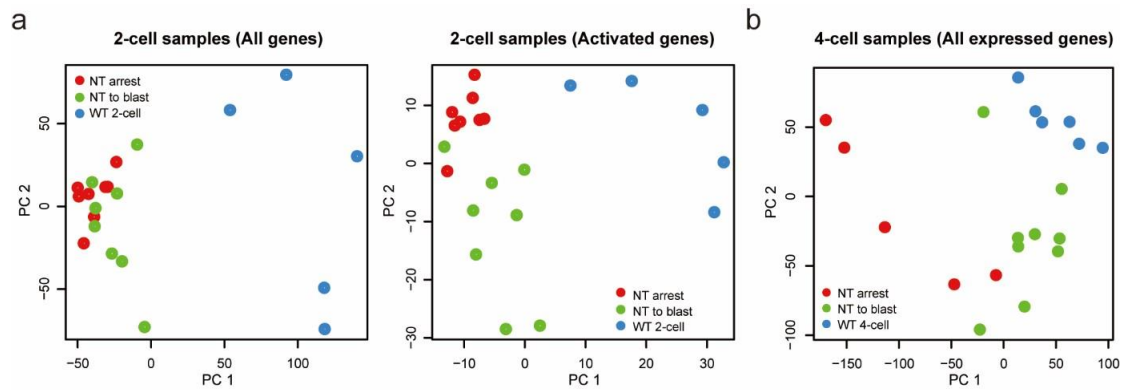


Supplementary Figure S2 PCA analysis on SCNT and WT embryos at 2-cells or 4-cells stage.



(a) PCA analysis of 2-cell samples for all expressed genes (left panel) and ZGA related genes (right panel). Genes with average FPKM ≥ 1 across MII and all 2-cell samples were defined as all expressed genes. ZGA related genes were defined as up-regulated genes compared to MII Oocytes in each type of 2-cell stage samples, and the ZGA genes in each condition were pooled to form the final ZGA gene list (3736 genes). Colors represent different types of samples.

(b) PCA analysis of the NT 4-cell arrest, NT 4-cell to blastocyst and WT 4-cell samples. All expressed genes were defined by averaged FPKM ≥ 1 across all samples of 4-cell stage. Colors represent different types of samples.