

CORRECTION

Correction: Temperature Stress Mediates Decanalization and Dominance of Gene Expression in *Drosophila melanogaster*

The *PLOS Genetics* Staff

The images for Figs 3 and 4 are incorrectly switched. The image that appears for Fig 3 corresponds to Fig 4 and vice versa. Please view the correct figures and their corresponding legends here. The publisher apologizes for the error.



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Correction: Temperature Stress Mediates

Decanalization and Dominance of Gene Expression
in *Drosophila melanogaster*. PLoS Genet 12(5):
e1006079. doi:10.1371/journal.pgen.1006079

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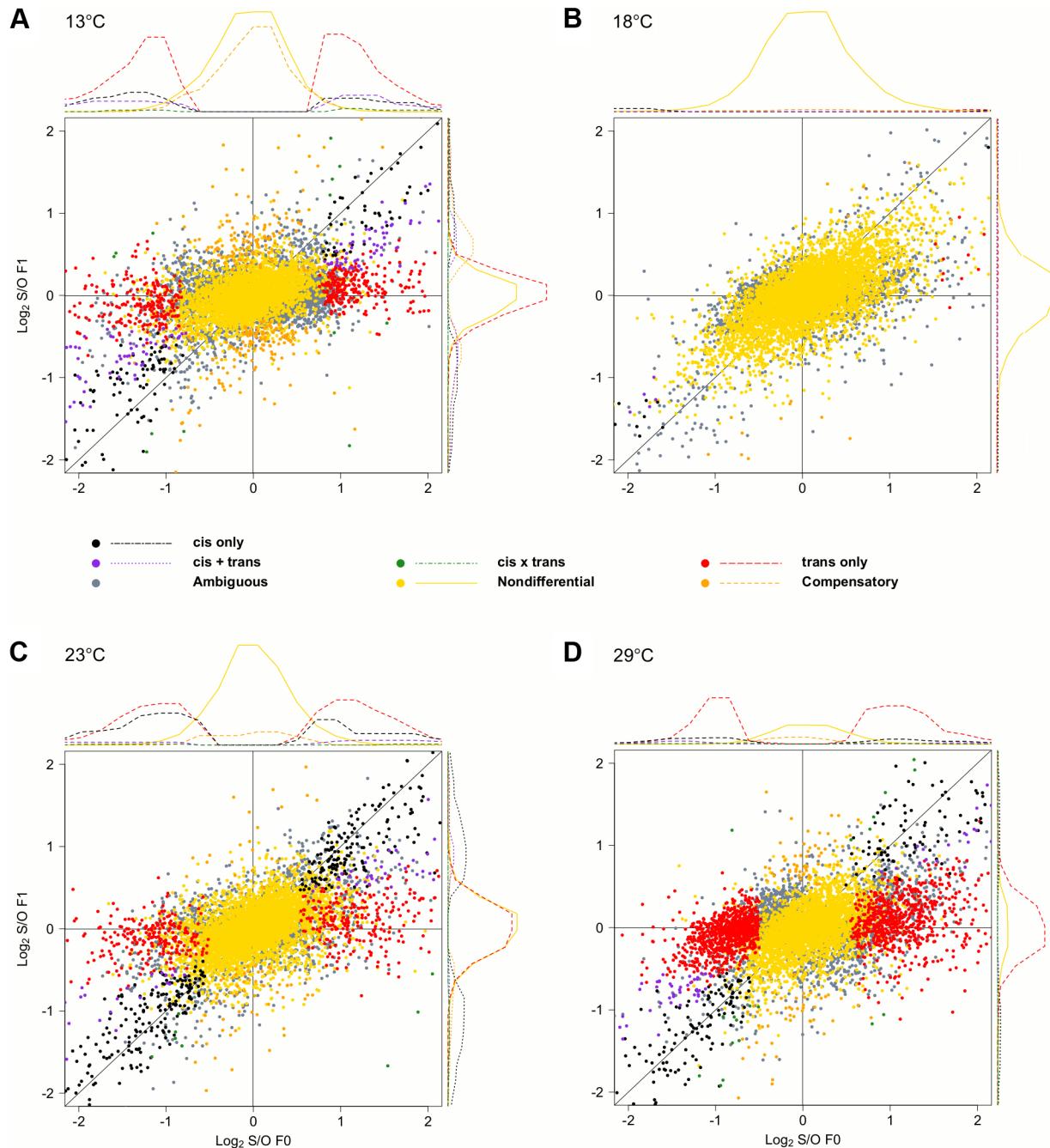


Fig 3. Temperature-dependence of cis- and trans-effects. Scatter plots contrasting the relative allelic expression levels of parents and F1 offspring. Since the large number of genes makes a quantitative assessment difficult, we also show the density distribution for each class of genes. For representation purposes density distribution of genes with no significant differences in gene expression (yellow) is scaled by 1/10. While at (B) 18°C almost no allelic heterogeneity is present, the number of cis- and trans-effects increases with more extreme temperatures, (A) 13°C (C) 23°C and (D) 29°C.

