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Functional Plant Biology

Supplementary Material

Qualitative and quantitative analyses of the plasmodesmata that accompany cell fate changes during the somatic embryogenesis of *Arabidopsis thaliana*

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Table 1 Supplementary. *Frequency of PD in the explants during the SE.*

Explant type	PD between the protodermal or epidermal cells (\pm SD)		PD between the protodermal/subprotodermal cells or epidermal/subepidermal cells (\pm SD)		PD between the promeristem cells or parenchymatous cells (\pm SD)	
	✚ - medium frequencies of PD		✚ - medium frequencies of PD		✚ - medium frequencies of PD	
	Simple	Branched	Simple	Branched	Simple	Branched
Col - 0 IZE	2.36 \pm 0.04	0.70 \pm 0.04	0.76 \pm 0.06	2.09 \pm 0,12	1.55 \pm 0,10	2.36 \pm 0,09
35S:BBM IZE	2.78 \pm 0.06	1.16 \pm 0.09	1.39 \pm 0.12	3.09 \pm 0,18	3.10 \pm 0,09	2.73 \pm 0,12
35S:BBM Seedlings	1.96 \pm 0.10	1.65 \pm 0.09	1.27 \pm 0.05	2.81 \pm 0,16	2.58 \pm 0,13	2.05 \pm 0,05

Plasmodesmatal frequency (PF) was calculated using the formula $PF=N/[L(T+1.5R)]$, where N is the number of PD along the wall, L is the length of the analyzed wall, T is the thickness of the sections (0.07 μ m) and R is the PD radius.

✚ – is a graphic symbol reference to the PD frequency shown in Scheme 1.