

Materials List for:

Identification of Functional Protein Regions Through Chimeric Protein Construction

Juan M. Adrian-Segarra¹, Holger Lörchner^{1,2}, Thomas Braun^{1,2}, Jochen Pöling^{1,2}

¹Department of Cardiac Development and Remodelling, Max Planck Institute for Heart and Lung Research

²Partner site Rhein-Main, German Centre for Cardiovascular Research (DZHK)

Correspondence to: Jochen Pöling at Jochen.Poeling@mpi-bn.mpg.de

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Materials

Name	Company	Catalog Number	Comments
Labcyler thermocycler	Sensoquest	011-103	Any conventional PCR machine can be employed to carry out this protocol
NanoDrop 2000c UV-Vis spectrophotometer	ThermoFisher Scientific	ND-2000C	DNA quantification
GeneRuler 100 bp DNA ladder	ThermoFisher Scientific	SM0241	
GeneRuler DNA Ladder Mix	ThermoFisher Scientific	SM0331	
Ascl restriction enzyme	New England Biolabs	R0558	
Pacl restriction enzyme	New England Biolabs	R0547	
Phusion Hot Start II DNA Polymerase	ThermoFisher Scientific	F-549S	
dNTP set (100 mM)	Invitrogen	10297018	
T4 DNA ligase	Promega	M1804	
NucleoSpin Gel and PCR clean-up kit	Macherey-Nagel	740609	
MGC Human LIF Sequence-Verified cDNA (Cloneld:7939578), glycerol stock	ThermoFisher Scientific	MHS6278-202857165	
LE agarose	Biozym	840004	
Primers	Sigma-Aldrich		Custom order
Human Oncostatin M cDNA			Gift of Dr. Heike Hermanns (Division of Hepatology, University Hospital Würzburg, Germany)
pCAGGS vector with Pacl and Ascl restriction sites			Gift of Dr. André Schneider (Max Planck Institute for Heart and Lung Research, Bad Nauheim, Germany)