

Supplementary information, Table S1: In vitro development of embryos injected with mRNA.

Target genes	mRNA concentration (ng/ul)	NO. Cultured	NO. Cleaved	NO. Blastocysts (%)	No. Screened	NO. Modified (%)	NO. Double KO (%)
RAG1	50ng/ul	41	37	27 (73%)	25	23(92%)	0
RAG2	50ng/ul	28	25	9 (36%)	16	12(75%)	3 (19%)