

**Table S4.** Overlap between all F11 endophyte effects on the grass transcriptome reported by Dupont et al. and Lp19 effects observed by us, using their ORF set and their criteria for significance

	Number of Lp19 effects <sup>a</sup>	Lp19 effects without matching FL1 effects (% of all Lp19 effects)	F11 Effects observed corroborated by our data (% of all F11 effects) <sup>b</sup>	Lp19 effects opposite to F11 effects (% of all F11 effects) <sup>b</sup>	F11 effects without matching Lp19 effect (% of all F11 effects) <sup>b</sup>
>2x significant changes <sup>c</sup> in one or more tissues in current study	5478	2986 (54.5%)	1446 (9.0%)	1046 (6.5%)	13549 (84.5%)
>2x significant changes in all seven tissues in current study	174	56 (32.2%)	100 (0.6%)	9 (0.1%)	15932 (99.3%)

a) Effects assessed among the set of 44,783 representative ORFs used by Dupont et al. (Dupont et al., 2015) using their definition of significant effects (DEGseq FDR  $P < 0.05$ ;  $\geq 2$  fold changes).

b) Percentages are out of significant effects for 15,441 ORFs listed in a spread sheet supplied by P.-Y. Dupont.

c) An average  $\geq 2$  across statistically significant expression changes in one or more tissues.