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Supplementary information for Hybridization Chain Reaction and Microscopy to Visualize Feeding Site–Specific Gene Expression in *Arabidopsis* Roots Infected by Plant-Parasitic Cyst Nematodes

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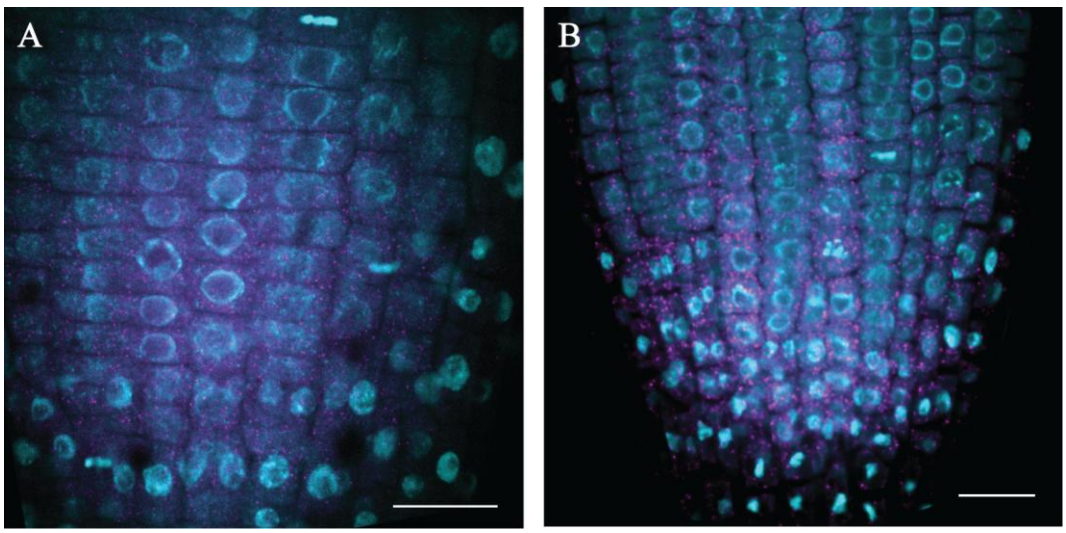

Figure S1. Single-molecule fluorescence in situ hybridization (smFISH) vs. hybridization chain reaction (HCR) spots in *Arabidopsis* seedling roots. Two independent samples stained with DAPI and with probes directed against *AtPP2AA3*, either (A) using directly labeled probes (smFISH), imaged using a 60× objective, or (B) using probes with an adaptor to which fluorescently labeled hairpins are added in a second incubation step (HCR), imaged using a 40× objective. The HCR spots, though imaged with a smaller magnification objective, are clearly brighter than smFISH spots. Scale bars: 20 µm.