



OPEN **Retraction Note: Comparison of traditional and new generation DNA markers declares high genetic diversity and differentiated population structure of wild almond species**

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Retraction of: *Scientific Reports* <https://doi.org/10.1038/s41598-017-06084-4>, published online 20 July 2017

The Editors have retracted this article.

After publication concerns were raised that there were anomalies in Supplementary Figures 1 and 2. However, the authors were unable to provide higher resolution images to allow the veracity of these data to be confirmed. Additionally the graph showing the genetic diversity of the wild almond species, which is a part of Figures 1, 2, 3 and 5, appears to be a duplication of a graph showing the genetic diversity of the liquorice species in Figure 2 in Hakimi et al.¹, of the barley species in Figure 2 in Rouhian et al.², and of olive species in Figures 1 and 2 in Khaleghi et al.³.

The Editors therefore no longer have confidence in the validity of the results and conclusions reported in this article.

All authors agree with the retraction.

References

1. Retracted article: Hakimi, A., Zolfaghari, M. & Sorkheh, K. Genetic structure and diversity analysis revealed by AFLP markers on different *Glycyrrhiza glabra* L. an endangered medicinal species from south of Iran and implications for conservation. *Biochem. Genet.* **55**, 345 <https://doi.org/10.1007/s10528-016-9775-4> (2016).
2. Rouhian, S., Ahmadi, D. N. & Sorkheh, K. Development of Dof (DNA binding with one finger) transcription factor gene-specific primers through data mining as a functional marker and their use for genetic diversity study in barley (*Hordeum vulgare* L.) germplasm. *Genes Genom.* **39**, 567–579 (2017).
3. Khaleghi, E., Sorkheh, K., Chaleshtori, M. H. & Ercisli, S. Elucidate genetic diversity and population structure of *Olea europaea* L. germplasm in Iran using AFLP and IRAP molecular markers. *3 Biotech.* **7**, 71 <https://doi.org/10.1007/s13205-017-0669-x> (2017).

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