

Legends for Supplementary Figures:

Supplementary Figure S1. Expression profile comparisons by oligonucleotide mouse 11K microarray analysis. Each four of ng^{WT}/fg^{WT} (**A**) and $ng^{H19\Delta13}/fg^{WT}$ (**B**) parthenotes at 12.5 days of gestation was used and pooled sample derived from fertilized embryos (n=15) was used as control.

Supplementary Figure S2. Graphical representation of ontology comparison. 1038 genes that showed significant change in the expression ($P < 0.001$) by oligonucleotide mouse 11K microarray analysis were analysed.

Supplementary Figure S3. Histograms of a number of differentially expressed genes. Genes at more than two times the level of the controls and less than one-half times the level in the controls were shown by oligonucleotide mouse 11K microarray analysis. Numbers represent the total number of genes differentially expressed in each foetus.

Supplementary Figure S4. Graphical representation of relative expression levels of imprinted genes. Data were obtained by oligonucleotide mouse 11K microarray analysis. Values are means \pm standard error.