

Electronic Supplementary Material

For manuscript entitled: “Arabinogalactan-protein and pectin epitopes in relation to an extracellular matrix surface network and somatic embryogenesis and callogenesis in *Trifolium nigrescens* Viv.”

Submitted to *Plant Cell, Tissue and Organ Culture (PCTOC): Journal of Plant Biotechnology*

Authors: Maria Pilarska^{†*}, J. Paul Knox, Robert Konieczny

*Author for correspondence:

Department of Plant Cytology and Embryology, Jagiellonian University, Grodzka 52, 31-044 Kraków, Poland

[†]Present address: Institute of Plant Physiology, Polish Academy of Sciences, Niezapominajek 21, 30-239 Kraków, Poland

e-mail: mariapilarska@op.pl

Table 1 Primary monoclonal antibodies used in the experiment

Antibody	Epitope	Reference
Anti-pectin		
JIM5	partially methyl-esterified homogalacturonan / de-esterified homogalacturonan (methyl-esterified residues up to 40%)	Clausen et al. 2003
JIM7	partially methyl-esterified homogalacturonan (methyl-esterified residues up to 80%)	Clausen et al. 2003
LM5	(1→4)-β-D-galactan side chains of rhamnogalacturonan-I	Jones et al. 1997
LM6	(1→5)-α-L-arabinan side chains of rhamnogalacturonan-I (may also bind to AGPs)	Willats et al. 1998
Anti-AGPs		
JIM4	unknown, AGP glycan	Yates et al. 1996
JIM8	unknown, AGP glycan	Pennel et al. 1991
JIM13	unknown, AGP glycan	Yates et al. 1996
JIM16	unknown, AGP glycan	Yates et al. 1996
LM2	β-linked glucuronic acid	Yates et al. 1996
MAC207	unknown, AGP glycan	Yates et al. 1996