

S1 Table. Homologous alignment of yeast and human Rad52.

Name	Sequence
Pri-1	CCCAGATCTCAAAGAACCGACCCTGCTGGGCTTTCATACCGCGAGCGGC
Pri-2	CCCGGATCCCTGTTCTTTTTCATCAAACAGGTTTTTCACTTTATCCAGGCTTTCTTTCGCAATTTTCACTTTTTTGCCGCTCGCGGT
Pri-3	CCCCATATGATGAATGAAATTATGGATATGGATGAG
Pri-4	CCCCTCGAGCTGTTCTTTTTCATCAAACAGGT
Pri-5	CCCCATATGATGAATGAAATTATGGATATGGATGAG
Pri-6	TTTGGATCCTTCTCTGTCTGTTAAACATTACTG
Pri-7	CACCCGCATATGATGAATGAAATTATGGATATG
Pri-8	AAACTCGAGTCAGCTAATTAAGCTTAGTGATG
Pri-9	AAACATATGATGTCTGGGACTGAGGAAGCAATTCT
Pri-10	TTTCTCGAGAGATGGATCATATTTCTTTTCTTCATG
Pri-11	TTTCTCGAGGGATCCCGCTGCCTCACTCTTCTC
BRC3 (hybridized)	GATCCCTTTGAAACCAGCGATACCTTTTTTTCAGACCGCGAGCGGCAA AAACATTAGCGTGCCGAAAGAAAGCTTTAACAAAATTGTGAACTTTTT TGATCAGAAACCGGAACA
	TATGTTCCGGTTTCTGATCAAAAAAGTTCACAATTTTGTTAAAGCTTTC TTTCGCCACGCTAATGTTTTTGCCGCTCGCGGTCTGAAAAAGGTATC GCTGGTTTCAAAGG
BRC4a (hybridized)	TATGAAAGAACCGACCCTGCTGGGCTTTCATACCGCGAGCGGCAAAA AAGTGAAAATTGCGAAAGAAAGCCTGGATAAAGTGAAAAACCTGTTTG ATGAAAAAGAACAGC
	TCGAGCTGTTCTTTTTTTCATCAAACAGGTTTTTCACTTTATCCAGGCTTT CTTTCGCAATTTTCACTTTTTTGCCGCTCGCGGTATGAAAGCCCAGCA GGGTCCGTTCTTTCA
BRC4b (hybridized)	GATCTAAAGAACCGACCCTGCTGGGCTTTCATACCGCGAGCGGCAAAA AAAGTGAAAATTGCGAAAGAAAGCCTGGATAAAGTGAAAAACCTGTTT GATGAAAAAGAACAGG
	GATCCCTGTTCTTTTTTTCATCAAACAGGTTTTTCACTTTATCCAGGCTTT CTTTCGCAATTTTCACTTTTTTGCCGCTCGCGGTATGAAAGCCCAGCA GGGTCCGTTCTTTA
TSO252	TGGTTGAGTACTACCCAGTCACAGAAAAGCATCTTACGGATGGCATG ACAGTAAGAGAATTATGCAGTGC
TSO253	GCACTGCATAATTCTCTTACTGTCATGCCATCCGTAAGATGCTTTTCT GTGACTGGTGAGTACTCAACCA