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BMC Genomics

CORRECTION

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Correction: Exploring crop genomes: assembly features, gene prediction accuracy, and implications for proteomics studies

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Correction: BMC Genomics 25, 619 (2024)
https://doi.org/10.1186/s12864-024-10521-w

Following publication of the original article, it was noticed that the sensitivity and specificity values of GALBA were reported incorrectly, leading to an error in Fig. 4, and 4b. The incorrect and correct versions of Fig. 4a and b. are given in this correction article.

The online version of the original article can be found at https://doi.org/10.1186/s12864-024-10521-w.

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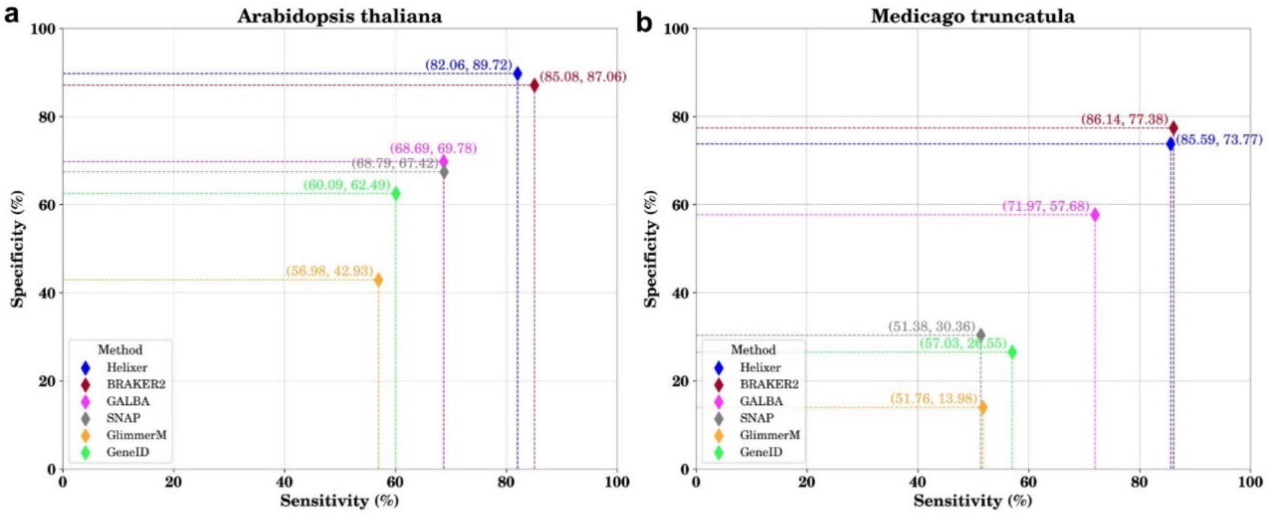
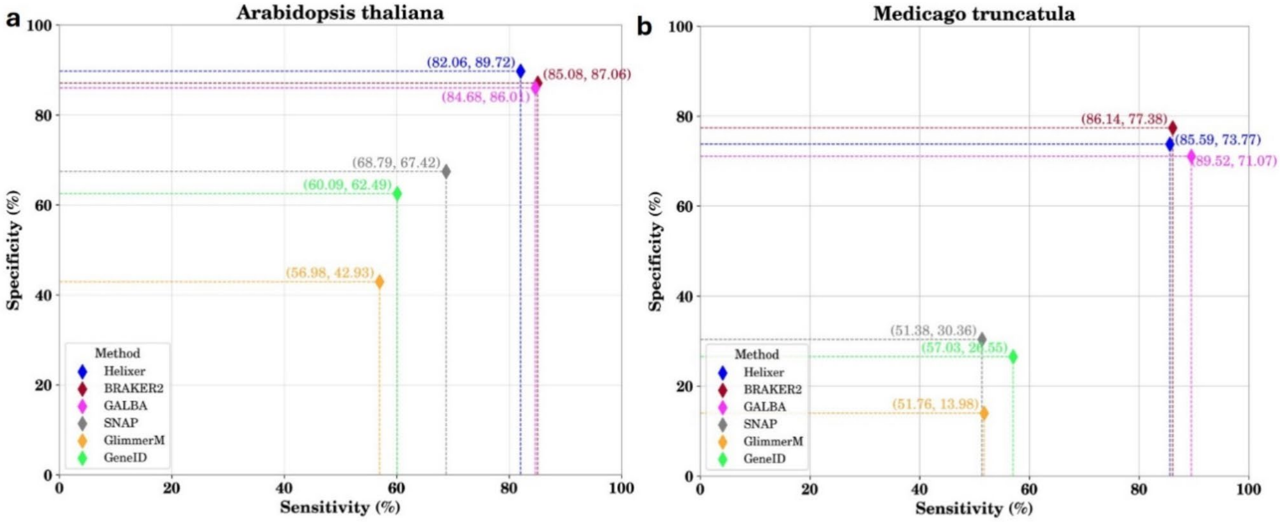
Incorrect figure panels:



Correct Fig. 4a and b:



The following text in the 'Benchmarking gene prediction tools' relating to Fig. 4 has been corrected as a result of this correction.

Original text:

The benchmarking of the selected gene prediction tools was conducted against the well-curated reference annotations of the *Arabidopsis thaliana* and *Medicago truncatula* model plant genomes. These tools do not rely on species-specific transcriptomics or proteomics data. Comparative analysis revealed that BRAKER2, GALBA and Helixer exhibited superior performance in terms of sensitivity and specificity compared to the other tools assessed (Fig. 4a and b).

Corrected text:

The benchmarking of the selected gene prediction tools was conducted against the well-curated reference annotations of the Arabidopsis thaliana and Medicago truncatula model plant genomes. These tools do not rely on species-specific transcriptomics or proteomics data. Comparative analysis revealed that BRAKER2, GALBA and Helixer exhibited superior performance in terms of sensitivity and specificity compared to the other tools assessed (Fig. 4a and b). While GALBA was specifically designed to work well with genomes that present challenges for BRAKER2—such as large genomes with abundant repeats and high GC content—it will not be included in this study and will be evaluated in future research.

The original article has been updated.

Publisher's note