**Supplemental Table S3.** Differentially Expressed Genes and Enriched Molecular Pathways between Vehicle and DEHP Groups

| Pathway                                      | Gene                    | q value     |
|----------------------------------------------|-------------------------|-------------|
| **Upregulated DEGs**                        |                         |             |
| Circadian rhythm: mammal                    | *Per3, Per2, Nrl1*      | $2.85 \times 10^{-11}$ |
| Oocyte meiosis                              | *Cdk1, Cenb1, Plk1, Cdc20* | $6.62 \times 10^{-7}$ |
| Cell cycle                                  | *Cdk1, Cenb1, Plk1, Cdc20* | $8.42 \times 10^{-8}$ |
| p53 signaling pathway                       | *Cdk1, Cenb1, Gsce1*   | $1.06 \times 10^{-3}$ |
| Progesterone-mediated oocyte maturation     | *Cdk1, Cenb1, Plk1*     | $1.06 \times 10^{-3}$ |
| Gap junction                                | *Cdk1, Tubb4b, Tuba1c*  | $2.66 \times 10^{-3}$ |
| **Downregulated DEGs**                      |                         |             |
| Circadian rhythm: mammal                    | *Arntl, Npas2*          | $9.70 \times 10^{-3}$ |

DEHP, di-2-ethylhexyl phthalate; DEG, differentially expressed gene.