

Materials List for:

Inducing Hairy Roots by *Agrobacterium rhizogenes*-Mediated Transformation in Tartary Buckwheat (*Fagopyrum tataricum*)

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Materials

Name	Company	Catalog Number	Comments
2*Taq PCR MasterMix	Aidlab, China	PC0901	
Agar powder	Solarbio Life Science, Beijing, China	A8190	
Applied Biosystems 2720 thermo cycler	ThermoFisher Scientific, US	A37834	
AS	Solarbio Life Science, Beijing, China	A8110	Diluted in DMSO, 100 mM
binary vectors	ThermoFisher Scientific (invitrogen), US	/	pK7WG2D/pK7GWIWG2D (II)
Cefotaxime,sodium	Solarbio Life Science, Beijing, China	C8240	Diluted in Water, 200 mg/mL
CF15RXII high-speed micro	Hitachi, Japan	No. 90560201	
Diposable Petri-dish	Guanghua medical instrument factory, Yangzhou, China	/	
DYY-6C electrophoresis apparatus	Bjliuyi, Beijing China	ECS002301	
EASYspin Plus Plant RNA Kit	Aidlab, China	RN38	
ELGA purelab ultra bioscience	ELGA LabWater, UK	82665JK1819	
Epoch Microplate Spectrophotometer	biotek, US	/	
Gateway BP/LR reaction enzyme	ThermoFisher Scientific (invitrogen), US	11789100/11791110	
HYG-C multiple-function shaker	Suzhou Peiying Experimental Equipment Co., Ltd. China	/	
Kan	Solarbio Life Science, Beijing, China	K8020	Diluted in Water, 100 mg/mL
MLS-3750 Autoclave sterilizer	Sanyo, Japan	/	
MS salts with vitamins	Solarbio Life Science, Beijing, China	M8521	
NaCl	Solarbio Life Science, Beijing, China	S8210	
Other chemicals unstated	Beijing Chemical Works, China		ethanol, mercury bichloride, etc.
PHS-3C pH meter	Shanghai INESA Scientific Instrument Co., Ltd, China	a008	
Plant Genomic DNA Kit	TIANGEN BIOTECH (BEIJING) CO., LTD	DP305	

Rifampin	Solarbio Life Science, Beijing, China	R8010	Diluted in DMSO, 50 mg/mL
Spectinomycin	Solarbio Life Science, Beijing, China	S8040	Diluted in Water, 100 mg/mL
Sucrose	Solarbio Life Science, Beijing, China	S8270	
Trans2K DNA Marker	TransGen Biotech, Beijing, China	BM101-01	
Tryptone	Solarbio Life Science, Beijing, China	LP0042	
Whatman diameter 9 cm Filter paper	Hangzhou wohua Filter Paper Co., Ltd	/	
Yeast Extract powder	Solarbio Life Science, Beijing, China	LP0021	