

RETRACTION

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Tör M., Brown D., Cooper A., Woods-Tör A., Sjölander K., Jones J.D.G., and Holub E.B. Arabidopsis Downy Mildew Resistance Gene *RPP27* Encodes a Receptor-Like Protein Similar to *CLAVATA2* and Tomato *Cf-9*.

The authors wish to communicate the following retraction. This article reported that the allele of gene At1g54480 from Landsberg *erecta* (*Ler*)-0 encodes a receptor-like protein that confers resistance to Hiks1 and at least four *Ler*-0 avirulent/Columbia (*Col*)-0 virulent isolates of downy mildew (*Peronospora parasitica*) pathogen in an *rpp7.1* mutant background of *Col-g11*. Since the publication of the article, the authors have been unable to repeat the results in the original *Col-rpp7.1* background as well as in other *Col-rpp7* mutants, including *Col-rpp7.6*, *Col-rpp7.7*, *Col-rpp7.8*, *Col-rpp7.9*, *Col-rpp7.10*, and *Col-rpp7.11*. The observed disease resistance in the putative transformants was likely due to seed contamination of the plant lines used for transformation. For this reason, and because the authors are no longer confident in the data in Figure 2 and Table I, they hereby retract their *Plant Physiology* article. Figure 1 showing the map location of the *RPP27* locus (for *SGT1b*-independent Hiks1 resistance) is not in question. However, the gene within this mapping interval from *Ler*-0 that confers *RPP27* function has yet to be determined. The authors deeply regret this error and sincerely apologize for the inconvenience and confusion this mistake caused *Plant Physiology* and its readership.