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
		1. Name: Matthew J. Fuxjager
		2. Institution: Brown University
		3. Email: matthew\_fuxjager@brown.edu
	2. Co-investigator Contact Information
		1. Name: Nigel K. Anderson
		2. Institution: Brown University
		3. Email: nigel\_anderson@brown.edu

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.