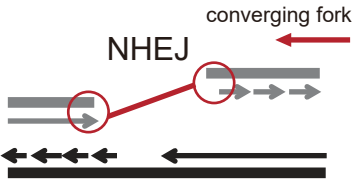
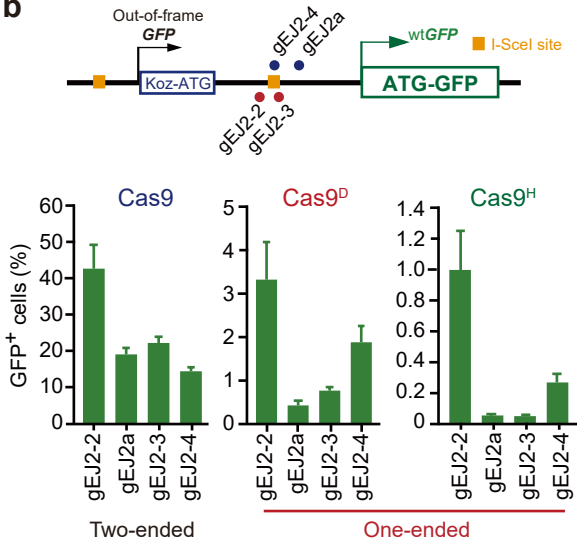


Extended Data Figure 6

a



b



c

Brca1^{+/+}

#9
allele1 GTGGTAGGAAT . . . GAAAGAGCGGA
allele2 GTGGTAGGAAT . . . GAAAGAGCGGA

#10
allele1 GTGGTAGGAAT . . . GAAAGAGCGGA
allele2 GTGGTAGGAAT . . . GAAAGAGCGGA

#64
allele1 GTGGTAGGAAT . . . GAAAGAGCGGA
allele2 GTGGTAGGAAT . . . GAAAGAGCGGA

Brca1^{m/m}

#18
allele1 GT----- . . . ---AGAGCGGA Δ49bp
allele2 GT----- . . . ---AGAGCGGA Δ49bp

#27
allele1 GT----- . . . ---AGAGCGGA Δ49bp
allele2 GT----- . . . ---AGAGCGGA Δ49bp

#96
allele1 GT**T**----- . . . ---AAGAGCGGA Δ47bp
allele2 GT**T**----- . . . ---AAGAGCGGA Δ47bp