

Table S1. Matrix of correlation coefficients for the dependence of the synthesis of the analyzed volatile compounds on the cultivation conditions - the presence of applied phytohormones in relation to *in vitro* control conditions.

Condition of cultivation	Range of volatile compounds 4815.9 – 144.0 $\mu\text{g g}^{-1}$	Range of volatile compounds 368.0 – 0.1 $\mu\text{g g}^{-1}$	Range of volatile compounds 87.2 – 0.0 $\mu\text{g g}^{-1}$
	Control <i>in vitro</i>	Control <i>in vitro</i>	Control <i>in vitro</i>
BA	0.98*	0.90*	0.82*
Fluridone	1.00*	0.79*	0.88*
NAA	1.00*	0.98*	0.82*
IAA	0.98*	0.88*	0.71*

*Correlations denoted by the correlation coefficient are significant with $p < 0.5000$.