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### Title

Correction: Incomplete dominance of deleterious alleles contributes substantially to trait variation and heterosis in maize

### Permalink

<https://escholarship.org/uc/item/0c64k2b5>

### Journal

PLOS Genetics, 17(9)

### ISSN

1553-7390

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### Publication Date

2021

### DOI

10.1371/journal.pgen.1009825

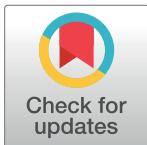
Peer reviewed

## CORRECTION

# Correction: Incomplete dominance of deleterious alleles contributes substantially to trait variation and heterosis in maize

Jinliang Yang, Sofiane Mezmouk, Andy Baumgarten, Edward S. Buckler, Katherine E. Guill, Michael D. McMullen, Rita H. Mumm, Jeffrey Ross-Ibarra

In [Fig 1](#), panel a is incorrect. Please see the correct [Fig 1](#) here.



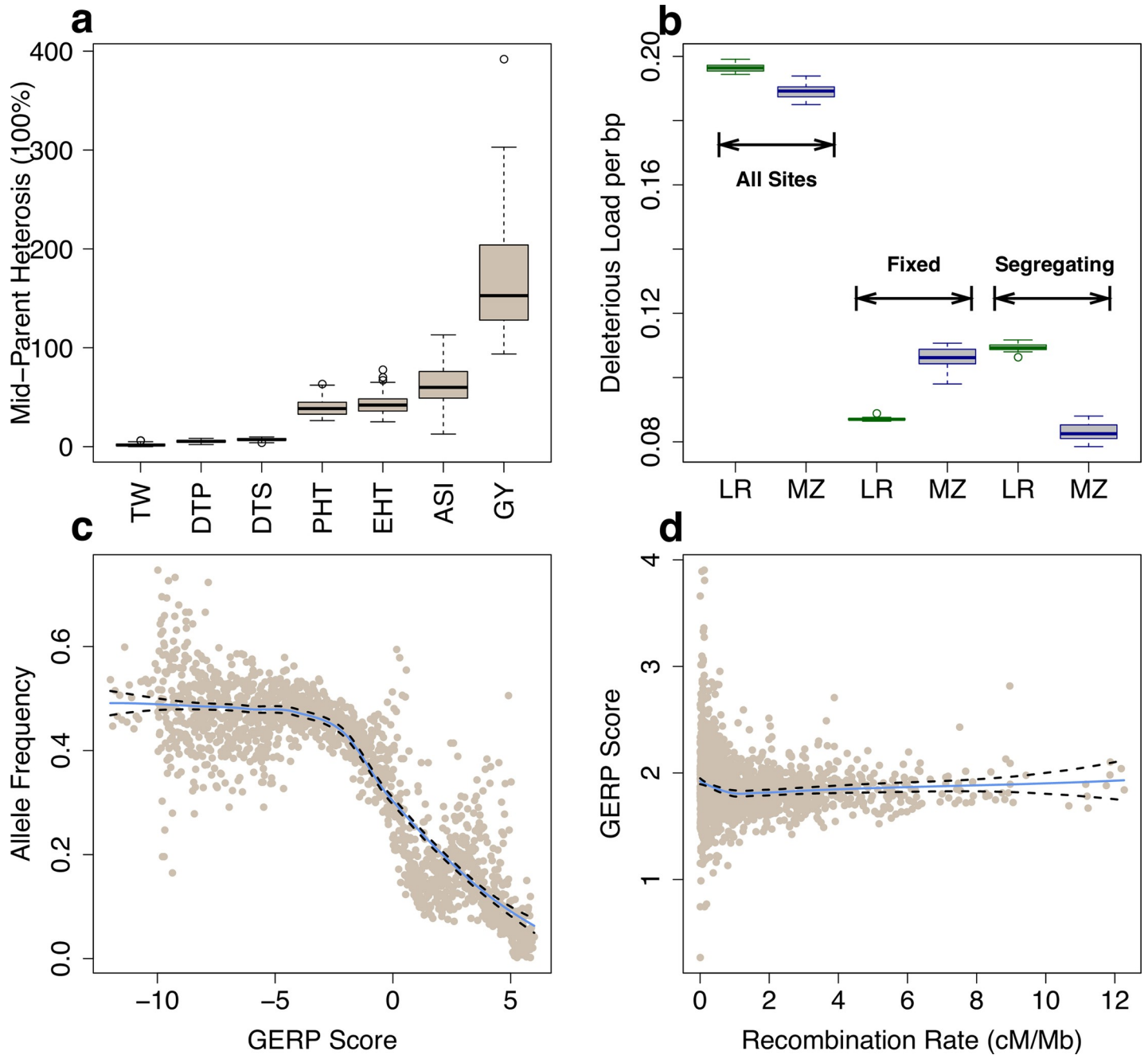
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## OPEN ACCESS

**Citation:** Yang J, Mezmouk S, Baumgarten A, Buckler ES, Guill KE, McMullen MD, et al. (2021) Correction: Incomplete dominance of deleterious alleles contributes substantially to trait variation and heterosis in maize. *PLoS Genet* 17(9): e1009825. <https://doi.org/10.1371/journal.pgen.1009825>

**Published:** September 28, 2021

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**Fig 1. Heterosis and deleterious variants.** (a) Boxplots (median and interquartile range) of percent mid-parent heterosis (MPH). (b) Proportion of deleterious alleles in landraces (LR, green) and elite maize (MZ, blue) lines. (c) The allele frequency of the minor alleles in the multi-species alignment in bins of 0.01 GERP score (including GERP  $\leq 0$  sites). (d) The mean GERP score for putatively deleterious sites (GERP  $> 0$ ). Each point represents a 1 Mb window. In (c) and (d) the solid blue and dashed black lines define the best-fit regression line and its 95% confidence interval.

<https://doi.org/10.1371/journal.pgen.1009825.g001>

In [S1 Table](#), the values in the eleventh column, “Mid-parent\_Heterosis”, are incorrect. Please view the correct [S1 Table](#) below.

## Supporting information

**S1 Table. Best Linear Unbiased Estimator (BLUE) values and levels of heterosis of the seven phenotypic traits for the 66 hybrids.** Abbreviations for phenotypic traits are plant height (PHT, in cm), height of primary ear (EHT, in cm), days to 50% pollen shed (DTP), days to 50% silking (DTS), anthesis-silking interval (ASI, in days), grain yield adjusted to 15.5% moisture (GY, in bu/A), and test weight (TW, weight of 1 bushel of grain in pounds). (CSV)

## Reference

1. Yang J, Mezouk S, Baumgarten A, Buckler ES, Guill KE, McMullen MD, et al. (2017) Incomplete dominance of deleterious alleles contributes substantially to trait variation and heterosis in maize. *PLoS Genet* 13(9): e1007019. <https://doi.org/10.1371/journal.pgen.1007019> PMID: [28953891](https://pubmed.ncbi.nlm.nih.gov/28953891/)