

Table S1 Effect of voltage and pulse interval on embryo survival

Voltage (v)	Pulse Interval (ms)	Zygotes Electroporated	Blastocysts Developed	Embryo Survival Rate
30	100	13	12	92%
30	500	13	9	69%
30	1000	10	8	80%
100	100	10	2	20%
100	500	11	3	27%
100	1000	11	2	18%
300	100	14	0	0
300	500	12	0	0
300	1000	14	0	0

All zygotes were derived from B6D2F2/J and treated with acidic Tyrode's solution for 10 seconds before electroporation. The embryos used in this experiment had not been exposed to CRISPR/Cas9 reagents.