Figure S1. Detail of a vertical cross-section of the tomographic image at 22 DAP showing different image processing steps. The base of the taproot, the seed, and three lateral roots are visible. (A) Raw image, (B) result of the total variation filter, (C) result of the pseudomedian filter—note the gradient towards the edges indicating beam hardening. The seed had a larger diameter than the filter kernel and was therefore preserved. (D) Difference image of C and B used for region growing. (E) Segmented root after region growing. (F) Distance transform, gray value decreases with distance from root surface.