SUPPLEMENTAL FIGURES

Bisphenol A and Related Alkylphenols Exert Nongenomic Estrogenic Actions Through a G Protein-Coupled Estrogen Receptor 1 (Gper)/Epidermal Growth Factor Receptor (Egfr) Pathway to Inhibit Meiotic Maturation of Zebrafish Oocytes

Fitzgerald et al.

SUPPLEMENTAL FIGURE LEGENDS

Supplemental Figure S1. Chemical structures of bisphenol A, tetrachlorobisphenol A, tetrabromobisphenol A, and 4-nonylphenol.

Supplementary Figure S2. Effects of long term incubation of denuded oocytes with BPA (A), nonylphenol (B), TCBPA (C), and TBBPA (D) on inhibition of OM. Oocytes incubated with BPA (Fig.1), and nonylphenol, TCBPA, and TBBPA (Fig. 6) for 3-6h were incubated for an additional 3-4h and the % GVBD was scored again. The results show that after removal of the follicle layers and endogenous estrogens the alkylphenols and E2 do not cause permanent meiotic arrest and the % GVBD is not significantly different from vehicle controls. Definitions of symbols and statistics are the same as described in the paper.
Bisphenol A

Tetrachlorobisphenol A

Tetrabromobisphenol A

4-nonylphenol
Supplementary data figure 2.

A

B

C

D

GVBD (%)

Treatments (nM)

GVBD (%)

Treatments (nM)

GVBD (%)

Treatments (nM)

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