

Table S1. Analysis of Variance (ANOVA) for the parameters examined for *in vitro* shoot regeneration rate from leaf explants of *Helianthus verticillatus*.

Tested Parameters	Variation Source	Sum of Squares	F Value	P value [Pr(>F)]
Explants forming callus (%)	Induction Medium (M)	273641.0	1709.1	<2.2E-16***
	Genotype (G)	107.0	3.0	5.4E-02ns
	M × G	1015.0	3.2	1.6E-04***
Explants forming shoots (%)	Induction Medium (M)	6598.3	24.9	<2.2E-16***
	Genotype (G)	2922.3	49.6	3.0E-15***
	M × G	6830.7	12.9	<2.2E-16***
Number of shoots per explants	Induction Medium (M)	3.8	10.3	9.9E-11***
	Genotype (G)	1.6	19.7	7.9E-08***
	M × G	4.5	6.0	2.8E-09***

* — significant at $p < 0.05$; ** — significant at $p < 0.01$; *** — significant at $p < 0.001$; ns — not significant.