

Materials List for:

Floral-Dip Transformation of Flax (*Linum usitatissimum*) to Generate Transgenic Progenies with a High Transformation Rate

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Materials

Name	Company	Catalog Number	Comments
Flax seeds of the original Stormont Cirrus variety (PL)			
5" pots			
Potting soil			
Greenhouse with appropriate light setting			
Thermocycler			
Agarose gel electrophoresis equipment			
Digital imaging setup			
Silwet-77	LEHLE SEEDS	VIS-01	Toxic, wear gloves
GoTaq Green Master Mix	Promega	Part# 9PIM712	
Terra PCR Direct Polymerase Mix	Clontech	639270	
Binary vector PRI 909	Takara	3260	
Agrobacterium tumefaciens LBA4404 E	Takara	9115	
TOPO TA cloning kit	Invitrogen	K4595-01	
Sucrose	Fisher Scientific		
Electroporator and cuvettes	Bio-Rad	165-2092	
Shaker			
Spinner			
Plastic wrap and aluminum foil wrap			
speedSTAR DNA polymerase	Takara	RR070A/B	
QIAquick gel extraction kit	Qiagen	28704	
QIAGEN plasmid mini kit	Qiagen	12123	
Sall-HF enzyme	NEB	R3138S	
SacI-HF enzyme	NEB	R3156S	
T4 DNA ligation kit	NEB	M0202	
Murashige Skoog	Sigma	M5524	
Agar	Fisher Scientific	A360-500	