

Materials List for:

# Virus Delivery of CRISPR Guides to the Murine Prostate for Gene Alteration

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URL: <https://www.jove.com/video/57525>

DOI: [doi:10.3791/57525](https://doi.org/10.3791/57525)

## Materials

Name	Company	Catalog Number	Comments
<b>Equipment</b>			
B6J.129(B6N)-Gt(ROSA)26Sor <sup>tm1(CAG-cas9*)</sup> -EGFP <sup>F</sup> ezh <sup>+/J</sup> mice	The Jackson Laboratory	26175	
0,5 ml U-100 insulin syringe	BD	324825	for virus injection
1 ml syringe	BD	300013	for anesthesia injection
30 G 1/2" needle	BD	304000	for anesthesia injection
6-0 Polysorb Suture	Medtronic	GL889	to close the peritoneum
Disposable sterilized surgery drape	multiple suppliers		
Heating pad	multiple suppliers		
Povidone-Iodine Prep Pad	Fisher Scientific	06-669-70	
Trimming machine	Aesculap	GT415	to shave the abdomen
Dumont Forceps	F.S.T	11252-00	
Halsey Micro Needle Holder	F.S.T	12500-12	
Iris Scissors	F.S.T	14094-11	
Narrow Pattern Forceps	F.S.T	11002-12	
Ring Forceps	F.S.T	11106-09	
Wound Clip System Handle incl. Clips	F.S.T	12030-01	to close the skin
Wound Clip System Remover	F.S.T	12030-04	
Microscope	Leica		different models have been used
<b>Reagents</b>			
1x PBS	Gibco	10010-023	
Antisedan			obtained from the animal facility
Butorphanol			obtained from the animal facility
Medetomidinhydrochlorid			obtained from the animal facility
Midazolam			obtained from the animal facility
100% Ethanol	Fisher Scientific	22-032-103	
Eye ointment	Takeda	7242	
Virus (AAV, AV)	multiple suppliers		virus used in this protocol is an in-house production
pAKT antibody	CST	4060	used 1:200 dilution
GFP antibody	CST	2956	used 1:100 dilution