

Materials List for:

Optimization and Utilization of *Agrobacterium*-mediated Transient Protein Production in *Nicotiana*

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Materials

Name	Company	Catalog Number	Comments
<i>Nicotiana benthamiana</i>	Tobacco Germplasm Collection, Crop Science Dept., North Carolina State University	PI 555478 TW16	Infiltration
<i>Nicotiana excelsior</i>	Tobacco Germplasm Collection, Crop Science Dept., North Carolina State University	PI 555685 TW47	Infiltration
<i>Nicotiana excelsiana</i>	Dr. Wayne Fitzmaurice, Large Scale Biology Corporation, Vacaville, CA	LSBC EBA 042304.02	Infiltration
Vacuum skid	Abbas, Ashland, MA	Custom made	Plant infiltration
Rockwool	Grodan Inc., Ontario, Canada	AO 50/40	Hydroponic media for growing plant
2-(<i>N</i> -Morpholino) ethanesulfonic acid	Acros Organics, Thermo Fisher Scientific, NJ	172595000	Buffer
Murashige & Skoog salt (MS salt)	Phyto Technology Lab	M524	Tissue culture media
Acetosyringone	Sigma-Aldrich, St. Louis, MO	D134406-5G	<i>Agrobacterium</i> induction
Immobilon-P transfer membrane	Millipore, Billerica, MA	IPVH00010	Western blotting
I-block	Applied Biosystems, Foster City, CA	T2015	Western blotting
Rabbit polyclonal anti-GFP antiserum	Washington Biotechnology, Baltimore, MD		Western blotting
Mouse anti-poly-histidine monoclonal antibody	Qiagen GmbH, Hilden	34670	Western blotting
Horseradish peroxidase-conjugated anti-rabbit antibody	Jackson ImmunoResearch, West Grove, PA	111-035-003	Western blotting
Horseradish peroxidase-conjugated anti-mouse antibody	Jackson ImmunoResearch, West Grove, PA	115-035-003	Western blotting
SuperSignal® West Pico chemiluminescent substrate	Thermo Scientific Pierce, Rockford, IL	34078	Western blotting
Lichenan (1-3: 1-4-beta-D-glucan)	Megazyme, Bray, Co. Wicklow, Ireland	P-LICHN	Lichenase Activity
Congo Red	Sigma-Aldrich, St. Louis, MO	C6277	Gel staining
Digital camera	Olympus, Center Valley, PA	C-8080	Chemiluminescence imaging
GeneGnome	Syngene, Frederick, MD		Chemiluminescence imaging
GFP standard	Made in house		Chemiluminescence imaging
Plant fertilizer solution	Griffin Greenhouse Nursery Supplies, Newark, DE	67-23-20	Plant growing
Lichenase Standard	Purified in house		Western blotting
MicroPulser Electroporator	BioRad, Hercules, CA	165-2100	<i>Agrobacterium</i> transformation