







A large, empty rectangular box with rounded corners and a blue border, intended for a response or drawing.



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Introduction...

Tissue Specific Expression in
T. castaneum



Does *T. castaneum* exhibit
MSCI in male germline
tissues?



Compare
Meiotic
vs
Non-Meiotic Cells

- One of the major reasons for such controversy is the *contamination of tissues with different types of cells*.
- Based on the preliminary experiments from microarray, the X-linked genes in male gonadal tissues of *T. castaneum* have a lower expression profile.
- However, we don't know if *T. castaneum* exhibits Meiotic Sex Chromosome Inactivation (MSCI).

Germline Expression Levels

