

Supplementary Table 2. Tetraploid blastocyst injection results

Cell line	Sex	Condition	Passage	Embryos-transferred	Full-term	Breathing pups	Adults
J-34	XY	S/L	10	27	8	5	4
J-35	XY	S/L	10	18	2	2	0
J-37	XY	S/L	10	18	3	3	2
J-34	XY	S/L	20	99	10	8	8
J-35	XY	S/L	20	77	11	7	7
J-37	XY	S/L	20	62	5	5	3
J-34	XY	2i/L	10	70	1	1	0
J-35	XY	2i/L	10	77	6	6	0
J-37	XY	2i/L	10	78	2	2	0
J-34	XY	2i/L	20	108	2	1	0
J-35	XY	2i/L	20	64	2	1	0
J-37	XY	2i/L	20	63	0	0	0
J-30	XX	S/L	10	75	2	2	0
J-31	XX	S/L	10	82	3	3	0
J-34	XY	a2i/L	10	30	7	7	7
J-35	XY	a2i/L	10	30	4	4	2
J-34	XY	a2i/L	20	30	6	6	4
J-35	XY	a2i/L	20	30	5	5	0
J-34	XY	PKCi/L	10	50	6	4	0
J-35	XY	PKCi/L	10	44	2	1	1

Breakdown of cell lines, culture conditions, and passage numbers of cells used to inject into host 4N blastocysts to determine the ability to generate all-ESC mice. Full-term, mice that were fully developed at the time of birth or cesarian section. Breathing, mice that were able to breath on their own after birth. Adults, mice that lived longer than 5 weeks.