## **Supplementary Material**

## Effects of 2,3',4,4',5-pentachlorobiphenyl exposure during pregnancy on DNA methylation in the testis of offspring in the mouse

*Jian-Mei Zhang*<sup>A,\*</sup>, *Qiu-Yue Wang*<sup>A,\*</sup>, *Xiao-Ying Han*<sup>A</sup>, *Qi-Long He*<sup>A</sup>, *Li Liu*<sup>A</sup>, *Yong-Tao Zhang*<sup>A</sup>, *Xiao-Qian Meng*<sup>A</sup>, *Dong Cheng*<sup>B</sup>, *Tian-Liang Zhang*<sup>B</sup> and *Shu-Zhen Liu*<sup>A,C</sup>

<sup>A</sup>Shandong Provincial Key Laboratory of Animal Resistance Biology, College of Life Sciences, Shandong Normal University, Jinan 250014, China.

<sup>B</sup>Department of Toxicology, Shandong Center for Disease Control and Prevention, Jinan 250014, China.

<sup>c</sup>Corresponding author. Email: shuzhen26@163.com

Fig. S1. The gestational weight gain of the pregnant mice and male offspring mice, the birth weight



or sex ratio in F1 mouse in each dose group.

(A) The gestational weight gain of pregnant during pregnancy in each dose group. (B) The total birth weight of a litter. (C) Male-female ratio. (D) The body weight of F1 offspring mice from birth to the 5 th week in each dose group. But there was no significant difference between the experimental group and the control group (P > 0.05). The error bar represents mean  $\pm$  SD, for pregnant mice, n = 38, 37, 33 in 0, 20 and 100 µg/kg/day group, respectively, for F1 offspring mice, n=10, 12, 11 in 0, 20 and 100 µg/kg/day group, respectively. PND, postnatal day; n.s, P > 0.05.