

Supplementary Table SII Effect of antioxidants in gamete collection on fertilization and development rate of blastocysts in IVF.

	Oocyte Sperm	Control Control	Control A3	A3 Control	A3 A3
Cell stage	Two cell ^a	79 (82.3%)	88 (91.6%)	83 (86.5%)	81 (84.4%)
	Morula ^b	78 (98.7%)	88 (100%)	83 (100%)	81 (100%)
	Blastocyst ^b	75 (94.9%)	86 (97.7%)	83 (100%)	80 (98.7%)
	Hatching ^b	47 (59.5%)	52 (59.0%)	50 (60.2%)	53 (65.4%)

Combination of antioxidants (A3) comprises of 10 μ M Acetyl-L-Carnitine/10 μ M N-Acetyl-L-Cysteine/5 μ M α -Lipoic Acid. Antioxidants were in oocyte IVF media and/or sperm IVF media. Controls had no antioxidants in oocyte IVF media and/or sperm IVF media. Number (%) of embryos developed to each stage; 96 oocytes inseminated per group; 6 biological replicates.

^aPercentage of the number of inseminated oocytes.

^bPercentage of the number of two cell embryos.