

**Table S1.** Analysis of Variance (ANOVA) for the parameters examined for the induction of axillary shoots from the nodal stem segments of *Helianthus verticillatus* on a ½ MS containing various concentration of BAP (induction medium).

Tested Parameters	Variation Source	Sum of Squares	F Value	P [Pr(>F)]
Axillary bud induction frequency	Genotype	17492	3.5232	0.003997 **
	BAP concentration	7281	7.3323	0.007085 **
	BAP × genotype	9779	1.9696	0.082365 <sup>ns</sup>
Number of shoots per explants	Genotype	78.26	6.8421	4.015e-06 ***
	BAP concentration	13.50	5.9023	0.01559 *
	BAP × genotype	14.90	1.3022	0.26220 <sup>ns</sup>

\*—significant at  $p < 0.05$ ; \*\*—significant at  $p < 0.01$ ; \*\*\*—significant at  $p < 0.001$ ; <sup>ns</sup>—not significant.