

Supplementary Table 1. Diploid blastocyst injection results

Cell line	Sex	Condition	Passage	Embryos-transferred	Resorptions	Breathing pups	Adult chimeras
J-34	XY	S/L	10	30	N/D	12	6
J-35	XY	S/L	10	30	N/D	15	11
J-34	XY	2i/L	10	70	N/D	29	7
J-35	XY	2i/L	10	80	N/D	32	8
J-30	XX	S/L	10	60	9	9	3
J-31	XX	S/L	10	88	11	11	4

Breakdown of cell lines, culture conditions, and passage numbers of cells used to inject into host 2N blastocysts to determine chimerism in mice. N/D, not determined. Resorption, fetus that were resorbed during pregnancy. Breathing, mice that were able to breath on their own after birth. Chimeras, mice that were 5 weeks of age with any visible agouti coat color contribution.