

Materials List for:

# In Vivo siRNA Transfection and Gene Knockdown in Spinal Cord via Rapid Noninvasive Lumbar Intrathecal Injections in Mice

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URL: <https://www.jove.com/video/51229>

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## Materials

Name	Company	Catalog Number	Comments
<i>In Vivo</i> -jetPEI	Polyplus	201-10G	
WAVE1 siRNA	Santa Cruz	sc-36832	
Control siRNA-A	Santa Cruz	sc-37007	
Anti-β-Tubulin III antibody	Sigma	T2200	
Anti-WAVE1 antibody	R&D Systems	AF5514	
Fast green dye	Sigma	F-7252	
Isoflurane	Baxter		
Isoflurane setup	Dräger Lübeck		
Shaver	Wella		
Hamilton syringe Gastight 1702	Hamilton		
30 G 1/2 in 13 mm Needle	BD Microlance	304000	
Microscope Leica MS5	Leica		
WAVE1 forward primer for qRT-PCR	Sigma		cacagagcctcaggacagg
WAVE1 reversed primer for qRT-PCR	Sigma		ctttcaccaacggcatctt
FastStart Essential DNA Green Master	Roche	6402712001	