

Supplementary Materials:

Table S1. Pearson correlations coefficients of all parameters studied at different developmental stages after grafting. At 42 DAG (microscopy observations), 3 months after grating (graft length, n° leaves, gene expression of PAL), and one year after grafting (area of leaves and graft union diameter).

	Graft take	Cell proliferation	Cell arrangement	Necrotic line	Graft length	Number of leaves	PAL1 gene	PAL2 gene	Leaf area	Graft union diameter
Graft take	1	-0.021	-0.142	-0.004	0.567**	0.532**	0.146	-0.093	0.162	-0.308*
Cell proliferation	-0.021	1	0.783**	-0.776**	-0.251	-0.101	-0.148	0.092	0.137	0.265
Cell arrangement	-0.142	0.783**	1	-0.669**	-0.235	-0.102	-0.160	0.312*	0.150	0.582**
Necrotic line	-0.004	-0.776**	-0.669**	1	0.097	-0.084	0.030	-0.127	-0.199	-0.325*
Graft length	0.567**	-0.251	-0.235	0.097	1	0.714**	0.177	-0.122	-0.003	-0.290*
Number of leaves	0.532**	-0.101	-0.102	-0.084	0.714**	1	-0.003	-0.055	0.010	-0.140
PAL1 gene	0.146	-0.148	-0.160	0.030	0.177	-0.003	1	-0.070	-0.082	0.172
PAL2 gene	-0.093	0.092	0.312*	-0.127	-0.122	-0.055	-0.070	1	0.042	0.308*
Leaf area	0.162	0.137	0.150	-0.199	-0.003	0.010	-0.082	0.042	1	-0.122
Graft union diameter	-0.308*	0.265	0.582**	-0.325*	-0.290*	-0.140	0.172	0.308*	-0.122	1

**Correlation significant at the 0.01 level (bilateral)

*Correlation significant at the 0.05 level (bilateral)