











# Chapter 1 - Progress

Aim: Find out the Type of Dosage Compensation in Neo-X with a multi-species approach

- Get *T. confusum* Neo-X Expression in males
- Compare *T. confusum* Neo-X with Ancestral State.
  - Use *T.castaneum*, *T.fremani*, *T.brevicornis* and *G.cornutus* to estimate Ancestral State.
- Determine the Type of Dosage Compensation in Neo-X.

✓ Data collected

✓ 90% Data Analysis

!! Phylogenetic Tree for the 5 species with divergence time estimates is not available.

✓ 60% Writing Done

Dosage Compensation  
Pipeline

