

**Table S2. Preimplantation development of siCdx2 and antibody co-injected embryos**

Group	Number of 2-cell embryos/total injected (%)	Blastocyst formation (%)	Hatched blastocysts (%)
ScrCtr + BSA	32/33 (75.8)	25/33 (75.8)	12/25 (36.3)
ScrCtr + Ab	49/49 (100)	45/49 (91.8)	19/45 (38.8)
siCdx2 + BSA	34/34 (100)	27/34 (79.4)	0/27 (0)
siCdx2 + Ab	47/49 (95.9)	44/49 (89.8)	0/44 (0)

To evaluate the roles of possible residual maternal Cdx2 proteins in blastocyst formation, siCdx2 was co-injected into zygotes with a rabbit polyclonal Cdx2 antibody (Ab) or with BSA as control. The rates of cleavage, blastocyst formation and hatching were recorded at 1.5, 3.5 and 6 dpc, respectively. Blastocyst formation was not affected by co-injection of Ab and siCdx2. The data are pooled from two independent microinjection experiments.