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## **Supplemental Information**

### **CARM1 and Paraspeckles Regulate Pre-implantation**

#### **Mouse Embryo Development**

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<b>qRT-PCR primers</b>		
<b>Name</b>	<b>Forward</b>	<b>Reverse</b>
Carm1	TGACATCAGTATTGTGGCACAG	CTGAGGAGCCTAAGGGAATCA
Cdx2	CAAGGACGTGAGCATGTATCC	GTAACCACCGTAGTCCGGGTA
Gapdh	TGGATTTGGACGCATTGGTC	TTTGCACCTGGTACGTGTTGAT
Histone H2B	TCCGCGTTTCCGTAGTACAAC	GGGGCTGGAGCTGATTTGG
Nanog	TCTTCCTGGTCCCCACAGTTT	GCAAGAATAGTTCTCGGGATGAA
Neat1	GCTCTGGGACCTTCGTGACTCT	CTGCCTTGGCTTGAAATGTAA
Oct3/4	CACCATCTGTCGCTTCGAGG	AGGGTCTCCGATTTGCATATCT
p54nrb	GCCAGAATGAAGGCTTGACTAT	TATCAGGGGGAAGATTGCCCA
Pspc1	CCGCCTGGAATCGAGAACAC	CTTGACCGTTAGGGCTGCT
Sox2	GCGGAGTGGAACCTTTGTCC	CGGGAAGCGTGTACTTATCCTT
<b>Small interfering RNA (siRNA), stealth siRNA, antisense oligonucleotides (ASO)</b>		
<b>Name</b>	<b>Sequence</b>	<b>Source</b>
p54 siRNA	AGGCTTGACTATTGACCTGAA	Qiagen
p54 siRNA	TTGGCTTTATTCGCTTGGA	Qiagen
p54 siRNA	TTCCCTGCTTGTACTACTCTA	Qiagen
CARM1 stealth siRNA	CGGACTTCAAGGACAAGAT	Invitrogen
Neat1_1 ASO	TAGATTAAGACGAGGC	Exiqon
Neat1_2 ASO	AAGATGCAGCAGTCGA	Exiqon

**Table S1. Oligonucleotides.** Sequences of qRT-PCR primers, siRNAs, stealth siRNAs and antisense oligonucleotides (ASOs). Related to *Figure STAR Methods (KEY RESOURCES TABLE)*.