

Table S1. Primers list for real-time qPCR.

mRNA	Primer Sequences	Tm (°C)	Product Size (bp)	GenBank Accession Number
<i>GAPDH</i>	F: 5'-GTCGGTTGTGGATCTGACCT-3'	59	207	NM_001206359.1
	R: 5'-TTGACGAAGTGGTCGTTGAG-3'	58		
<i>RN18S</i>	F: 5'-CGCGGTCTATTTTGTGTTGTT-3'	57	219	NR_046261.1
	R: 5'-AGTCGGCATCGTTTATGGTC-3'	58		
<i>BAX</i>	F: 5'-TGCCTCAGGATGCATCTACC-3'	59	199	XM_013998624.2
	R: 5'-AAGTAGAAAAGCGCGACCCAC-3'	58		
<i>BCL2L1</i>	F: 5'-AATGACCACCTAGAGCCTTG-3'	56	182	NM_214285.1
	R: 5'-GGTCATTCCGACTGAAGAG-3'	55		
<i>CASP3</i>	F: 5'-CGTGCTTCTAAGCCATGGTG-3'	59	186	NM_214131.1
	R: 5'-GTCCCACTGTCCGTCTCAAT-3'	59		
<i>TFAM</i>	F: 5'-TGGTCCATCACAGGTAAAGC-3'	57	209	NM_001130211.1
	R: 5'-CCTCAGTGTCTTCTTTGCTG-3'	57		
<i>NOX4</i>	F: 5'-CTTCCTCCATCCAGTCAAGA-3'	56	185	XM_003357234.4
	R: 5'-TCCAGCAGGGTGTGAGTAT-3'	58		
<i>GSR</i>	F: 5'-TGGGCTCTAAGACGTCACTG-3'	59	106	XM_003483635.4
	R: 5'-TCTATGCCAGCATCTCCAG-3'	57		
<i>PRDX1</i>	F: 5'-CTTGATATCAGACCCCAAGC-3'	55	187	XM_021096742.1
	R: 5'-GAACTGGAAGGCCTGAACTA-3'	56		
<i>PIK3R1</i>	F: 5'-CCACTACCGAATGAATCTC-3'	55	211	XM_021076847.1
	R: 5'-TTCCTGGGAAGTACGGGTAT-3'	57		
<i>AKT1</i>	F: 5'-CTACAACCAGGACACGAGA-3'	58	208	NM_001159776.1
	R: 5'-CTCATACACATCCTGCCACA-3'	57		
<i>GLUT1</i>	F: 5'-TGGATGTCCTACCTGAGCAT-3'	57	192	XM_021096908.1
	R: 5'-CTCCACATACTGGAAGCACA-3'	57		
<i>PCNA</i>	F: 5'-CCTGTGCAAAAGATGGAGTG-3'	57	187	NM_001291925.1
	R: 5'-GGAGAGAGTGGAGTGGCTTTT-3'	59		
<i>Filia</i>	F: 5'-GCCCTACTGGTTTCACTCAG-3'	57	193	XM_021089533.1
	R: 5'-ATAAGGCCGTCCAAATATCA-3'	54		
<i>NPM2</i>	F: 5'-GCTCTGGACCTGTGTTCTC-3'	60	220	NM_001195362.1
	R: 5'-GCTGCACTTGTCTGCTTCTG-3'	59		
<i>Has2</i>	F: 5'-TTACAATCCTCCTGGGTGGT-3'	58	199	NM_214053.1
	R: 5'-TCAAGCACCATGTCGTACTG-3'	58		
<i>TNFAIP6</i>	F: 5'- TCATAACTCCATATGGCTTGAAC-3'	56	396	NM_001159607.1
	R: 5'- TCTTCGTA CTCA TTTGGGAAGCC-3'	60		

F: Forward, R: Reverse, Tm (°C): Melting temperature

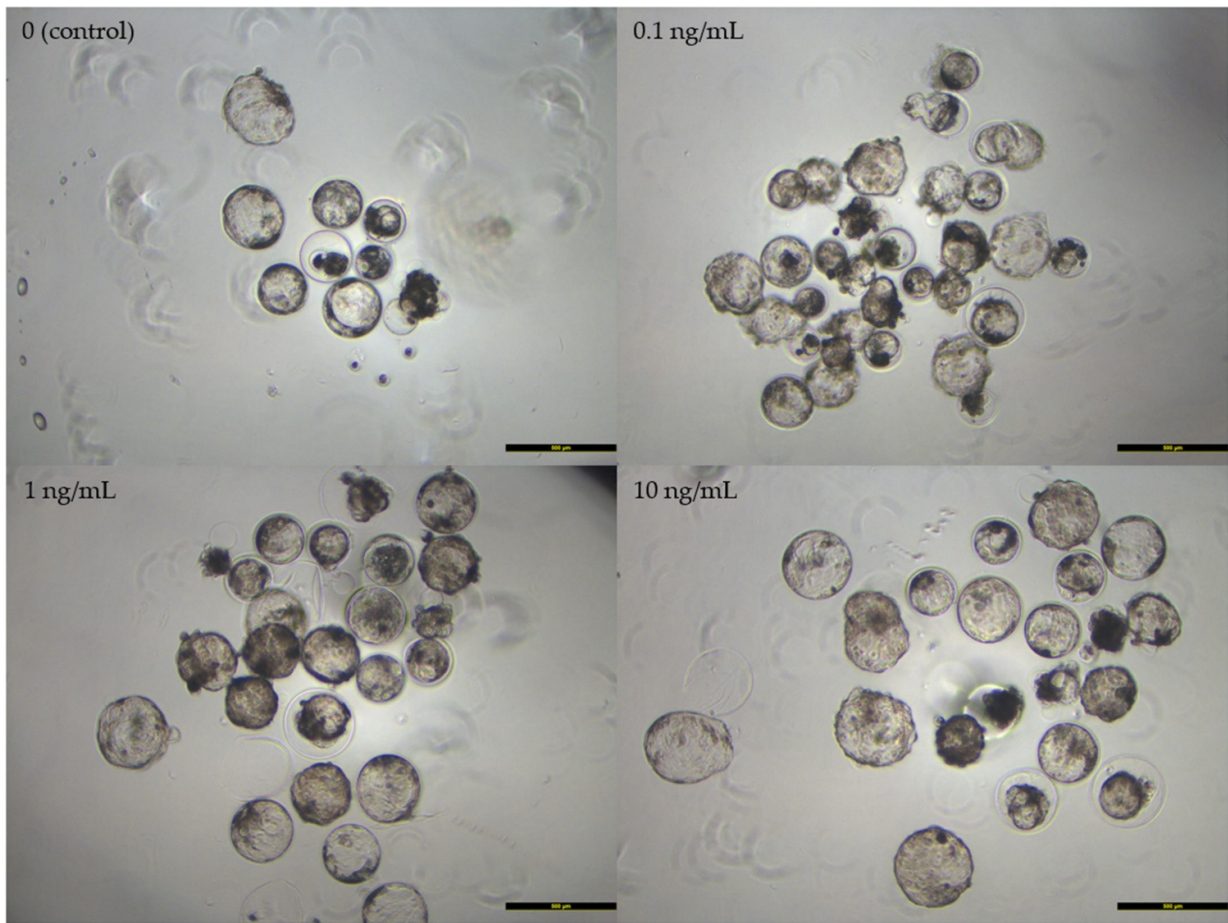


Figure S1. Representative morphology image of blastocysts from each group after Day 7 of PA. Scale bar: 500 μm