

A

Markers	Percentage of overlaying pixels	
PEP12/AUX1	PEP12 with AUX1 3,8 +/- 5,2%	AUX1 with PEP12 2,1 +/- 3,3%
ST:YFP/AUX1	ST:YFP with AUX1 45,8 +/- 8,8%	AUX1 with ST:YFP 33,8 +/- 4%
BRI1:GFP/AUX1	BRI1:GFP with AUX1 25,5 +/- 3,7%	AUX1 with BRI1:GFP 30,1 +/- 9,2%

B

Markers	Percentage of overlaying pixels	
PIN1/AUX1	PIN1 with AUX1 80,7 +/- 4,1%	AUX1 with PIN1 34 +/- 7,6%
ARF1/AUX1	ARF1 with AUX1 81,8 +/- 8,9%	AUX1 with ARF1 36,6 +/- 9,7%
BRI1/AUX1	BRI1 with AUX1 80,6 +/- 7,9%	AUX1 with BRI1 36,9 +/- 9,5%
γCOP /AUX1	γ COP with AUX1 81 +/- 10,2%	AUX1 with γ COP 47,2 +/- 11,6%

Supl. Figure 2

Merged intracellular pixel percentages are indicated for AUX1 and subcellular marker in untreated (A) and BFA treated (B) protophloem cells (n=6).