

Supplementary Data

SUPPLEMENTARY TABLE S1. DEVELOPMENT OF MOUSE EMBRYOS WITH ATTENUATED *REX1* LEVELS

siRNA control	2 cell		morula		blastocyst	
	Day 2		Day 3		Day 4	
E 1	22/26	84,6%	-	-	15/26	68,2%
E 2	45/45	100%	29/45	64,4%	23/45	51,1%
E 3	21/22	95,5%	15/22	68,2%	-	-
E 4	13/16	81,2%	14/15	93,3%	3/8	37,5%
E 5	21/21	100%	21/21	100%	-	-
TOTAL	122/130	93,8%	79/103	76,7%	41/79	51,9%

siRNA <i>Rex1</i>	2 cell		morula		blastocyst	
	Day 2		Day 3		Day 4	
E 1	24/26	92,3%	-	-	11/24	45,8%
E 2	43/43	100%	26/43	60,5%	20/43	46,5%
E 3	14/14	100%	10/14	71,4%	-	-
E 4	18/21	85,7%	21/21	100%	13/14	92,9%
E 5	18/18	100%	18/18	100%	-	-
TOTAL	117/122	95,9%	75/96	78,1%	44/81	54,3%

Development of embryos injected with siRNAs as in Supplementary Fig. S4; the table shows the sum of 5 independent experiments (E1–E5). The table shows the number of embryos and the percentage that reached the 2 cell-stage on day 2, morula on day 3, and early blastocyst on day 4. No statistically significant differences were found between the 2 groups at the stages analyzed (day 2: $P=0.6511$; day 3: $P=0.810$; day 4: $P=0.8819$).