

Plant-endophytes interaction influences the secondary metabolism in *Echinacea purpurea* (L.)

Moench: an *in vitro* model.

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Supplementary Table 4. Average, standard deviation (SD) and percentage of abundance of the alkamides identified in the extracts from R and SL samples (CSL: stem/leaves extract from control plants; ISL: stem/leaves extract from infected plants; CR: root extract from control plants; IR: root extract from infected plants). Pairwise comparison (Tukey HSD) was performed between all the samples: different letters in the same row indicate significant differences ($P < 0.001$).

	Peak Area mean \pm SD *10⁶ (%)			
	C R	I R	C SL	I SL
A			2.672 \pm 0.022 (4.33)	7.124 \pm 0.128 (6.26)
B+C			15.804 \pm 0.151 (25.60)	28.915 \pm 0.143 (25.41)
D	0.219 \pm 0.007 (2.11)	0.530 \pm 0.020 (3.01)	2.028 \pm 0.018 (3.27)	4.842 \pm 0.365 (4.26)
E			1.114 \pm 0.034 (1.80)	2.350 \pm 0.198 (2.06)
F				0.401 \pm 0.105 (0.35)
G	7.435 \pm 0.427 (71.35) ^a	13.906 \pm 0.098 (78.81) ^b	32.494 \pm 0.169 (52.64) ^c	55.107 \pm 0.050 (48.44) ^d
H			0.394 \pm 0.058 (0.64)	0.899 \pm 0.008 (0.79)
I			0.055 \pm 0.002 (0.09)	0.067 \pm 0.006 (0.06)
J	0.028 \pm 0.020 (0.27)	0.136 \pm 0.011 (0.77)	0.001 \pm 0.001 (0.01)	0.019 \pm 0.010 (0.02)
K+L	1.236 \pm 0.013 (11.86)	1.581 \pm 0.013 (8.96)	4.996 \pm 0.183 (8.09)	9.148 \pm 0.090 (8.04)
M			0.042 \pm 0.014 (0.07)	0.111 \pm 0.040 (0.10)
N	0.418 \pm 0.006 (4.01)	0.520 \pm 0.373 (2.95)	2.133 \pm 0.009 (3.46)	4.790 \pm 0.099 (4.21)
O	0.707 \pm 0.086 (6.79)	0.650 \pm 0.026 (3.68)		
P	0.377 \pm 0.022 (3.61)	0.321 \pm 0.010 (1.82)		