Resource Summary Report

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Marchantia agrobacterium transformation of sporelings in multi-well plates (plus materials info)

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Proper Citation

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Protocol Information

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Authors: Linda Silvestri, Eftychis Frangedakis, Susana Sauret-Gueto, Marius Rebmann, Marta Tomaselli

Group: OpenPlant Project

Summary: A modification of the Ishizaki et al 2008 Agrobacterium mediated Marchantia sporeling transformation protocol is used. Sterilised spores are grown for 5 days in 0.5x strength Gamborg plates prior to co-cultivation for 2 days with agrobacterium in liquid media in multiwell plates. Sporelings are then spread on media with the appropriate selective antibiotic. In about 7 days, positive transformants start to emerge.

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