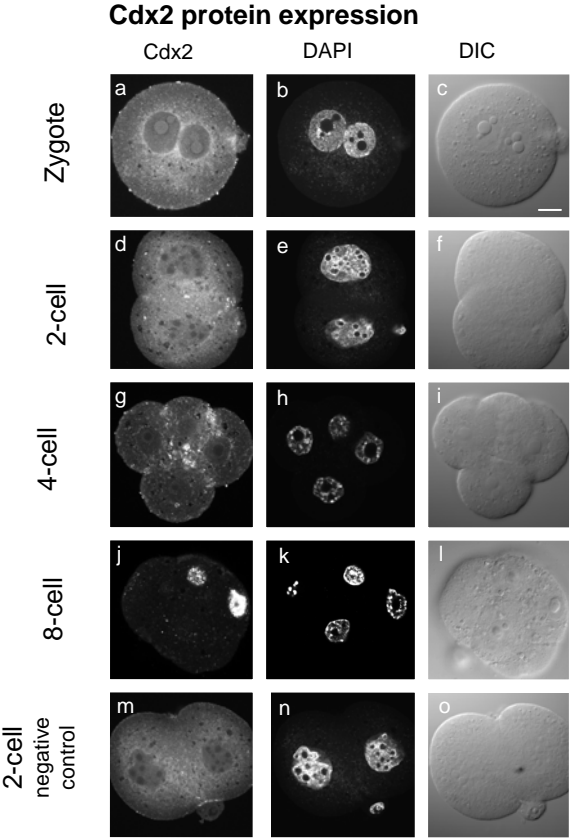
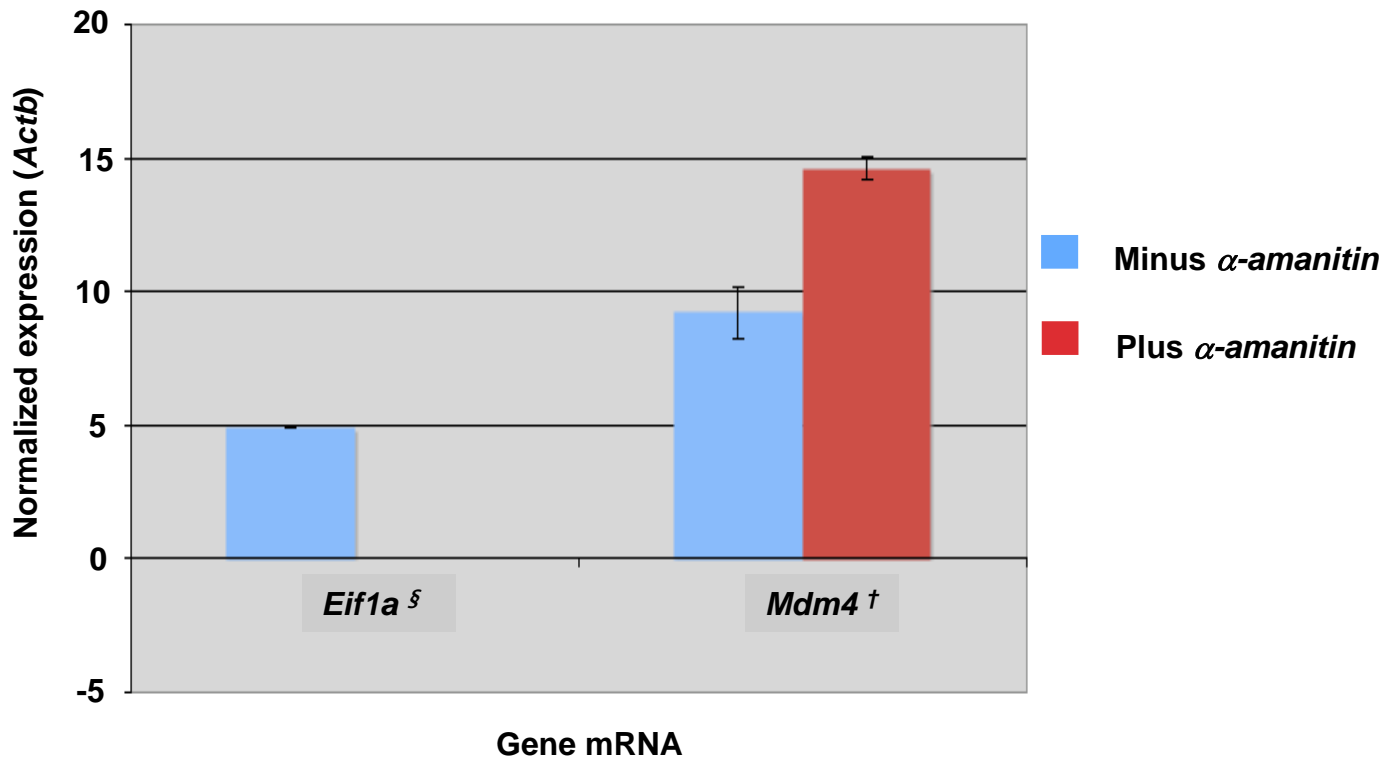


