

*Supplementary Tables*

**Table S1.** Full statistics for features of target-site modification and the 3' junction

		3' junctions <sup>a</sup>								
		CR1-1_DR			CR1-2_DR			CR1-3_DR		
		MH	direct	extra	MH	direct	extra	MH	direct	extra
target site	TSD	50	1	7	85	5	7	48	1	3
	blunt	4	0	1	1	0	1	1	0	0
	short TST	7	0	5	7	0	6	1	2	5
	long TST	2	1	8	4	1	3	5	2	6

a) MH, microhomology; direct, direct joining; extra, extra nucleotides; blunt, blunt insertion; short TST,  $\leq 12$  bp; long TST,  $\geq 13$  bp.

**Table S2.** Full statistics for features of target-site modification and the 5' junction

		5' junctions <sup>a</sup>								
		CR1-1_DR			CR1-2_DR			CR1-3_DR		
		MH	direct	extra	MH	direct	extra	MH	direct	extra
target site	TSD	20	6	32	42	8	47	27	3	22
	blunt	0	0	5	2	0	0	0	0	1
	short TST	4	1	7	4	0	9	4	1	3
	long TST	1	1	9	4	0	4	2	1	10

a) MH, microhomology; direct, direct joining; extra, extra nucleotides; blunt, blunt insertion; short TST,  $\leq 12$  bp; long TST,  $\geq 13$  bp.