



Correction to: Overexpression of *PtPEPCK1* gene promotes nitrogen metabolism in poplar

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In the Original publication, the author has found that C1 and C4 in Fig. 3 have been published with errors. The corrected Fig. 3C1 and C4 are provided below.

The original article can be found online at <https://doi.org/10.1007/s11676-019-01042-4>.

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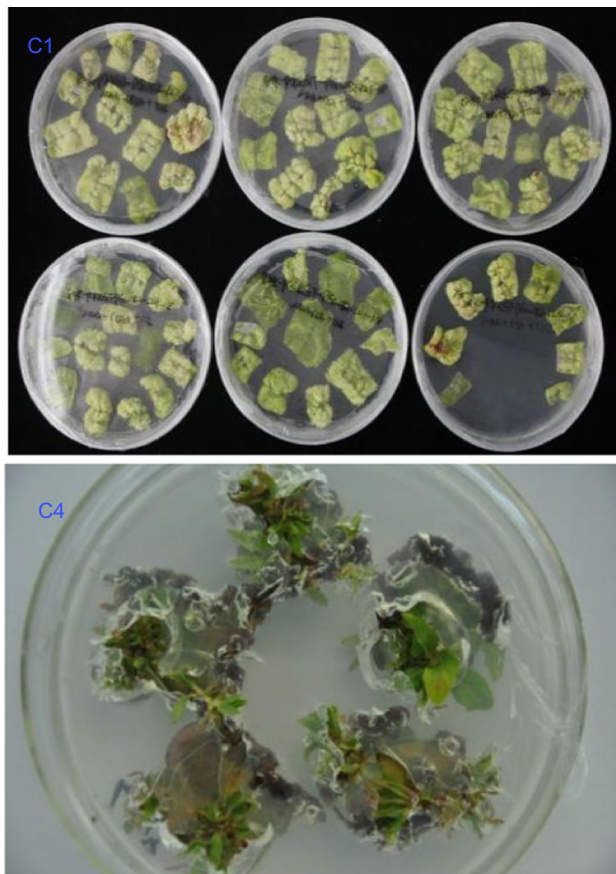


Fig. 3 Regeneration of *Agrobacterium*-mediated transformed *Populus* by the dark-induced and light-induced methods; **A1** co-cultivation of leaf discs with *Agrobacterium* on MS medium in the dark; **A2–B2** callus induction in 84 K poplar from leaves cultured on MS medium treated with various concentrations and combinations of 2,4-D, KT, and TDZ hormones after 8–10 weeks at 25 ± 2 °C under dark conditions; **B3–B4** shoot regeneration from well-developed callus from different media; **B3** elongated shoots from clusters which had attained 2–3 cm in length; **B4** elongation period: transgenic plantlets forming roots within 2 weeks in kanamycin-containing rooting medium and acclimatization period; **C1** and **C2** co-cultivation of leaf discs with *Agrobacterium* on MS medium in light and leaf explants cultured on selected media with $50 \text{ mg}\cdot\text{L}^{-1}$ kanamycin and $300 \text{ mg}\cdot\text{L}^{-1}$ cefotaxime for 3–4 weeks after co-cultivation; **C3** regenerated transformants on MS medium; **C4** regenerated transformants on MS medium generated with the optimization of transformation efficiency; kana-resistant shoots were further elongated in the medium and buds started appearing in clusters; **D1–D2** regeneration of plantlets in MS medium; **D3** transgenic plantlets forming roots within 2 weeks in rooting medium containing kanamycin; **D4** acclimatization period

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