

Eisen Lab, Fresh Cow Dung

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Abstract

This protocol is from:

Hare EE, Peterson BK, Iyer VN, Meier R, Eisen MB (2008) Sepsid *even-skipped* Enhancers Are Functionally Conserved in *Drosophila* Despite Lack of Sequence Conservation. PLoS Genet 4(6): e1000106. doi:10.1371/journal.pgen.1000106

Please see the [full manuscript](#) for additional details.



(Image: [calf](#), Jim Champion, CC BY-SA)

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Guidelines

"Based on our experience, we believe that more extensive embryological and molecular work with sepsids is very feasible, although some may find the need to provide the colonies with fresh cow dung objectionable."

Protocol

Step 1.

Locate free-ranging, grass fed, and antibiotic-free Milking Shorthorn cows (*Bos taurus*)

📌 NOTES

Lenny Teytelman 17 Dec 2015

We used: Cows in the Tilden Regional Park in Berkeley, CA

Step 2.

Approach resting cows with caution

Step 3.

Startle the cows by loud shouting

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Cows should rapidly stand up, defecate, and move away from the source of the annoyance.

Step 4.

Collect dung in ZipLoc bags (1 gallon)

Step 5.

Snap-frozen and store at -80°C

📌 NOTES

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Thaw dung aliquots at 4°C and moisten slightly before use.