

Table S3 Primers

Primer Name	Sequence
BRCA1_00284.0	tcgagtgcgggatctGAAAAGTATCAGGGTAGTTCTGTTTCAAAC TTGnnnGTGGAGCCATGTGGCACAAATACTagatcactgaggag a
JKR18	tctcctcagtgatct
JKL18	tcgagtgcgggatct
JKR18U	tctcctcagtgatcu
jKA0360_bbL8Lf	CGTTACAGTTCTGCGATTGATC agatggcggatccggcggc
jKA0306_bbLr	/5Phos/TTTATGCTTCCGGCTCGTAT
jKA0307x_bbRf	/5Phos/acgatctatccagattcatgcactactacagcatcagt AATTCTGGGGGAAGTGGTG
jKA0308x_bbRrbc	GGAAGAGCTCAAGGCAGGTC aagctt NNNNNNNNNNNNNNNNNN TCATCTATTTA gaaCtcagccttttctacattca
L8	CGTTACAGTTCTGCGATTGATC
JKL18U	tcgagtgcgggatcu
W-E4B-subassembly-linker	CGGTCTCGGCATTCTGCTGAACCGCTCTTCCGATCT
C-E4B-subassembly-linker	GATCGGAAGAGCGGTTCCAGCAGGAATGCCGAGACCG
newBRCA1-side_F_CG1	AATGATACGGCGACCACCGAGATCTACACGCAGGCGGCCG CACTAGTGATccggAAGCTT
BRCA1-side_R_CG2	CAAGCAGAAGACGGCATAACGAGATactgacacCGGTCTCGGC ATTCTGCTGAACCGCTCTTCCGATCT
jKA0390_BBcplxcheckF	CTAAATGGCTGTGAGAGAGCTCAGaaggctgaGttcTAAATAG ATGA
E4B-index01_CG-R	CAAGCAGAAGACGGCATAACGAGATAAAACCCCCC AAG GGG TTA ACT AGT TAC TCG AGT GCG G
E4B-index02_CG-R	CAAGCAGAAGACGGCATAACGAGATTTTTCCCCCCCC AAG GGG TTA ACT AGT TAC TCG AGT GCG G
E4B-index03_CG-R	CAAGCAGAAGACGGCATAACGAGATCCCCAAAACCC AAG GGG TTA ACT AGT TAC TCG AGT GCG G
E4B-index04_CG-R	CAAGCAGAAGACGGCATAACGAGATGGGGAAAACCC AAG GGG TTA ACT AGT TAC TCG AGT GCG G
E4B-index05_CG-R	CAAGCAGAAGACGGCATAACGAGATCACCACCACCC AAG GGG TTA ACT AGT TAC TCG AGT GCG G
E4B-index06_CG-R	CAAGCAGAAGACGGCATAACGAGATGTGGTGGTCCC AAG GGG TTA ACT AGT TAC TCG AGT GCG G
E4B-index07_CG-R	CAAGCAGAAGACGGCATAACGAGATTCATCATCCCC AAG GGG TTA ACT AGT TAC TCG AGT GCG G
E4B-index08_CG-R	CAAGCAGAAGACGGCATAACGAGATACTGACTGCCC AAG GGG TTA ACT AGT TAC TCG AGT GCG G
JK19	AATGATACGGCGACCACCGAGATCTACACacgtaggcCTAAAT GGCTGTGAGAGAGCTCAG

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NexV2ad2_A1	CAAGCAGAAGACGGCATACGAGATTACGAAGTCGTCTCGT GGGCTCGGAGATGTGTATAAGAGACAG
SpeI_Gal4DBD_F	atcgatactagtgccgccacatgaagctactgtcttctatcg
SpeI_Gal4DBD_R	tagaatactagtgcgatacagtcactgtctttg
EcoRI_BARD_Ln_F	atcgtcgaattcgggggaagtgggtg
NcoI_BARD_Stop_R	tgacgtccatggctaattcttcttcaaatctgacagc
BRCA1- Y2H_commonLinker_R	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGATGGGA TGTGCTGCAAGGCGATTAAG