

**Table S1. Summary of injection sessions**

<b>Cpf1 (ng/μl)</b>	<b>Target A (ng/μl)</b>	<b>Target B (ng/μl)</b>	<b>Egg strain (♀ x ♂)</b>	<b># eggs implanted</b>	<b># pups or embryos recovered</b>	<b># founders targeted</b>	<b>% founders targeted</b>
10	2.5	2.5	B6xFVB	128	24	5/24	20.8%
10	2.5	2.5	B6xFVB	101	30	1/30	3.3%
10	2.5	2.5	FVBxB6	180	54	1/54	1.9%
10	2.5	2.5	FVBxB6	110	17	0/17	0.0%
10	2.5	2.5	FVBxB6	168	36	0/36	0.0%
10	2.5	-	FVBxB6	40	1	0/1	0.0%
10	2.5	-	FVBxB6	144	45	0/45	0.0%
50	100	100	B6xFVB	50	21	18/21	85.7%
50	100	100	B6xFVB	48	23	21/23	91.3%
50	100	100	B6 x B6	62	16	13/16	81.2%
50	100	100	FVBxB6	80	2	2/2	100%
50	100	-	FVBxB6	72	11	5/11	45.5%
50	100	-	FVBxB6	100	17	7/17	41.2%
<b>Average across all 12 injection sessions:</b>						<b>73/297</b>	<b>24.6%</b>
<b>Average for 7 low concentration injection sessions:</b>						<b>7/207</b>	<b>3.4%</b>
<b>Average for 6 high concentration injection sessions:</b>						<b>66/90</b>	<b>73.3%</b>