Table S4. The results of nested ANOVA for the effects of elicitor type and concentrations on the shoot growth and xanthones production in shoot cultures of *G. lutescens* line 5. The bold values indicate statistically significant differences ($p \leq 0.05$).

Source	Sum of Squares	df	Mean Square	*F*-Ratio	*p*-Value
growth index					
(A) elicitor type	2.21915	2	1.10958	11.2014	**0.000041**
(B) concentration	1.84396	4	0.45541	4.5975	**0.001893**
A x B	2.94776	8	0.36826	3.7177	**0.000767**
Error	9.90566	100	0.09906		
mangiferin					
(A) elicitor type	1.6776	2	0.8388	11.137	**0.000085**
(B) concentration	6.7056	4	1.6764	22.258	**0.000000**
A x B	1.8488	8	0.2311	3.068	**0.006164**
Error	4.2177	56	0.0753		
DMB-8-*O*-glc					
(A) elicitor type	607.23	2	303.62	24.630	**0.000000**
(B) concentration	1508.37	4	377.09	30.591	**0.000000**
A x B	516.79	8	64.60	5.240	**0.000065**
Error	690.31	56	12.33		
bell-8-*O*-glc					
(A) elicitor type	157.53	2	78.77	13.625	**0.000015**
(B) concentration	808.11	4	202.03	34.947	**0.000000**
A x B	149.61	8	18.70	3.235	**0.004287**
Error	323.73	56	5.78		
DMB					
(A) elicitor type	1.911645	2	0.955822	52.5979	**0.000000**
(B) concentration	1.746994	4	0.436748	24.0338	**0.000000**
A x B	0.912565	8	0.114071	6.2772	**0.000009**
Error	0.999474	55	0.018172		
bellidifolin					
(A) elicitor type	4.31979	2	2.15990	56.7827	**0.000000**
(B) concentration	3.09040	4	0.77260	20.3113	**0.000000**
A x B	2.42421	8	0.30303	7.9664	**0.000001**
Error	2.05405	54	0.03804		