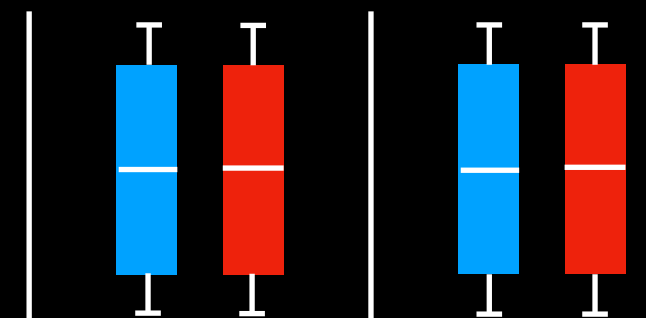


## Chapter 1

Comparing RNA-Seq vs  
microarray for whole body  
sample

Do microarrays and RNA-Seq tell a  
consistent story in *T. castaneum*?

Microarray vs RNA-Seq



## Methods:

- Whole Body Samples - Males and Females.
- RNA-Seq.
- Saturation Analysis
  - Find Optimal Depth
- Compare Median Expression between males and females for X(X) chromosome and autosome.
- Compare Microarrays vs RNA-Seq.

(Expected) Results: