Title: ePro-ClearSee: a simple immunohistochemical method that does not require sectioning of plant samples

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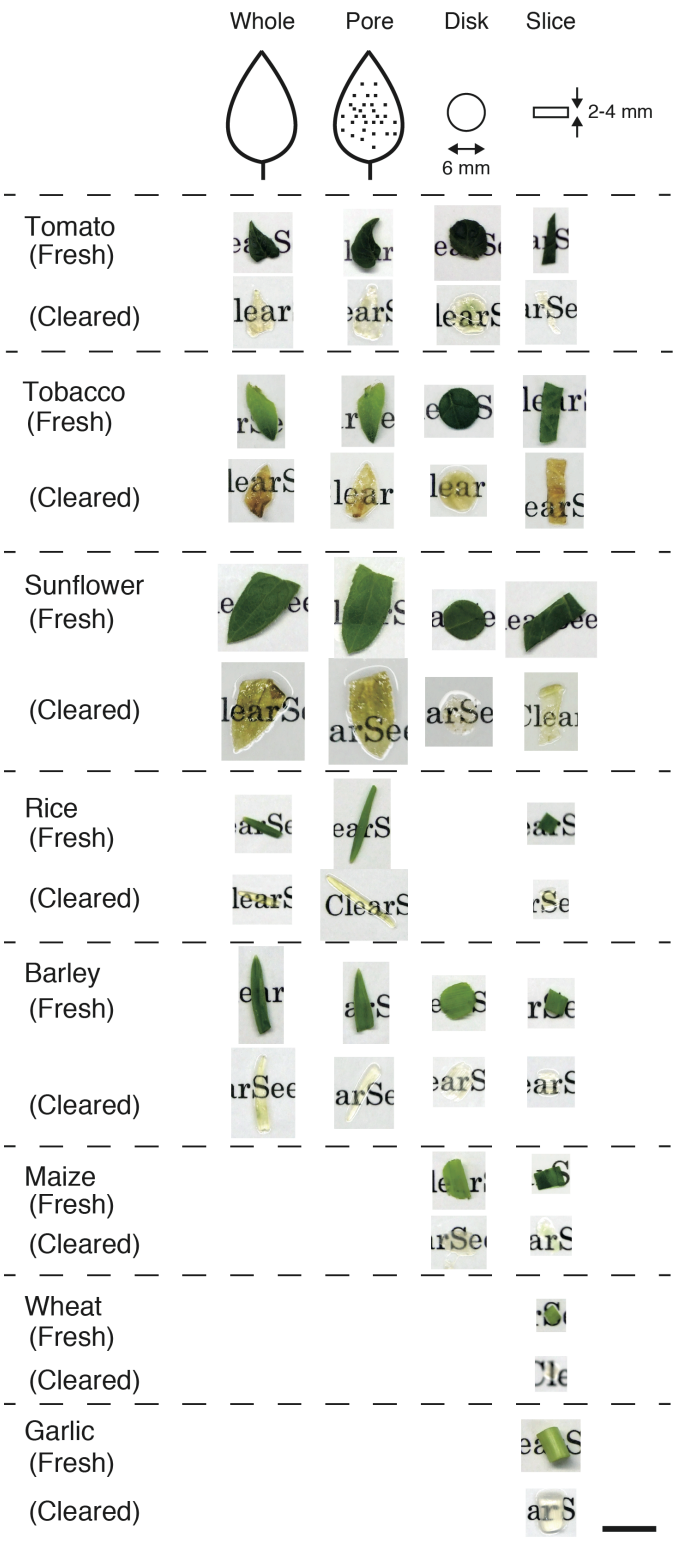

Figure S1. Clearing of leaves by the ePro-ClearSee method. Scale bar, 1 cm.

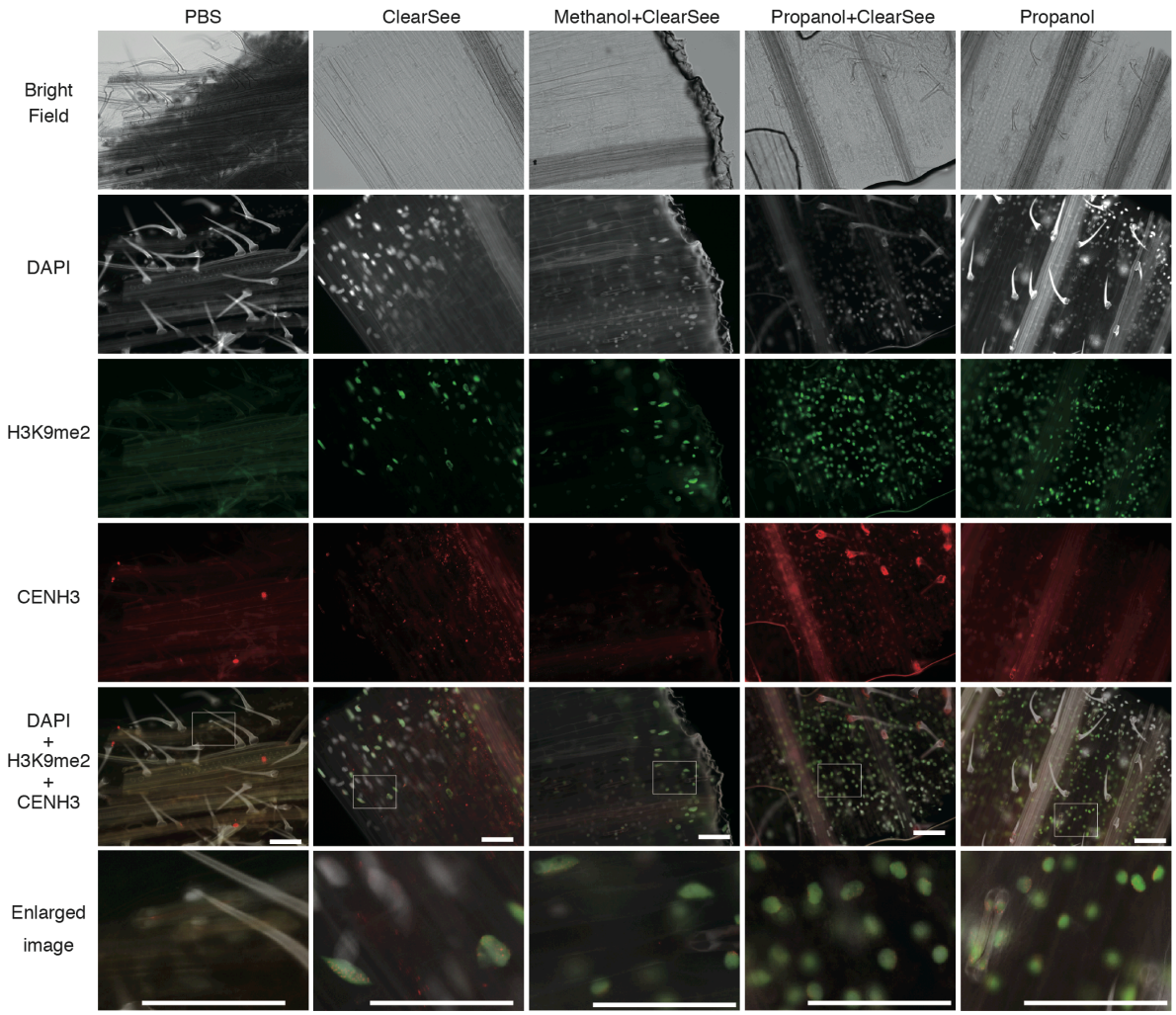

Figure S2. Effects of clearing treatments for wheat leaves. Scale bar, 100 μm.

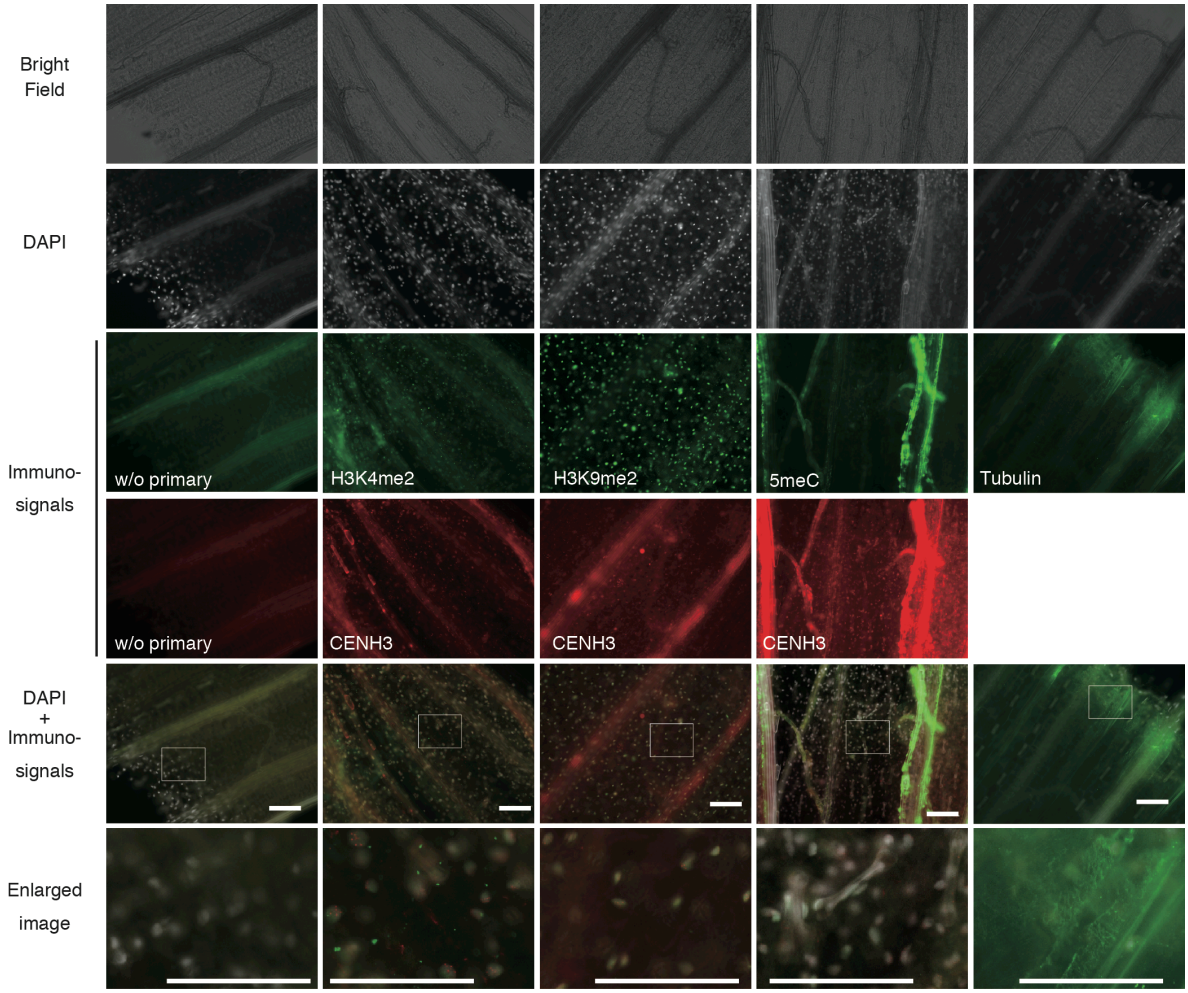

Figure S3. Two-dimensional imaging of ePro-ClearSee treated barley leaves depicting immunosignals of epigenetic modifications and tubulin. Scale bar, 100 μm.

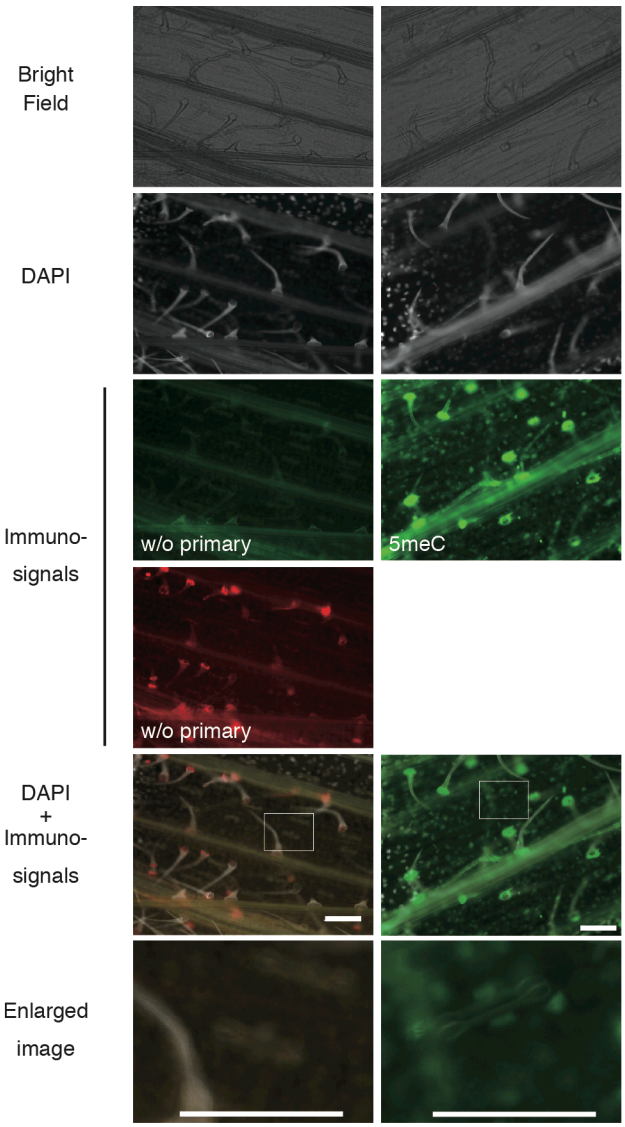

Figure S4. Two-dimensional imaging of ePro-ClearSee treated wheat leaves depicting immunosignals of 5meC. Scale bar, 100 μm.

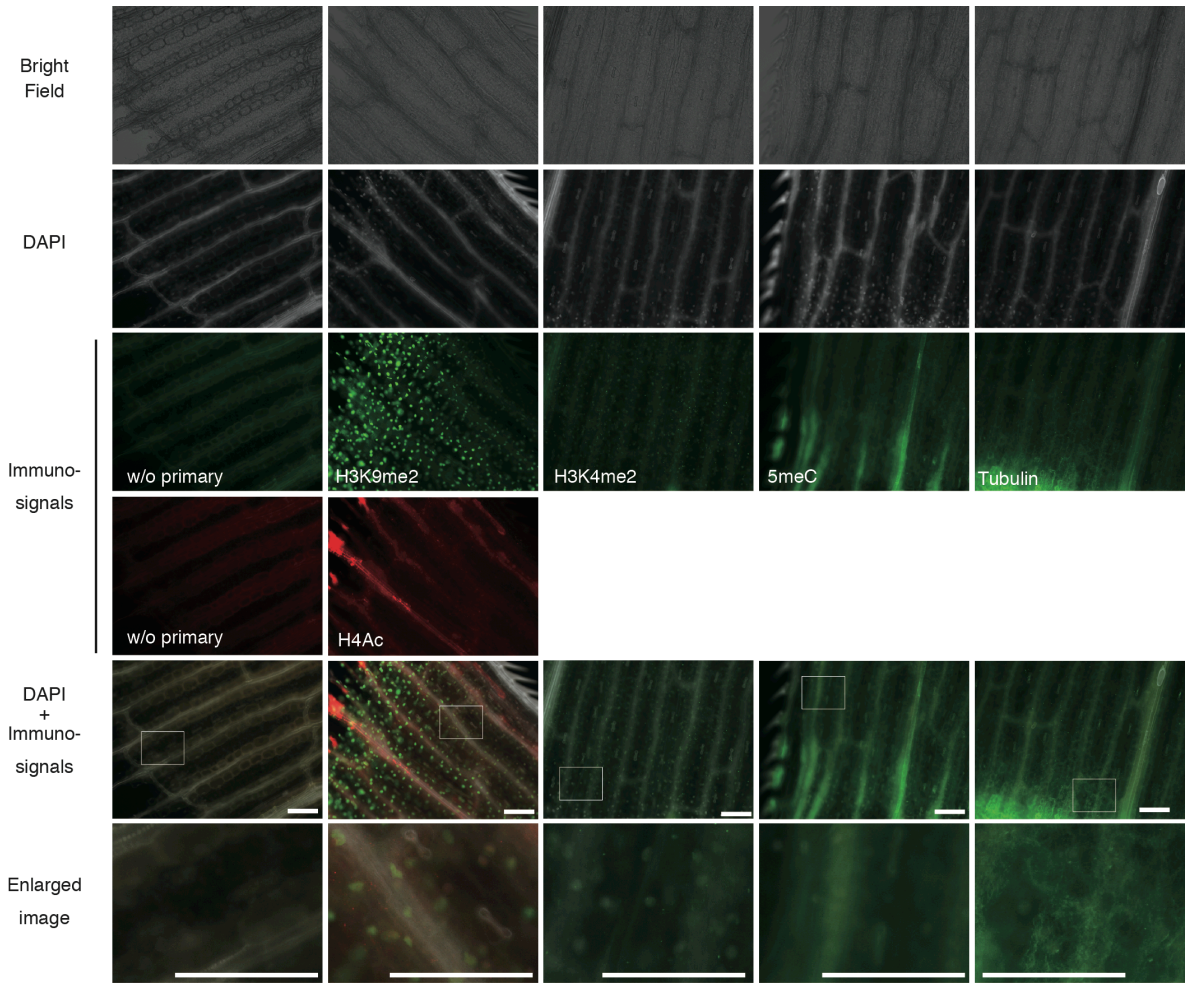

Figure S5. Two-dimensional imaging of ePro-ClearSee treated maize leaves depicting immunosignals of epigenetic modifications and tubulin. Scale bar, 100 μm.

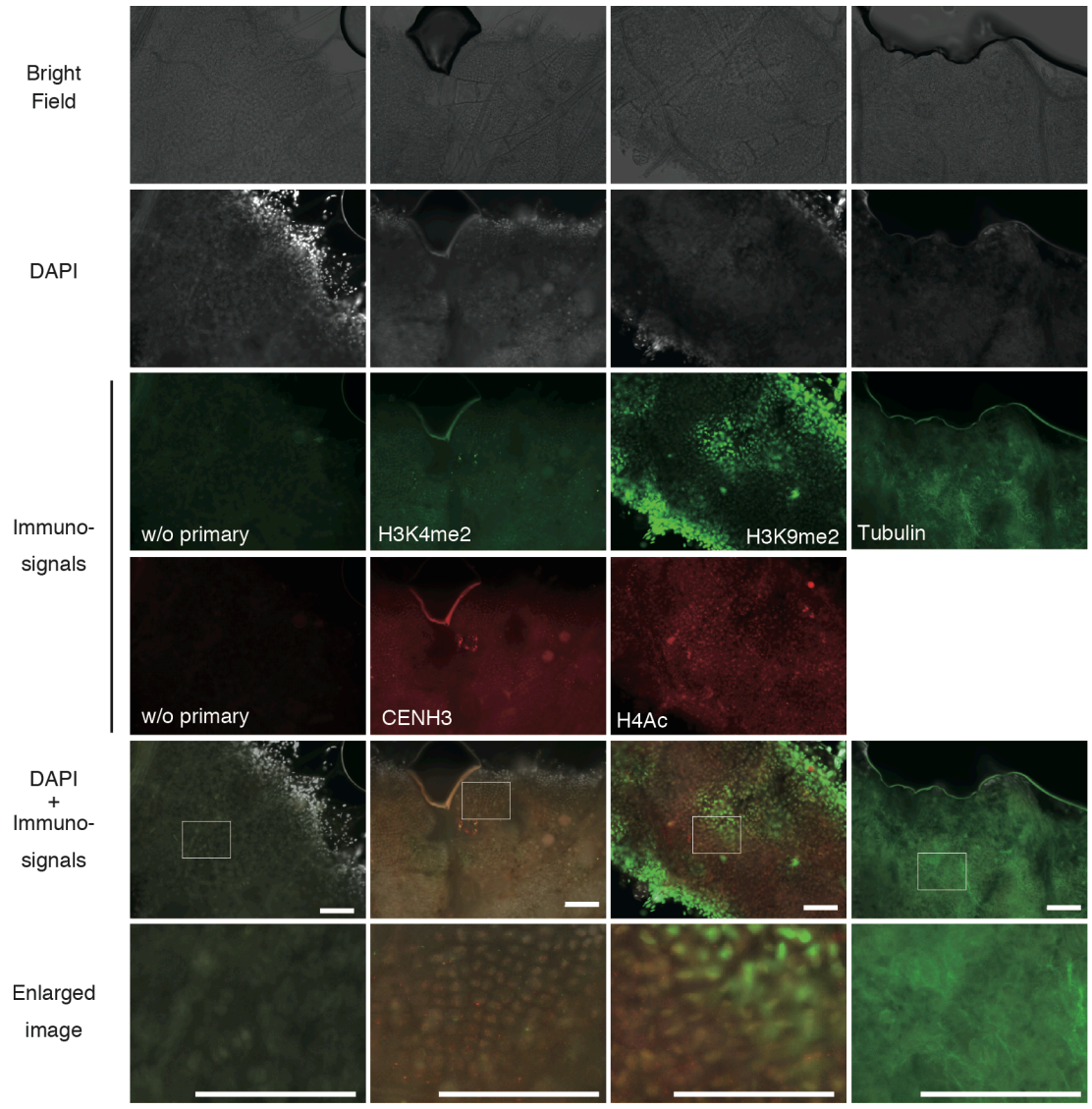

Figure S6. Two-dimensional imaging of ePro-ClearSee treated sunflower leaves depicting immunosignals of epigenetic modifications and tubulin. Scale bar, 100 μm.

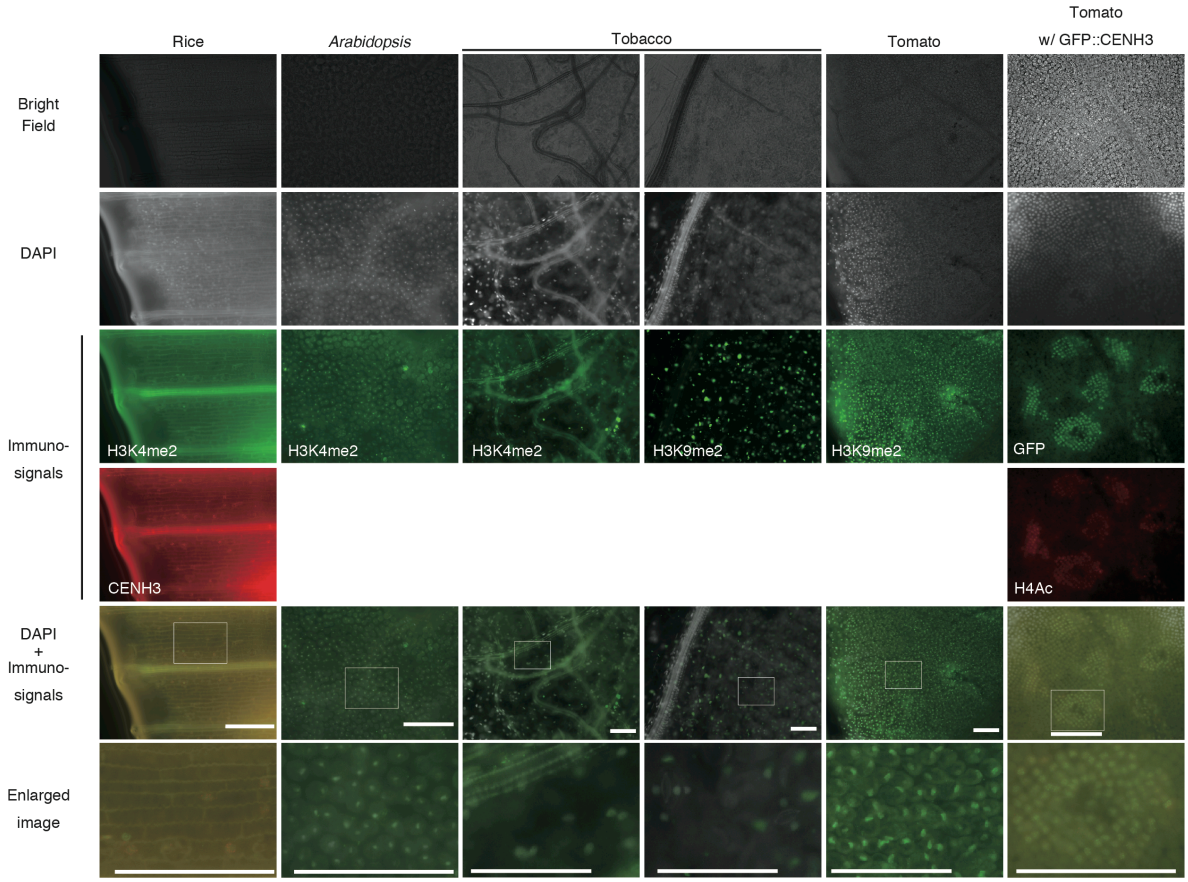

Figure S7. Two-dimensional imaging of ePro-ClearSee treated leaves depicting immunosignals of epigenetic modifications. Scale bar, 100 μm.

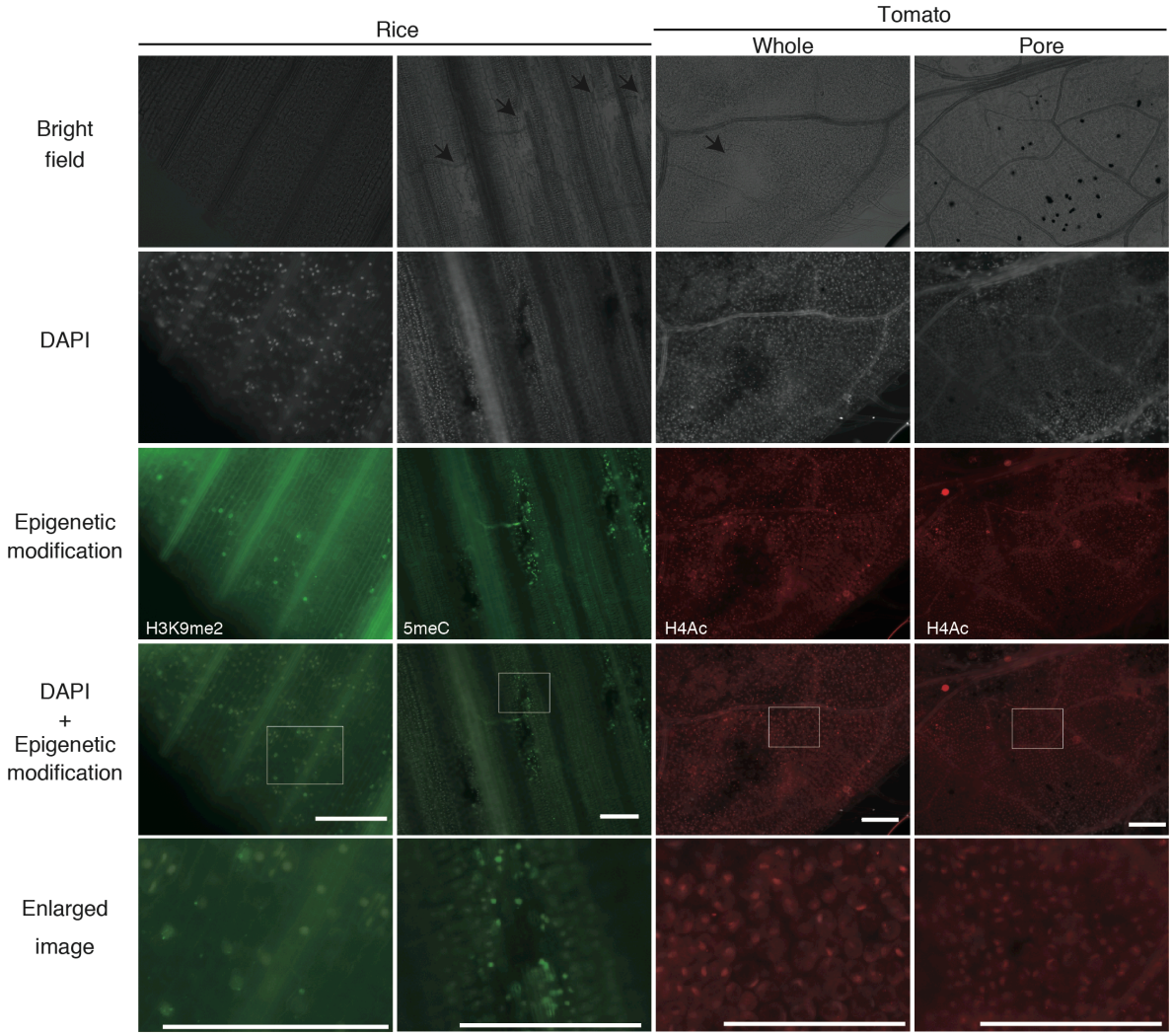

Figure S8. Two-dimensional imaging of ePro-ClearSee treated damaged leaves depicting immunosignals of epigenetic modifications. Scale bar, 100 μm. Arrows in bright field indicate damaged regions. Dots in bright field of tomato 'pore' are pores by a needle.

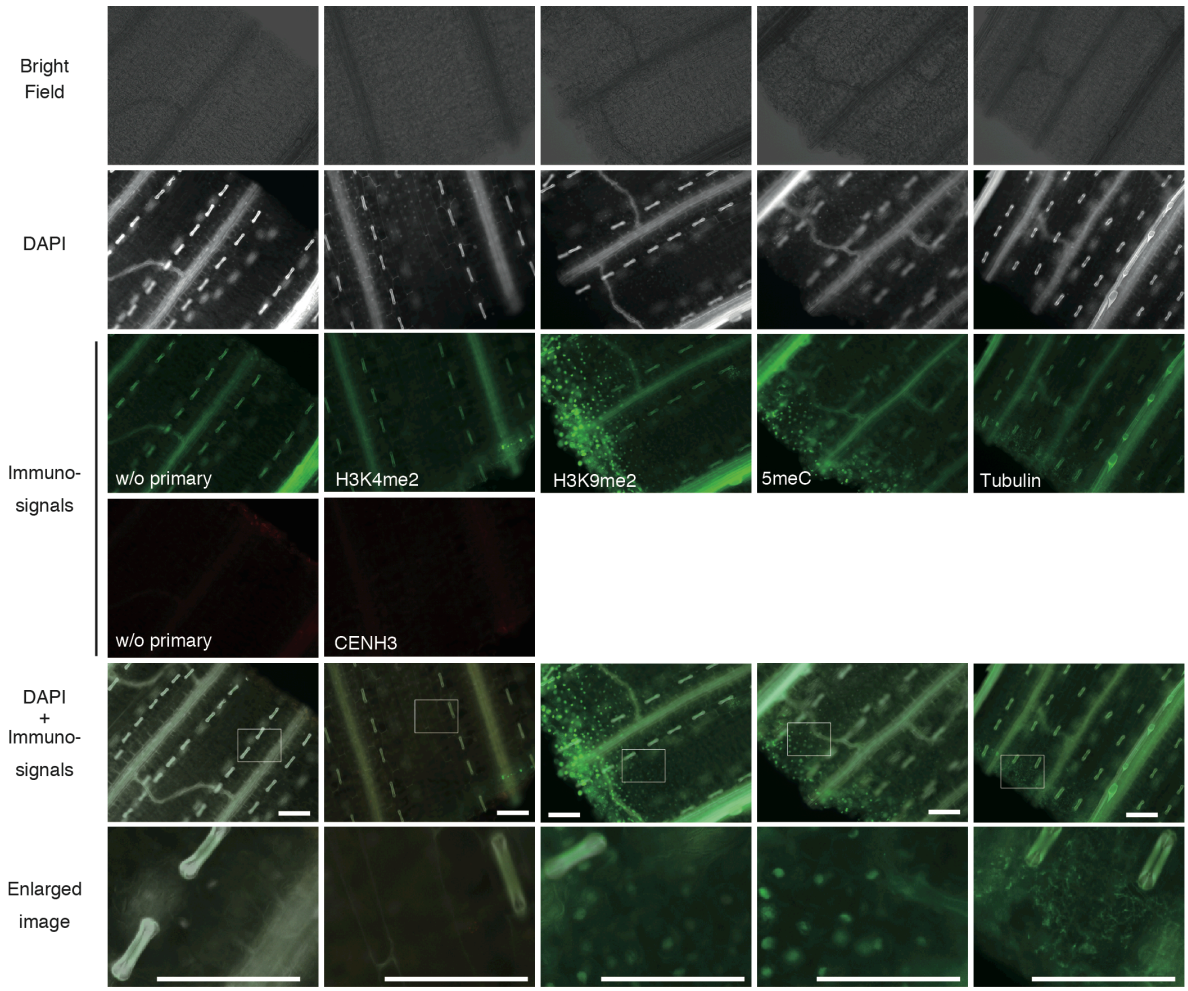

Figure S9. Two-dimensional imaging of barley leaves treated by Sauer's method depicting immunosignals of epigenetic modifications and tubulin. Scale bar, 100 μm.

