The regulation of arbuscular mycorrhizal symbiosis by phosphate in pea involves early and systemic signalling events

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Table S1. Effect of phosphate fertilization on shoot and root fresh weight.

Plants inoculated with spores of *Gl. intraradices* were grown under Low P (7.5 µM), Medium P (75 µM), or High P (750 µM) conditions. Following plant harvest, root and shoot fresh weights were determined. n=5-6 plants for each condition. Different letters indicate statistically significant differences according to one-way ANOVA followed by Tukey's test ($p<0.05$).

	Shoots		**Roots**	
Low P	9.82 +/- 0.97	a	11.58 +/- 1.28	a
Medium P	14.27 +/- 2.16	ab	20.80 +/- 2.94	ab
High P	39.72 +/- 14.21	b	25.18 +/- 8.43	b

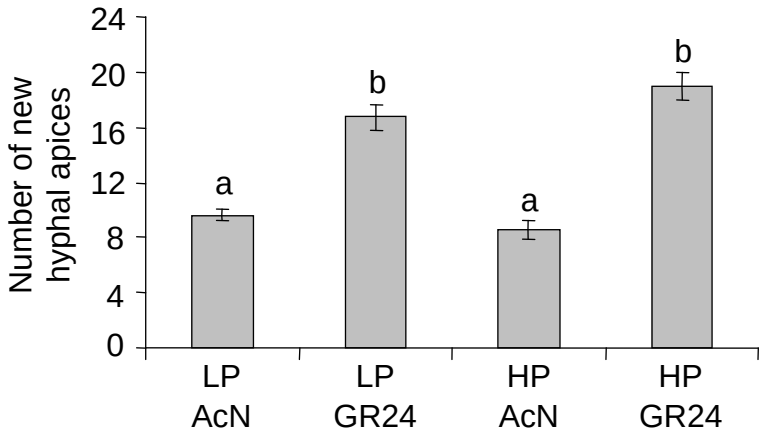

Figure S1. Effect of phosphate concentration on *Gi. rosea* hyphal branching responsiveness to GR24.

Spores of *Gi. rosea* germinated on Low P or High P medium were treated with 100 nM GR24 or with the solvent alone as negative control (10% acetonitrile, AcN). Newly formed hyphal apices were counted 48h after treatment. Error bars show s.e.m., n=38-56 treated spores for each condition. Different letters indicate statistically significant differences according to Kruskal-Wallis test ($p<0.05$).