

Materials List for:

Virus-induced Gene Knockdown in the CA3 and Subsequent Spatial Relocation Test to Assess CA3-dependent Cognitive Function

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Materials

Name	Company	Catalog Number	Comments
LightCycler Capillaries	Roche	4929292001	1-5 µl glass capillar
Micropipette puller	Narishige	PC-10	
Warming pad			
Oxygen/Isofluran system			General anesthesia
Stereotactic system for mouse	Kofp		
Cold light source	Leica/SCHOTT	KL1600LED	
Micro drill: Ultimate-XL, UMXL-T + UHRXL-T	NSK	Y141440 + H269	
Stereo Microscope	Leica	M80	
Panthenol	Bepanthen, Bayer		Humectant, emollient and moisturizer
Lidocain	Xylocain		Local anesthesia
Povidone-Iodine (or propanol)	Betadine (or Kodan)		Antiseptic for disinfection
Meloxicam	Metacam, Heiland		Pain killer
Cotton swabs			
Ethilon sutures	Ethicon	EH7500H	
Y-maze	Custom made		Three arms (30 x 10 x 15 cm) at 120° from each other made of grey PVC
Objects			Glass salt shakers
AAV-shDRR1/AVV-shSCR	Gene Detect	AAV1/2-U6-DRR1 shRNA-terminator-CAG-EGFP-WPRE-BGH-polyA	DRR1 knock-down virus expression cassette
AAV-shshSCR	Gene Detect	AAV1/2-U6-scrambled shRNA-terminator-CAG-EGFP-WPRE-BGH-polyA	Control virus expression cassette
Videotracking software	ANY-maze		Any videotracking software can be used