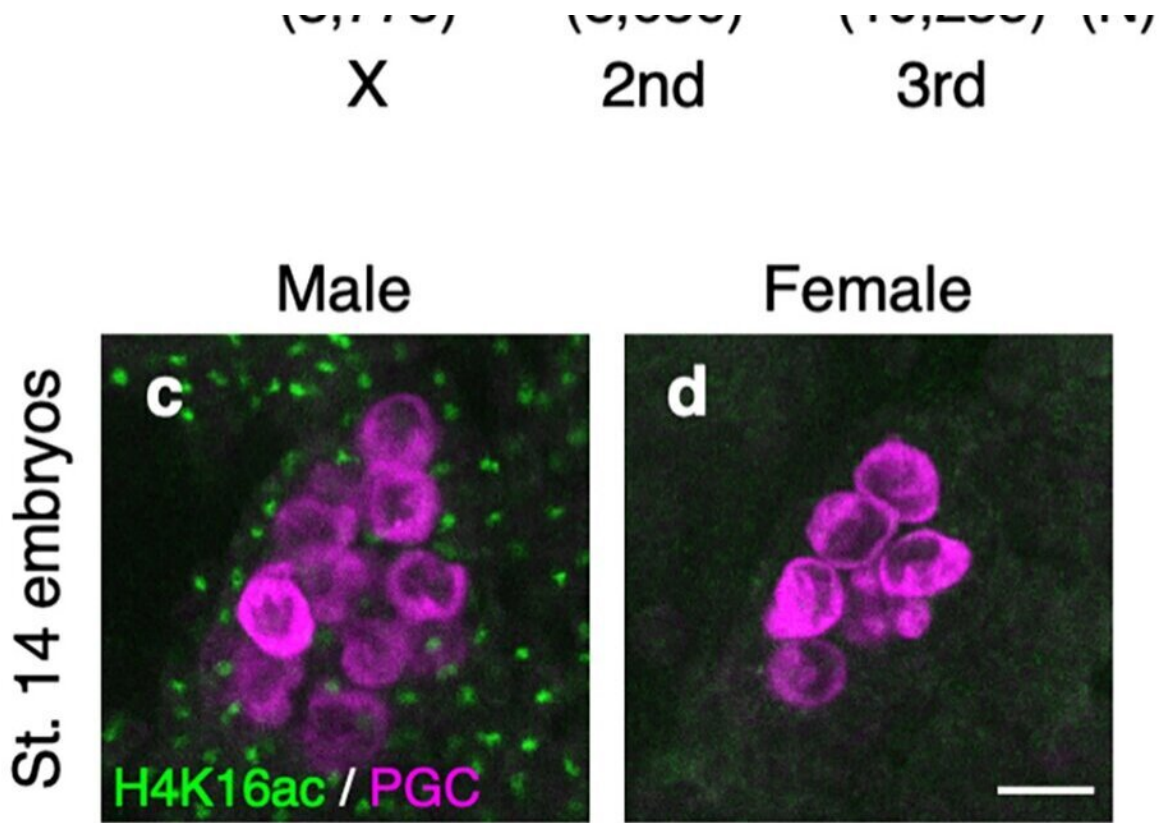


# X marks the spot: How genes on the sex chromosomes are controlled

March 9 2021



Dosage compensation is absent in embryonic PGCs. (a) Log<sub>2</sub> expression ratio of transcripts from genes on the X (pink), second (light blue), and third chromosomes (lime green) between female and male PGCs (female/male) at embryonic stages 12–16. Each box plot represents the median value and first and third quartile values. Error bars represent minimum and maximum values. Red plus signs represent mean values. Outliers are not depicted. The mean values for the transcripts from genes on the X, second, and third chromosomes were 0.94, – 0.08, and – 0.10, respectively. Significance was calculated by two-sided

Mann–Whitney U test (\*: P

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