

Supporting Information for *Toxicology Research* manuscript TX-ART-01-2016-000047:

**Epigenetic disruption and glucose homeostasis changes following low-dose maternal
bisphenol A exposure**

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Supplementary Figure Legends

Fig. S1 Alteration of glucose homeostasis and insulin sensitivity in rats perinatally exposed to BPA. Blood glucose levels (in mg/dl) (A, E) and area under the curve (AUC) (B, F) during glucose tolerance test, and blood glucose levels (in mg/dl) (C, G) and AUC (D, H) during the insulin tolerance test on BPA-exposed (\circ) and control (\bullet) male rats (upper 4 panels) and female rats (lower 4 panels) at the age of 4 weeks ($n = 3-7$ rats in each group for all panels). Data are represented as mean \pm SEM.

Fig. S2 Alteration of glucose homeostasis and insulin sensitivity in rats perinatally exposed to BPA. Blood glucose levels (in mg/dl) (A, E) and area under the curve (AUC) (B, F) during glucose tolerance test, and blood glucose levels (in mg/dl) (C, G) and AUC (D, H) during the insulin tolerance test on BPA-exposed (\circ) and control (\bullet) male rats (upper 4 panels) and female rats (lower 4 panels) at the age of 8 weeks ($n = 5-9$ rats in each group for all panels). Data are represented as mean \pm SEM. $**p < 0.01$ by repeated measure ANOVA.

Fig. S3 Alteration of glucose homeostasis and insulin sensitivity in rats perinatally exposed to BPA. Blood glucose levels (in mg/dl) (A, E) and area under the curve (AUC) (B, F) during glucose tolerance test, and blood glucose levels (in mg/dl) (C, G) and AUC (D, H) during the insulin tolerance test on BPA-exposed (\circ) and control (\bullet) male rats (upper 4 panels) and female rats (lower 4 panels) at the age of 20 weeks ($n = 4-10$ rats in each group for all panels). Data are represented as mean \pm SEM. $*p \leq 0.05$, $**p < 0.01$ by repeated measure ANOVA.