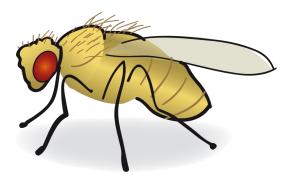
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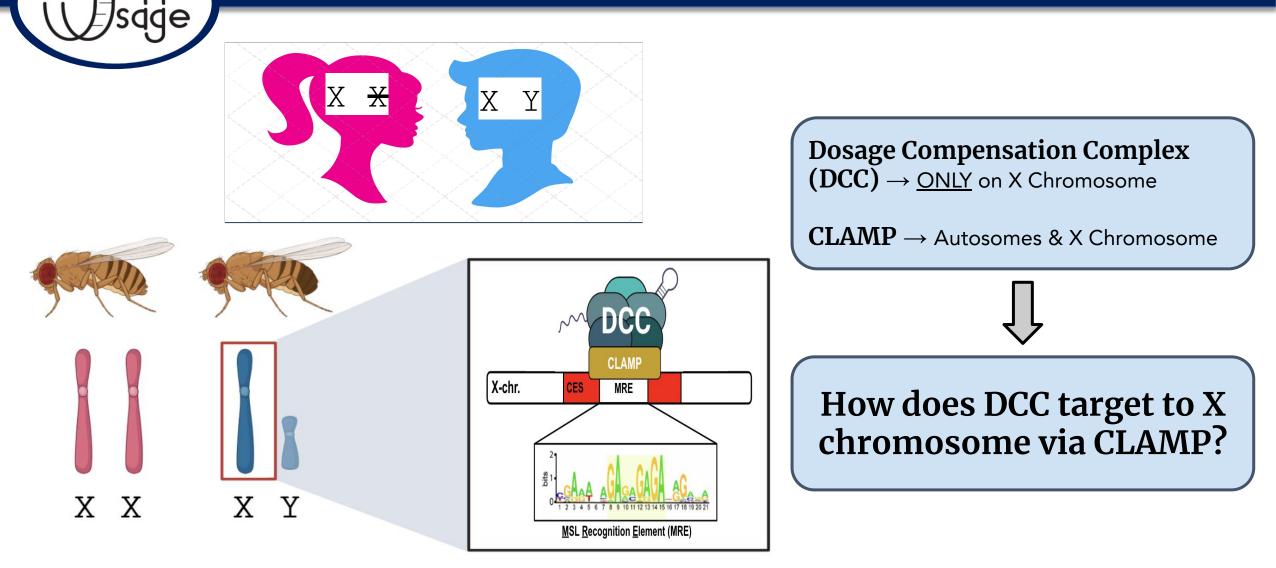
Targeting an Active Chromatin Domain to the Drosophila X-chromosome



Undergraduate Researcher - Melissa Aldana Larschan Lab - Brown University



Context & Background



Larschan et al., 2012 Soruco. M.*. Cherv. J.* et al. 2013

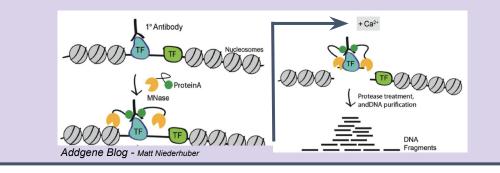


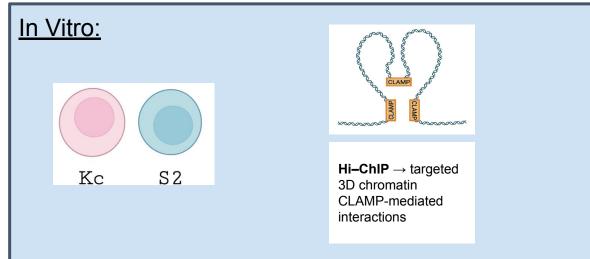
Methods

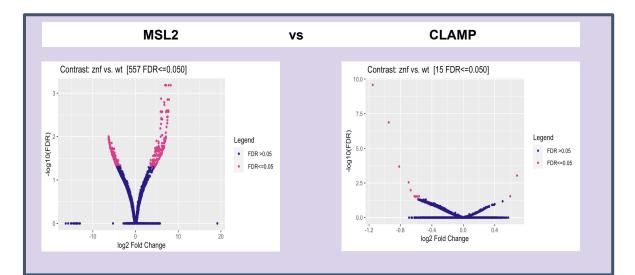
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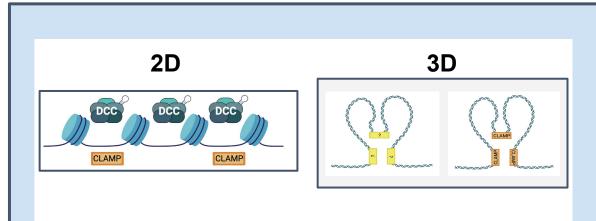
Results

In Vivo: **CUT & RUN** \rightarrow Transcription factor enrichment \rightarrow where CLAMP and MSL2 are binding









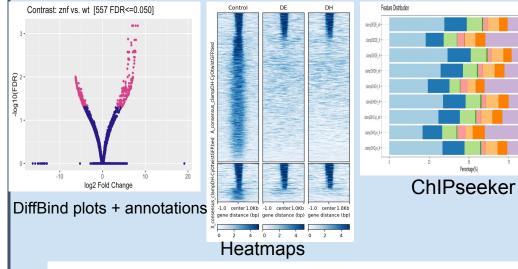


Conclusion

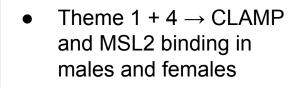
Significance

Learning Outcomes

- Computational Analysis



- Wet Lab skills
 - RNAi synthesis
 - Cell culture (harvesting, expanding, and maintaining)
 - Hi-ChIP



• Larval stage vs embryonic cells

Promoter (1-3/b)

Promoter (2-3kb)

Other Econ

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Other Intran

Downsteam (<<3

Acknowledgements:



Dr. Erica Larschan Joseph Aguilera Larschan Laboratory Brown Genomics Core Facility Brown MCB Brown University My family ♡

Research

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