

**Visible cellular distribution of cadmium and zinc in the hyperaccumulator
Arabidopsis halleri ssp. *gemmifera* determined by 2-D X-ray fluorescence imaging
using high-energy synchrotron radiation**

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Supplemental data.

Table S1 Zn concentrations of *A. halleri* in experiment 2.

Plant part	Treatment	Zn Concentration (mg kg ⁻¹)
leaf blade	0.1 µM Zn	364
	1 µM Zn (control)	597
	100 µM Zn	5670
petiole	0.1 µM Zn	106
	1 µM Zn (control)	293
	100 µM Zn	8480

The section of samples was subjected to µ-XRF imaging shown in Fig. 4 (n=1).

Table S2 Cd and Zn concentrations of *A. halleri* in experimental 3.

Plant part	Treatment	Concentration (mg kg ⁻¹)	
		Cd	Zn
leaf blade	1 µM Zn (control)	-	399
	1 µM Zn + 2 µM Cd	165	418
	1 µM Zn + 20 µM Cd	515	381
	1 µM Zn + 200 µM Cd	2140	487
petiole	1 µM Zn (control)	-	242
	1 µM Zn + 2 µM Cd	402	292
	1 µM Zn + 20 µM Cd	1390	229
	1 µM Zn + 200 µM Cd	5820	393

The section of samples was subjected to µ-XRF imaging shown in Fig. 5 (n=1).