

Materials List for:

# Using Reverse Genetics to Manipulate the NSs Gene of the Rift Valley Fever Virus MP-12 Strain to Improve Vaccine Safety and Efficacy

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URL: <https://www.jove.com/video/3400>

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## Materials

Name	Company	Catalog Number	Comments
Minimum Essential Medium (MEM)-alpha	Invitrogen	32561037	
Dulbecco's modified minimum essential medium	Invitrogen	11965092	
Modified Eagle Medium (MEM 2x)	Invitrogen	11935046	
Penicillin-Streptomycin	Invitrogen	15140122	
Hygromycin B	Cellgro	30-240-CR	
Tryptose phosphate broth	MP Biomedicals	1682149	
Noble agar	VWR international	101170-362	
TransIT-LT1	Mirus Bio LLC	MIR2300	
Opti-MEM	Invitrogen	31985070	
Aerosol tight lid	Eppendorf	C-2223-25	
0.33% neutral red solution	Sigma-Aldrich	N2889-100ML	
C57/WT MEF cells	Invitrogen	mef-c57wt	
Blasticidin S	Invitrogen	Ant-bl-1	
Zeocin	Invitrogen	ant-zn-1	
QUANTI-Blue	Invitrogen	rep-qb1	
BHK/T7-9 cells <sup>15</sup>	Gifu university, Japan		
Vero E6 cells	ATCC	CRL-1586	