Supplementary Figure 1



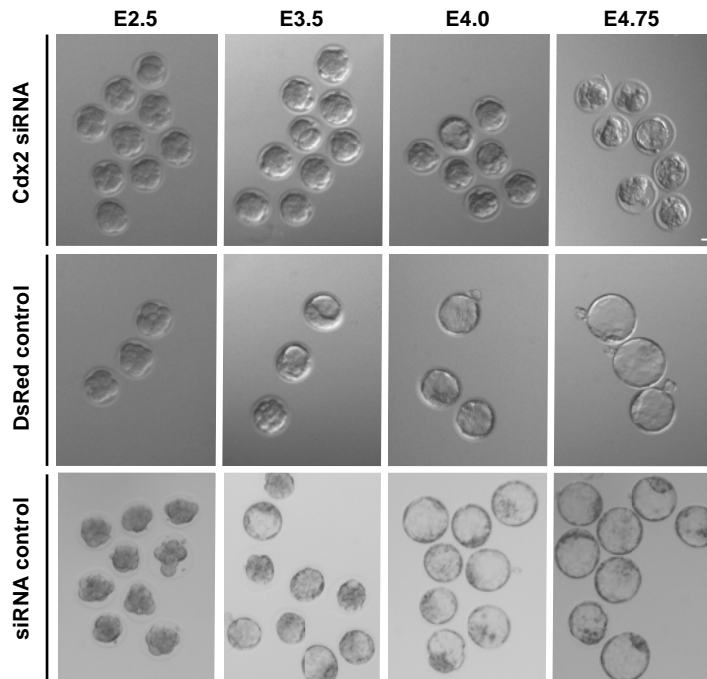
Supplementary Figure 2



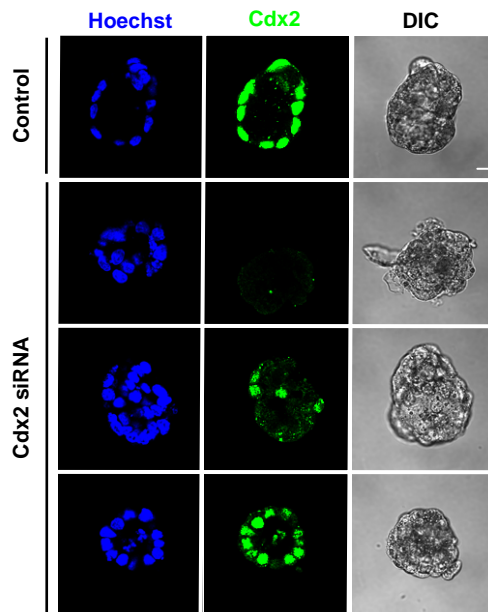
ξ α -amanitin sensitive transcript
 \dagger α -amanitin insensitive transcript

Supplementary Figure 3

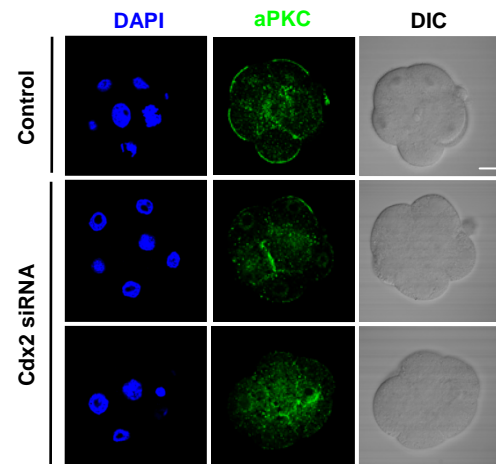
A Developmental progression of siRNA treated embryos



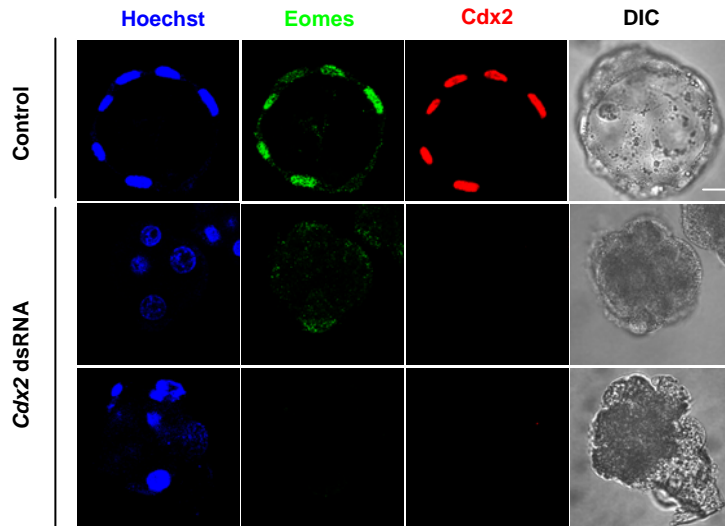
B Cdx2 expression in Cdx2 siRNA embryos



C Polarity in Cdx2 siRNA embryos



Supplementary Figure 4



Supplementary Table 1

Cell allocation in Cdx2 RNAi embryos

No	Number of cells			Inside position			Outside position		
	Total	Live	Dead	Total	Live	Dead	Total	Live	Dead
1	24	18	6	11	8	3	13	10	3
2	29	29	0	10	10	0	19	19	0
3	30	18	12	13	10	3	17	8	9
4	30	30	0	14	14	0	16	16	0
5	32	25	7	17	12	5	15	13	2
6	32	27	5	11	11	0	21	21	0
7	32	32	0	14	12	2	18	15	3
8	32	32	0	6	6	0	26	26	0
9	35	34	1	18	17	1	17	17	0
Av	30.7	27.2	3.4	12.7	11.1	1.6	18.0	16.1	1.9

Cell allocation in control embryos

No	Number of cells			Inside position			Outside position		
	Total	Live	Dead	Total	Live	Dead	Total	Live	Dead
1	32	32	0	11	11	0	21	21	0
2	32	32	0	9	9	0	23	23	0
3	32	32	0	10	10	0	22	22	0
4	32	32	0	10	10	0	22	22	0
5	32	32	0	11	11	0	21	21	0
6	32	32	0	10	10	0	22	22	0
7	33	33	0	12	12	0	21	21	0
Av	32.1	32.1	0	10.4	10.4	0	21.7	21.7	0