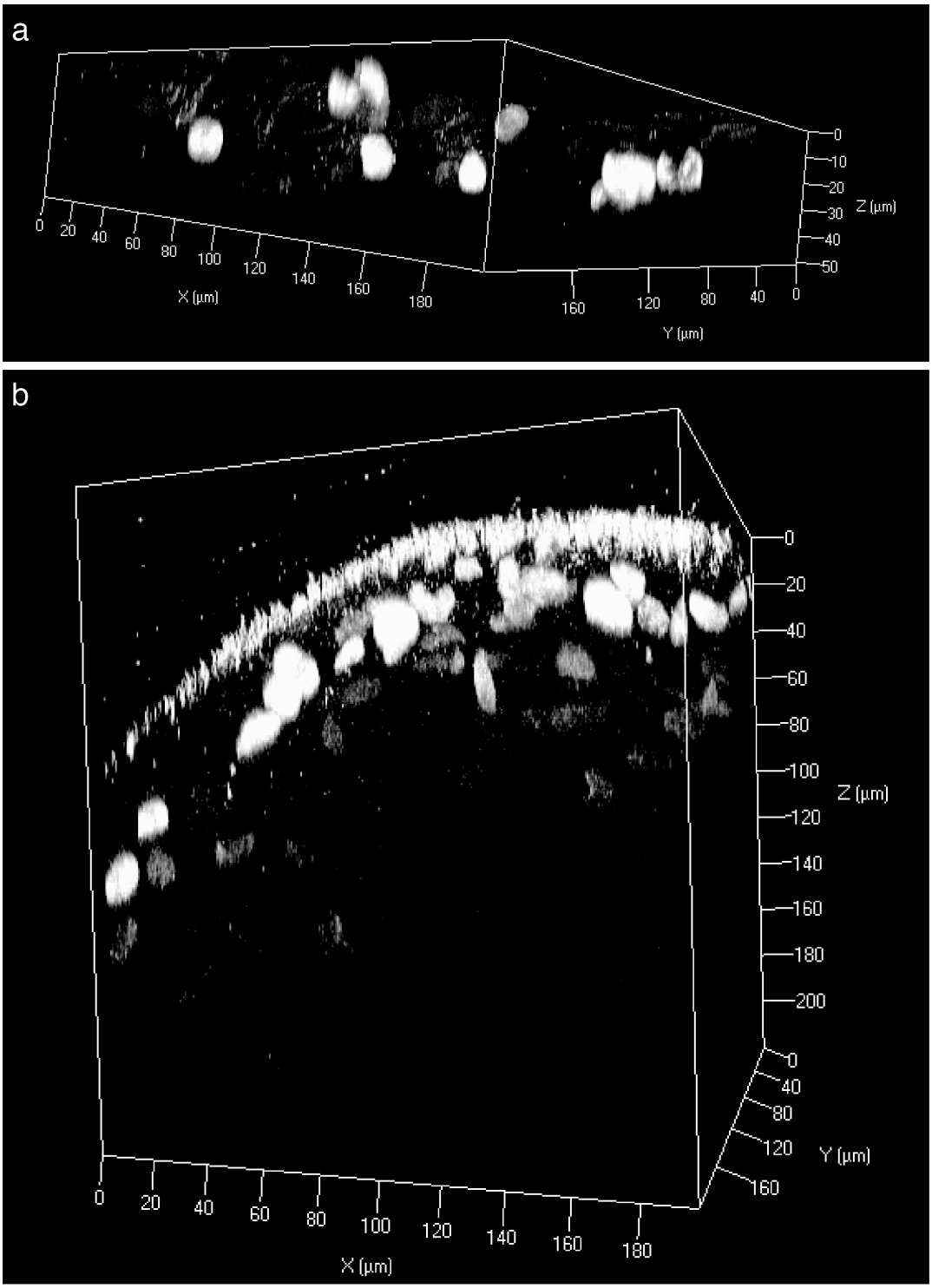

Figure S10. Three-dimensional imaging of an ePro-ClearSee-treated garlic leaf (a) and root (b) depicting immunosignals of di-methylated histone H3 at Lys9.

Movie S1. Optical sections of an ePro-ClearSee treated wheat leaf depicting immunosignals. Immunosignals of di-methylated histone H3 at Lys9 (green) and CENH3 (red) were visualized with DAPI stained nuclei (gray).