

Table S1. The GC content of target sites.

Name of Target site	Target site sequence	sgRNA GC content
sgRNA: Z1	<u>CCAG</u> CTACTGCGTTCCTCTCCTC	60%
sgRNA: Z2	<u>CCTC</u> GGAGGTTTCATGTTAGGTC	50%
sgRNA: Z3	<u>CCAG</u> AGCCTGTACCTTACAAGGG	55%
sgRNA: C1	<u>CCCT</u> TGGTGGGAGCTCTGGTTATT	50%