



**Figure S5 Gene expressions of *Dnmt3a* and *Dnmt3b*, and global DNA methylation change in response to the prenatal/maternal-BSp treatment.** Quantitative real-time PCR was performed to measure gene expression of *de novo* DNA methyltransferases, *Dnmt3a* and *Dnmt3b* in the SV40 mouse breast tumors (A). The level of 5-methylcytosine (5-mC) was used to evaluate global DNA methylation (B). Data are in triplicate from three independent experiments.