

Supplemental data

# LAM2: An Unusual Laminaran Structure for a Novel Plant Elicitor Candidate

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**Table S1.** Monoclonal antibodies used in immunocytochemical characterization of glycopolymers.

Glycopolymer	mAb	Epitope	References
Homogalacturonan	LM19	Homogalacturonan with low degree of esterification	Verherbruggen et al., 2009 [34]
	LM20	Homogalacturonan with high degree of esterification	
Xyloglucan	LM15	Xylosylated xyloglucan (XXXG)	Marcus et al., 2008 [35]
Arabinogalactan protein	JIM13	$\beta$ GlcA-(1,3)- $\alpha$ GalA-(1,2)-Rha	Knox et al., 1991 [36] Yates et al., 1996 [37]

**Supplementary materials:** ImageJ macro developed for fluorescence intensity measurements

```
open();
path = getDirectory("image");
nomLong=getTitle();
nomCourt=File.getNameWithoutExtension(path+nomLong);
```

```
getDimensions(width, height, channels, slices, frames);
getPixelSize(unit, pixelWidth, pixelHeight);
if (slices>1) {
    run("Z Project...", "projection=[Average Intensity]");
}

run("Enhance Contrast", "saturated=0.35");
makeLine(460, 712, 3844, 2008);
waitForUser("Settings", "Please adjust the line to the region you need\nand be sure it
is wide enough.\n\nThen, press OK");

// Get profile and display values in "Results" window
run("Clear Results");
profile = getProfile();
for (i=0; i<profile.length; i++){
    setResult("Distance", i, i*pixelWidth);
    setResult("Value", i, profile[i]);
    updateResults;
}

saveAs("Results", path+nomCourt+".csv");

// Plot profile

Plot.create("Profile", "X", "Value", profile);

run("Close All");
selectWindow("Results");
run("Close");
```