

Supporting information:

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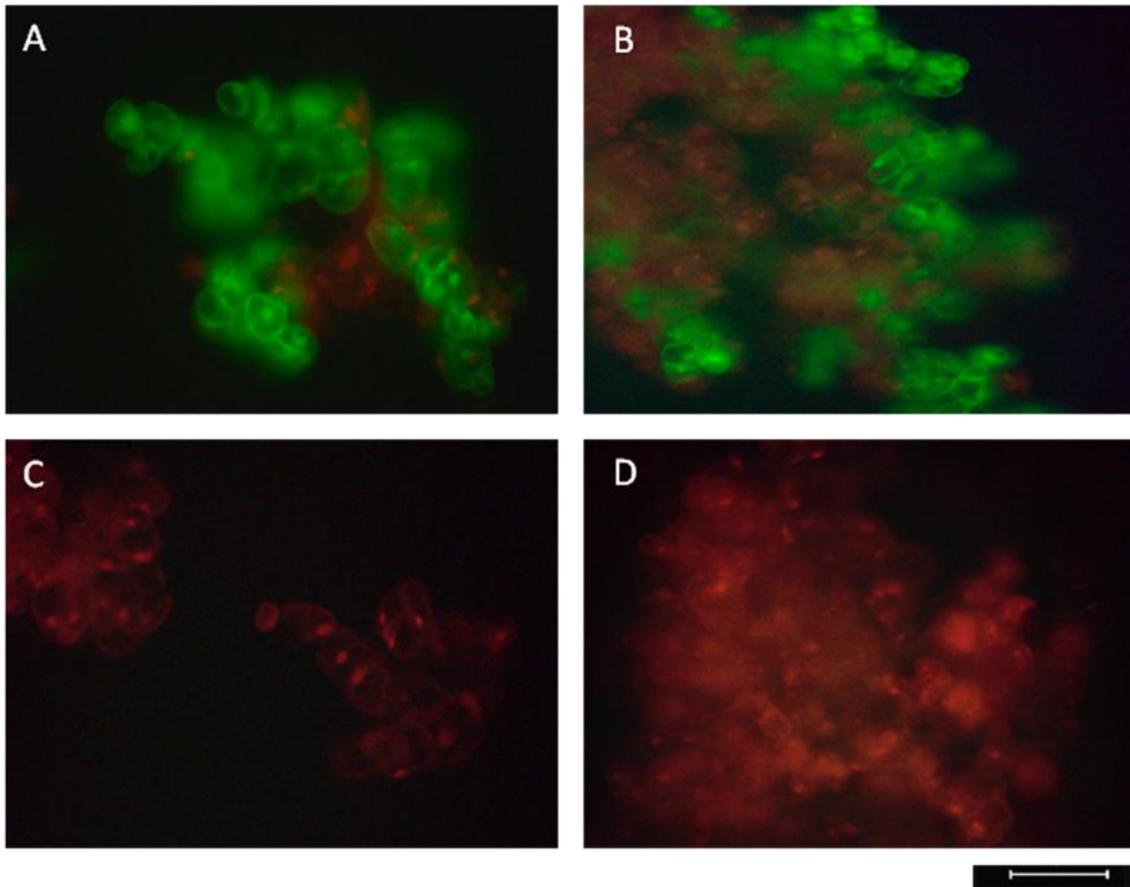


Figure S1: Assays to determine an appropriate selection agent in *Vitis* cells culture. Kanamycin resistance after 4 weeks of growth on GB5 medium containing 250 mgL⁻¹ (A) and 500mg L⁻¹ (B) of the selective agent. Paromomycin sensitivity after 4 weeks of growth on GB5 medium containing 40 mgL⁻¹ (C) and 70mg L⁻¹ (D) of the selective agent. Cell viability and mortality was inspected by microscopic observation of vital dye staining with fluorescein diacetate and with propidium iodide respectively. Bar = 100μm

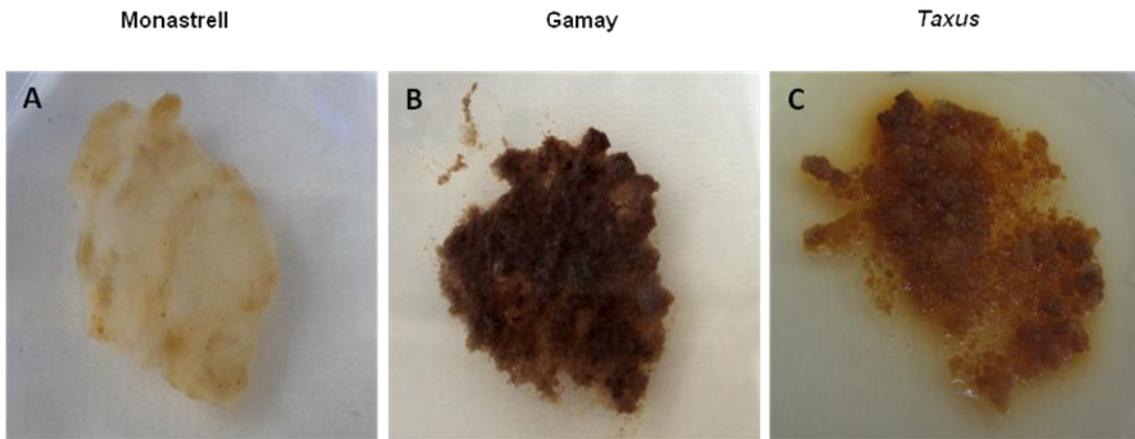


Figure S2: Nontransformed cells from Monastrell, Gamay and *Taxus x media* (A,B,C respectively) after 4 weeks in selection medium.