

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

Pathway	Gene	<i>q</i> value
Upregulated DEGs		
Circadian rhythm: mammal	<i>Per3, Per2, Nr1d1</i>	$2.85 \times 10^{-11}$
Oocyte meiosis	<i>Cdk1, Ccnb1, Plk1, Cdc20</i>	$6.62 \times 10^{-7}$
Cell cycle	<i>Cdk1, Ccnb1, Plk1, Cdc20</i>	$8.42 \times 10^{-6}$
p53 signaling pathway	<i>Cdk1, Ccnb1, Gtse1</i>	$1.06 \times 10^{-5}$
Progesterone-mediated oocyte maturation	<i>Cdk1, Ccnb1, Plk1</i>	$1.06 \times 10^{-5}$
Gap junction	<i>Cdk1, Tubb4b, Tuba1c</i>	$2.66 \times 10^{-5}$
Downregulated DEGs		
Circadian rhythm: mammal	<i>Arntl, Npas2</i>	$9.70 \times 10^{-3}$

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