

Supplementary information, Table S4: Potential off-target sites of RAG2 TALENs predicted by

e-PCR in the rabbit genome

Rabbit-rag2-TALEN						
seq	strand	from	to	mism	gaps	act_len/exp_len
gi 283557965 ref NW_003159229.1	+	39999452	39999542	6	1	91/0-1000
gi 283557964 ref NW_003159230.1	-	18210028	18210075	0	0	48/0-1000
gi 283557955 ref NW_003159239.1	+	14563817	14564784	6	1	968/0-1000
gi 283557950 ref NW_003159244.1	-	3077539	3077589	6	1	51/0-1000
gi 283557949 ref NW_003159245.1	+	29173718	29174639	6	1	922/0-1000
gi 283557930 ref NW_003159264.1	+	5793431	5794280	5	1	850/0-1000
gi 283557928 ref NW_003159266.1	-	4274571	4274800	6	1	230/0-1000
gi 283557923 ref NW_003159271.1	-	8874357	8874611	6	1	255/0-1000
gi 283557922 ref NW_003159272.1	-	660983	661075	6	1	93/0-1000
gi 283557917 ref NW_003159277.1	+	31316821	31316909	6	1	89/0-1000
gi 283557908 ref NW_003159286.1	+	28521846	28522222	6	1	377/0-1000
gi 283557908 ref NW_003159286.1	-	67416112	67416888	6	1	777/0-1000
gi 283557892 ref NW_003159302.1	-	35934464	35934513	6	2	50/0-1000
gi 283557879 ref NW_003159315.1	-	20389574	20389643	6	2	70/0-1000

For RAG2 TALENs, 14 potential off-target sites were identified. Six sites highlighted in yellow were amplified and sequenced. No mutations were found at these sites. The hits in red are the RAG2 target site used in this study. The list of primers can be found in Supplementary Table 4.