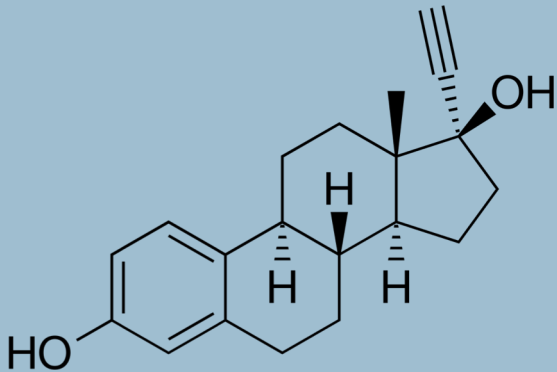


# EE2 RNA sequencing



Ethinylestradiol (EE2) is a model endocrine disrupting chemical and provides an example of RNA sequencing data. It also provides data from Japanese quail, a model organism commonly used to assess toxicity in avian species. This data was derived from the EcoToxChip project.

## Dataset overview

Organism: Japanese quail (*Coturnix japonica*)

Tissue: Liver

Exposure conditions: Doses of EE2 (3.3, 33.3  $\mu\text{g/g}$ )

NCBI Accession #: NA

Citation: [www.ecotoxchip.ca](http://www.ecotoxchip.ca)

Early life stage Japanese quail were exposed to EE2 via injection into the air cell of fertilized, unincubated eggs. The chemical was dissolved in dimethyl sulfoxide and injected into the embryos prior to incubation at 0, 3.33 and 33.3  $\mu\text{g/g}$  egg. Liver tissues were collected from a sub-set of individuals ( $n=5/\text{dose}$  group) of embryos at mid-incubation (day 9) for RNA extraction.