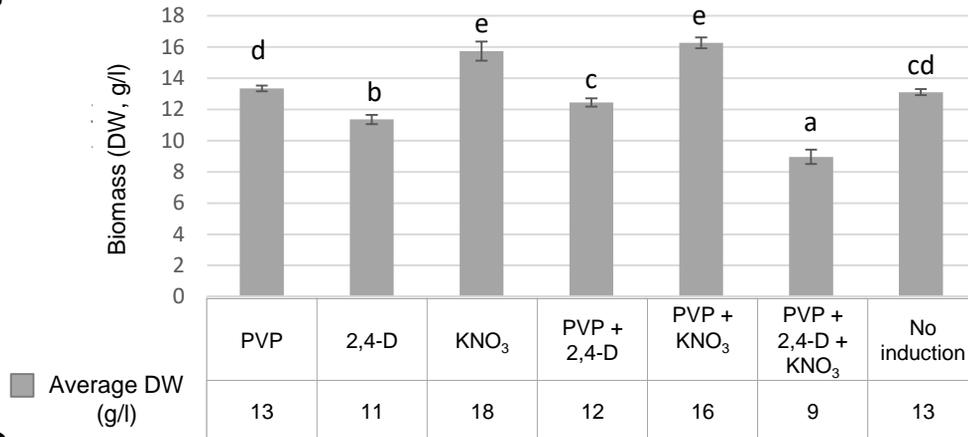


**Tested parameters in the verification experiment**

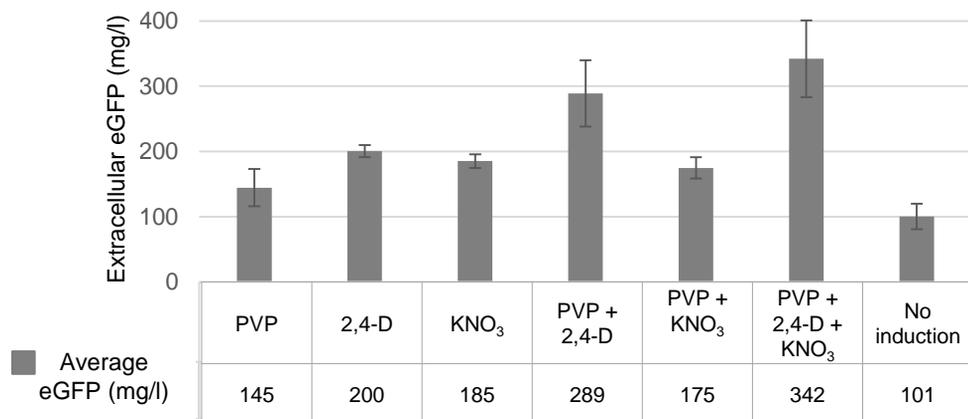
**A**

Label		PVP (g/l)	2,4-D (mg/l)	KNO <sub>3</sub> (g/l)
A	PVP	1.5		
B	2,4-D		1.0	
C	KNO <sub>3</sub>			20.5
D	PVP+2,4-D	1.5	1.0	
E	PVP+KNO <sub>3</sub>	1.5		20.5
F	PVP+2,4-D+KNO <sub>3</sub>	1.5	1.0	20.5
G	No induction	-	-	-

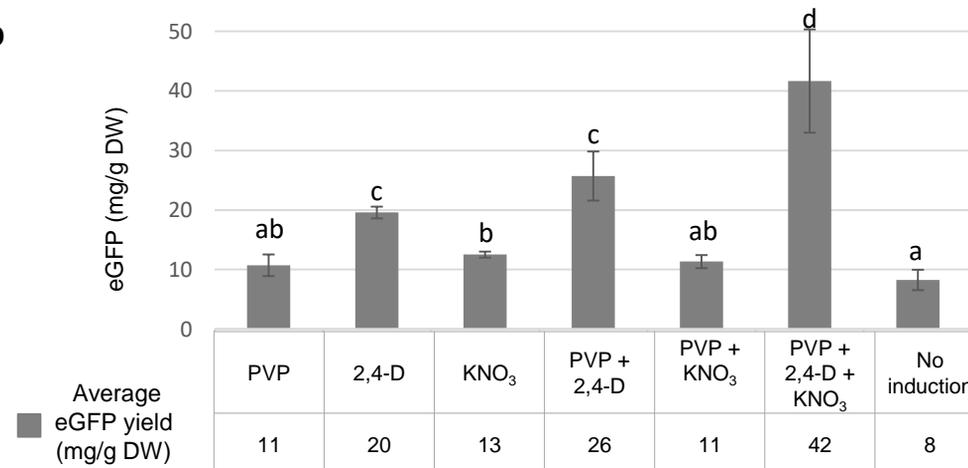
**B**



**C**



**D**



**Figure 3.** Biomass accumulation and eGFP secretion in *Brassica rapa rapa* hairy root clone in the secretion induction verification **A)** Experimental set-up, **B)** Biomass accumulation (DW, g/l) **C)** Amount of secreted eGFP to culture medium after induction period (mg/l) [one-way ANOVA, post-hoc Tukey HSD,  $p < 0.01$ ], **D)** Secreted eGFP after secretion induction expressed in mg/g DW hairy root biomass. Error bars represent the standard deviation of five biological replicates. Letters (a,b,c,d) indicate statistically significant differences ( $p < 0.01$ ).