Figure S5. CatSper in mouse sperm is largely insensitive to EDCs.

A CatSper-mediated Ca$^{2+}$ signals in mouse sperm. Ca$^{2+}$ signals evoked by alkaline depolarizing medium (K8.6) and 8-Br-cGMP (20 mM), and Ca$^{2+}$ signals evoked by DnBP (10 µM), n-NP (10 µM), 4-MBC (10 µM), α-zearalenol (10 µM), and 4,4´-DDT (100 nM). The Ca$^{2+}$ responses were recorded in a stopped-flow apparatus. ΔF/F₀ (%) indicates the percentage change in fluorescence (ΔF) with respect to the mean basal fluorescence (F₀) of the first 3 data points recorded immediately after mixing (F).

B Mean (n = 3) Ca$^{2+}$ signal amplitudes evoked by K8.6 medium, 8Br-cGMP, and the EDCs. All values are given as mean ± SD.