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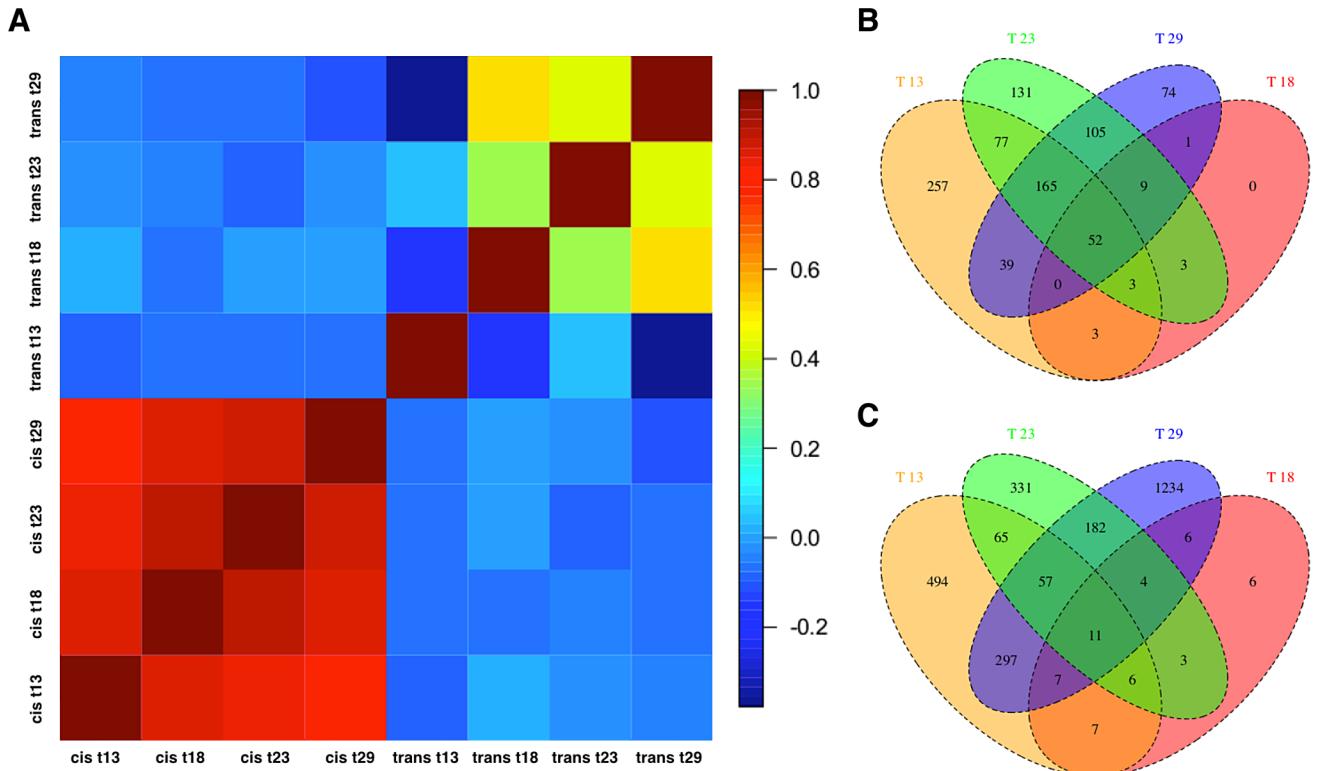


Fig 4. Temperature dependence of cis- and trans-regulatory differences. (a) Pairwise correlation coefficient matrix (Spearman's r) between cis-effects and trans-effects across all temperatures. The correlation of cis-effects across environments was more similar than the one of trans-effects. (b) Venn Diagram showing the number of cis-regulated and (c) trans-regulated genes at four different temperatures.

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Reference

- Chen J, Nolte V, Schlötterer C (2015) Temperature Stress Mediates Decanalization and Dominance of Gene Expression in *Drosophila melanogaster*. PLoS Genet 11(2): e1004883. doi:[10.1371/journal.pgen.1004883](https://doi.org/10.1371/journal.pgen.1004883) PMID: 25719753