

Supplementary Materials: Mixture Concentration-Response Modeling Reveals Antagonistic Effects of Estradiol and Genistein in Combination on Brain Aromatase Gene (*cyp19a1b*) in Zebrafish

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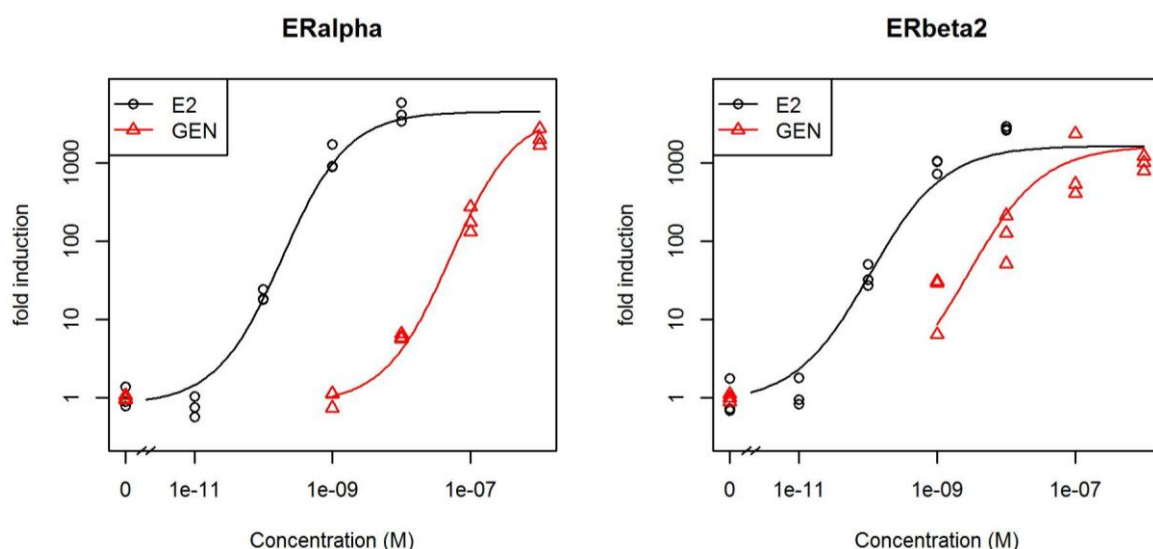


Figure S1. Concentration-response curves of luciferase activity in U251-MG cells transfected with ERalpha or ERbeta2 after exposure to estradiol (E2) or genistein (GEN). These data originated from one concentration-response experiment for each compound and each ER with 3 replicated wells for each condition.

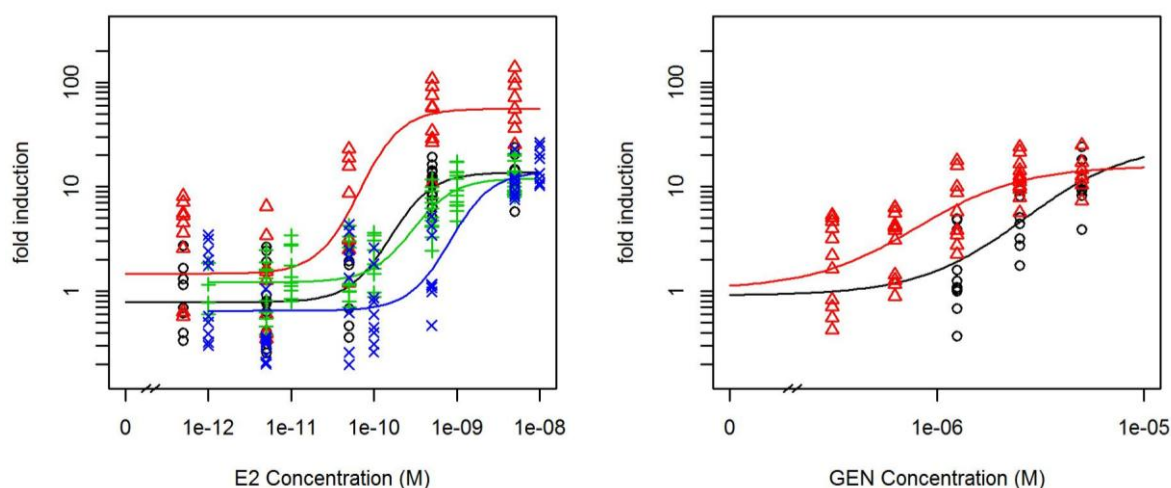


Figure S2. Concentration-response curves of GFP fluorescence *in vivo* in the brain of 4-dpf old *cyp19a1b*-GFP transgenic zebrafish after exposure to estradiol (E2) or genistein (GEN) for 96 hours. These data originated from 2 (GEN) to 4 (E2) independent experiments with 8–19 transgenic zebrafish per condition.