Organism: Tobacco

In vivo/in vitro/in situ: in vitro

Target tissue: BY-2 cells

Instrument: PDS-1000/He System

Tissue preparation:
BY-2 tobacco cells are grown in darkness at 22°C, shaken at 150–200 rpm in liquid MS.

DNA
- Size: 3 kb
- Quantity per bombardment (shot): 5 µg
- Preparation: QIAGEN midi prep kit

Microcarriers
- Gold/tungsten: Gold
- Size: 1.0 micron
- Quantity per bombardment (shot): Concentration of PVP:

Experimental details
- Pressure used: 1,100 psi
- Target distance (PDS only): 15 cm

Transformation assay:
GFP reporter

Additional information:

Technical tips:

Relevant publication reference(s):

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