

Generation of mouse parthenogenetic epiblast stem cells and their imprinting patterns

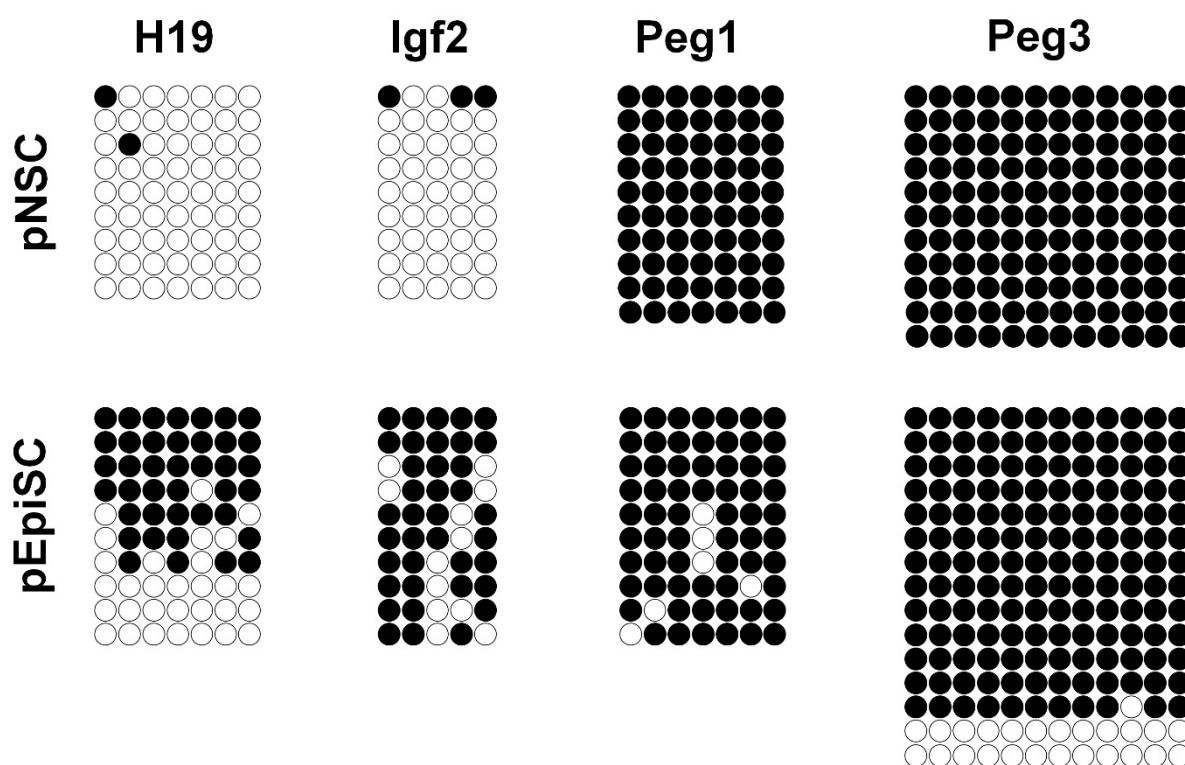
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Supplementary Figure 1. The DNA methylation profile of imprinted genes in pEpiSCs and pNSCs. pNSCs displayed typical parthenogenetic DNA methylation patterns in *H19*, *Igf2*, *Peg1*, and *Peg3*; the paternally imprinted genes (*H19* and *Igf2*) were completely unmethylated, whereas maternally imprinted genes (*Peg1* and *Peg3*) were completely methylated. However, pEpiSCs showed hypermethylation patterns in *H19* and *Igf2* (57 and 76 %, respectively), and slight loss of DNA methylation in *Peg1* and *Peg3*.