

Table S3 The potential off-target sites (OTS) of CRISPR/Cas9 system.

OTS	OTS sequence (5' to 3')	Chromosome	Position	Mismatches
OTS1	5` AGATCAAGCTACCCACCTGA 3`	Chr8	118347781	3
OTS2	5` AGCTCAGGCCACCCACAGGT 3`	Chr3	143567607	3
OTS3	5` ATCTCAGGTCACCCAACTGA 3`	Chr7	94640330	3
OTS4	5` ACCTCAGGCCACACAGCTGA 3`	Chr7	125291005	3
OTS5	5` AGCTCAGGGCAGACACCTGA 3`	Chr2	70832748	3
OTS6	5` ACCTCAGGTCACCCACCTCA 3`	Chr2	117874706	3
OTS7	5` AGCACAGGCCACCCAACTGG 3`	Chr19	25119551	3