

Materials List for

A Seamless Cloning Approach for Porcine Reproductive and Respiratory Syndrome Virus Expression Vector Construction

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Materials

Name	Company	Catalog Number	Comments
1 kb plus DNA Ladder	Tiangen Biochemical Technology (Beijing) Co., Ltd	MD113-02	
2x Universal Green PCR Master Mix	Rong Wei Gene Biotechnology Co., Ltd	A303-1	
Agarose	Sangon Biotech (Shanghai) Co., Ltd.	9012-36-6	
Benchtop Microcentrifuge	Thermo Fisher Scientific Co., Ltd	FRESCO17	
Clean Bench	Sujing Antai Air Technology Co., Ltd	VD-650-U	
DNA Electrophoresis Equipment	Cleaver Scientific Co., Ltd	170905117	
DNA Loading Buffer (6x)	Biosharp Biotechnology Co., Ltd	BL532A	
E. Z. N. A. Gel Extraction kit	Omega Bio-Tek Co., Ltd	D2500-01	
E.Z.N.A. Plasmid DNA Mini Kit I	Omega Bio-Tek Co., Ltd	D6943-01	
Electro-heating Standing-temperature Cultivator	Shanghai Hengyi Scientific Instrument Co., Ltd	DHP-9082	
ExonArt Seamless Cloning and Assembly kit	Rong Wei Gene Biotechnology Co., Ltd	A101-02	
ExonScript RT SuperMix with dsDNase	Rong Wei Gene Biotechnology Co., Ltd	A502-1	
FastDigest Eco321 (EcoRV)	Thermo Fisher Scientific Co., Ltd	FD0303	
FastDigest HindIII	Thermo Fisher Scientific Co., Ltd	FD0504	
FastDigest NheI	Thermo Fisher Scientific Co., Ltd	FD0974	
FastDigest NotI	Thermo Fisher Scientific Co., Ltd	FD0596	
Gel Doc XR	Bio-Rad Laboratories Co., Ltd	721BR07925	
Goldview Nucleic Acid Gel Stain	Shanghai Yubo Biotechnology Co., Ltd	YB10201ES03	
Ice Maker Machine	Shanghai Bilang Instrument Manufacturing Co., Ltd	FMB100	

Invitrogen Platinum SuperFi II DNA Polymerase	Thermo Fisher Scientific Co., Ltd	12361010	
LB Agar Plate (Kanamycin)	Sangon Biotech (Shanghai) Co., Ltd.	B530113-0010	
LB sterile liquid medium (Kanamycin)	Sangon Biotech (Shanghai) Co., Ltd.	B540113-0001	
Micropipettors	Thermo Fisher Scientific Co., Ltd	—	
Microwave Oven	Panasonic Electric (China) Co., Ltd	NN-GM333W	
Orbital Shakers	Shanghai Zhicheng Analytical Instrument Manufacturing Co., Ltd	ZHWY-2102C	
PRRSV virus	Sichuan Agricultural University	—	
SnapGene	GSL Biotech, LLC	v5.1	To design primers
T100 PCR Gradient Thermal Cycler	Bio-Rad Laboratories Co., Ltd	T100 Thermal Cycler	
TAE buffer	Sangon Biotech (Shanghai) Co., Ltd.	B040123-0010	
TRIzol Reagent	Thermo Fisher Scientific Co., Ltd	15596026	RNA extraction reagent