General Information:

1. Title of Dataset: A common endocrine signature marks convergent evolution of an elaborate dance display in frogs
2. Author Information:
   1. Principle Investigator Contact Information
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Data and File Overview:

1. File List:
   1. ‘Frog AR Convergence Full Data.xlsx’: contains all the androgen receptor transcription **raw** data for each tissue and species in the study

Methodological Information:

Quality assurance procedures performed on our data in our analyses: For our analyses, we first removed extreme outliers defined as 3x greater or lower than the population interquartile range. We also log transformed our data to ensure a normal distribution.

Data-Specific Information For: [Frog\_AR\_Convergence\_Full\_Data.xlsx]:

1. Number of Variables: 4
2. Number of Rows: 148
3. Variable List:
   1. ‘Animal ID’ – The identification code for each individual frog for each species.
   2. ‘Species’ – The species name.
   3. ‘Tissue’ – The tissue type (either leg or neural).
   4. ‘AR’ – the raw mRNA transcript value obtained from qPCR files.