**S1 Note** Calculation of Microhomology Fraction

1. When the mutagenic outcomes were assessed by subcloning, the Microhomoloy Fraction was calculated according to the formula below:
2. When the mutagenic outcomes were assessed by TIDE analysis, the Microhomology Fraction was not calculated
3. For HeLa cell data, Microhomology Fraction was calculated as below, discarding any alleles with allele frequency of < 0.1%.