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Supplementary Material

Aggregation recovers developmental plasticity in mouse polyplloid embryos

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Table S1 Conditions of immunohistochemistry

	Primary antibody			Secondary antibody		
	Reagent	Company and Catalog number	Dilution	Reagent	Company and Catalog number	Condition
Cdx2	anti-Cdx2 rabbit antibody	Abcam ab220799	1:500	anti-IgG (rabbit) goat antibody	MBL #234	1:160
Oct3/4	anti-Oct3/4 mouse antibody	Santacruz sc-5279	1:50	anti-IgG (mouse) donkey antibody	Abcam ab150105	1:500

Table S2 Primer sequences for RT-PCR

genes	Primer sequences (5'→3')	
<i>Oct3/4</i>	F	GCATACGAGTTCTGCGGAGGGATG
	R	GGACTCCTCGGGAGTTGGTCCAC
<i>Nanog</i>	F	CCTGCAGTTTCATCCCGAGAAC
	R	GAGAACACAGTCCGCATCTCTGC
<i>Gata6</i>	F	AGGGTGAGCCTGTGTGCAATGCTT
	R	CTACCCCTGAGGTGGTCGCTTGTG
<i>Cdx2</i>	F	AAGATAGCTGGACTGACCGAAG
	R	CTCTACCCATGGATCAAGAAGG
<i>Gapdh</i>	F	GTGCTGAGTATGTCGTGGAGTC
	R	CATACTTGGCAGGTTCTCCAG

Figure S1

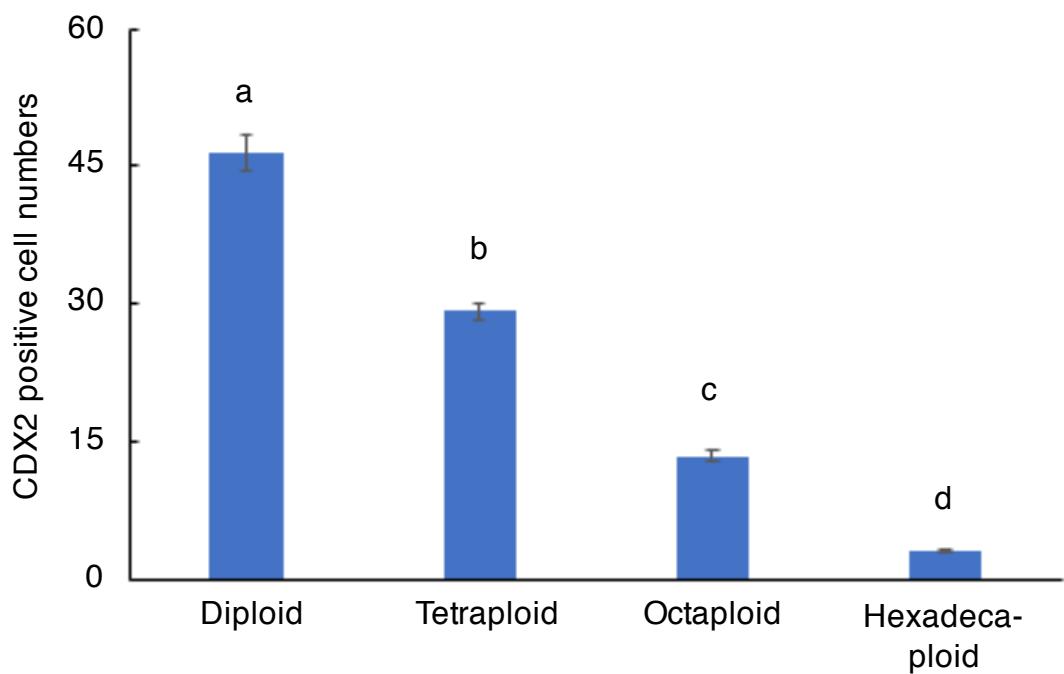


Fig. S1 CDX2 positive cell numbers constituting blastocyst stage embryos (4.5 d.p.c.) of each ploidy.

After immunostaining of CDX2 (TE; Trophoectoderm), CDX2 positive cells were counted ($n=20$ embryos of each ploidy). The graphs with different superscripts (a-d) are significantly different ($P<0.001$).