SUPPORTING INFORMATION

Title: Three-dimensional Positron Emission Tomography/Computed Tomography Analysis of $^{13}NO_3^-$ Uptake and ^{13}N Distribution in Growing Kohlrabi

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This supporting information includes:

Figure S-1: Fused PET/CT tomograms from coronal direction for plant No.1, 42 min after $^{13}NO_3^-$ was supplied.

Movie S-1: Complete PET movies, exported from both of Xeleris and Minvista, for ^{13}N imaging in plant No.1 under normal growth condition corresponding to 7, 14, 28, 35, 42, and 49 min after $^{13}NO_3^-$ was supplied.

Movie S-2: Complete PET movies for ^{13}N imaging in plant No.2 under normal growth condition corresponding to 10, 20, 29, 39, 49, and 67 min after $^{13}NO_3^-$ was supplied.

Movie S-3: Complete PET movies for ^{13}N imaging in plant No.3 under growth conditions of normal, MSX-stressed, and recovery-from-MSX stress.

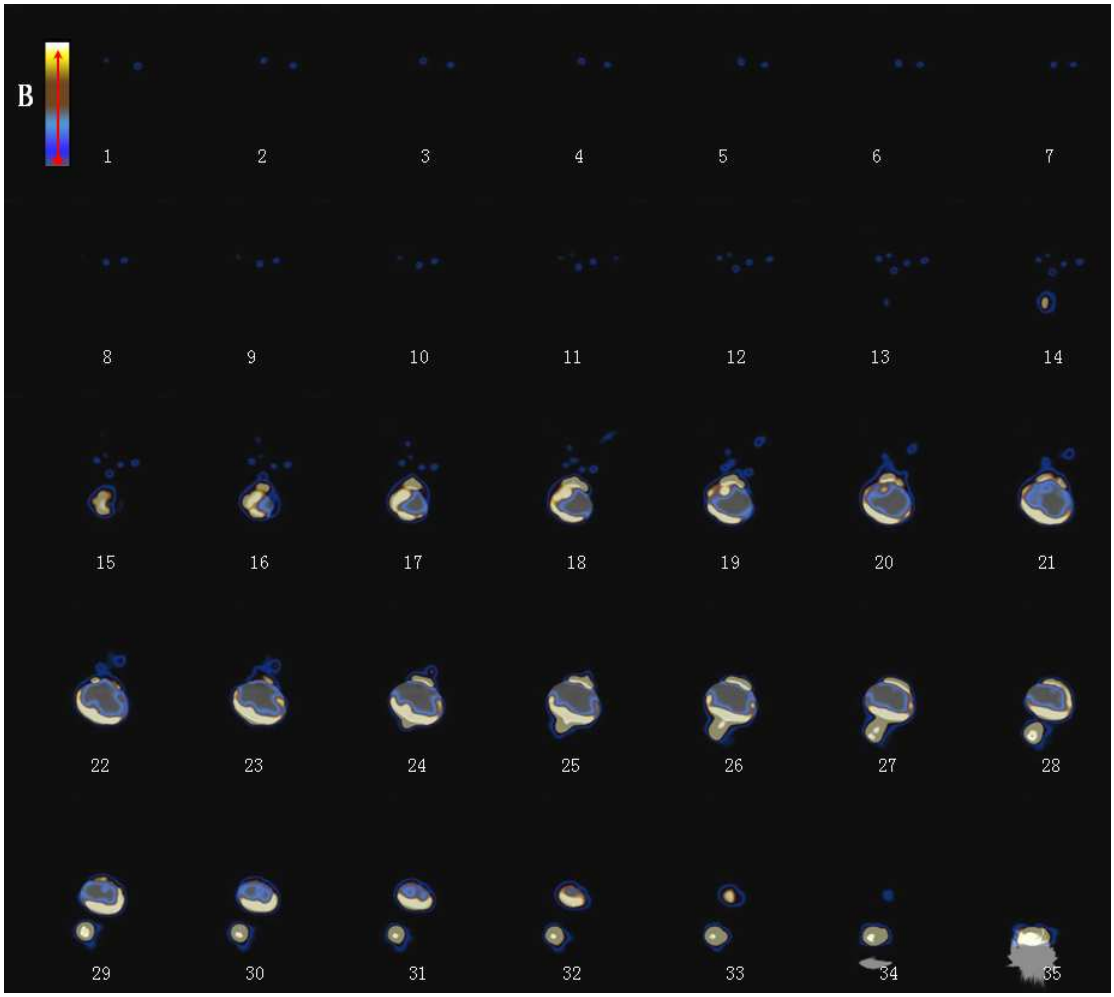

Figure S-1: Fused PET/CT tomograms from coronal direction for plant No.1, scanned 42 min after $^{13}NO_3^-$ was supplied. The tomogram sequence is numbered in white. Color bar indicates the relative radiation intensity.