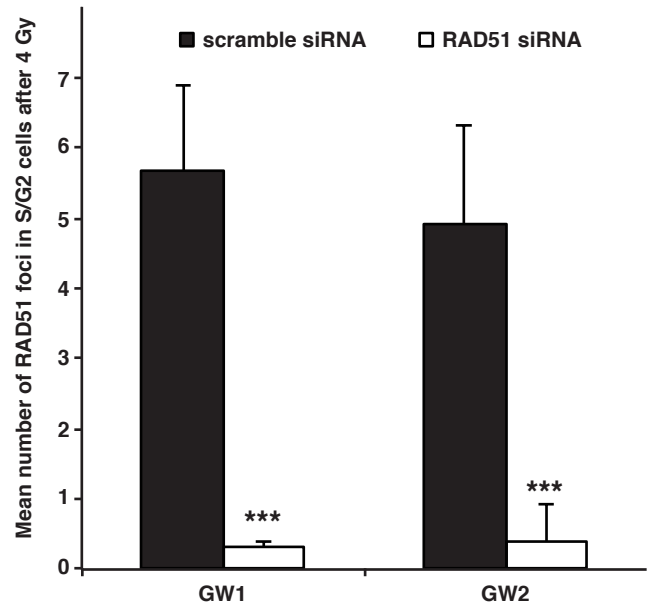


Figure S1

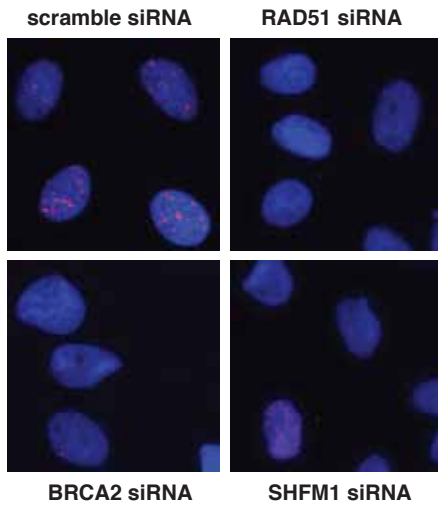
**A**



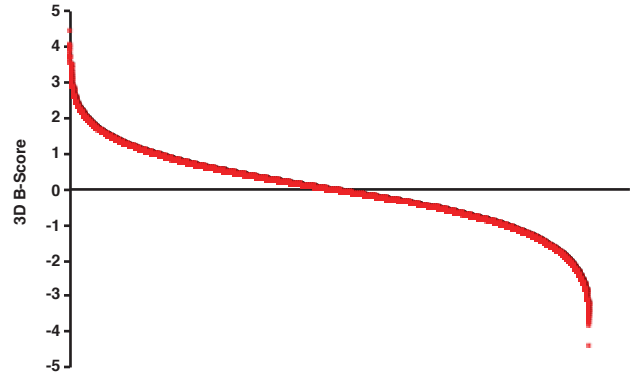
**B**



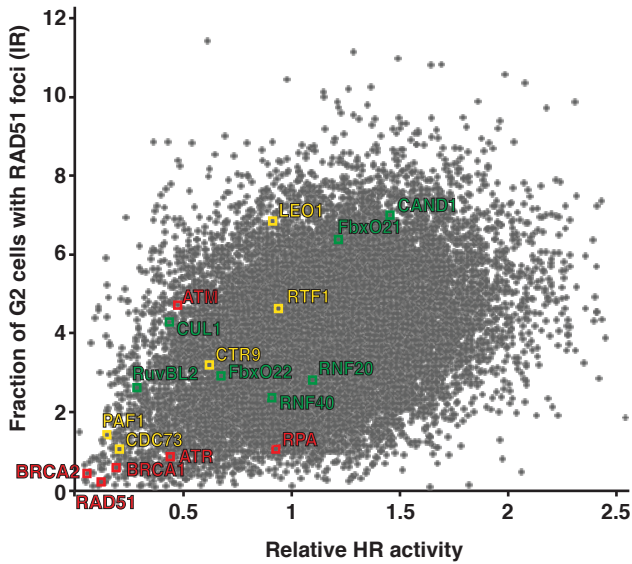
**C**



**D**



**E**



**F**

Gene	DR-GFP	mean # RAD51 Foci	HR-score
SF3B4	0.082829	0.119470	0.009895
BRCA2	0.052095	0.217128	0.011311
RAD51	0.011311	0.124396	0.013583
CDC40	0.047091	0.291220	0.013713
SIN3B	0.054539	0.440319	0.024014
DPH2	0.186258	0.135312	0.025203
PSMD8	0.121469	0.234734	0.028511
TRIP11	0.020156	1.499243	0.030219
SHFM1	0.046376	0.655427	0.030396
PALB2	0.142257	0.218451	0.031076
BARD1	0.139320	0.228035	0.031770
USPL1	0.300251	0.110397	0.033146
SF3B1	0.071327	0.492146	0.035103
RPL14	0.370422	0.106621	0.039495
SF3B3	0.240600	0.164462	0.039569
CCNB3	0.086165	0.467622	0.040293
RPL6	0.309148	0.148207	0.045818
BRCA1	0.146492	0.324264	0.047502
RBMX	0.069205	0.743094	0.051426
G6PC3	0.150233	0.347222	0.052164

**G**

