

Materials List for:

# A Cre-Lox P Recombination Approach for the Detection of Cell Fusion *In Vivo*

Anthony J. Sprangers<sup>1</sup>, Brian T. Freeman<sup>1</sup>, Nicholas A. Kouris<sup>1</sup>, Brenda M. Ogle<sup>2</sup>

<sup>1</sup>Department of Biomedical Engineering, University of Wisconsin-Madison

<sup>2</sup>Department of Biomedical Engineering, Materials Science Program, Laboratory for Optical and Computational Instrumentation, University of Wisconsin-Madison

Correspondence to: Brenda M. Ogle at [ogle@wisc.edu](mailto:ogle@wisc.edu)

URL: <https://www.jove.com/video/3581>

DOI: [doi:10.3791/3581](https://doi.org/10.3791/3581)

## Materials

Name	Company	Catalog Number	Comments
Neon Transfection System	Invitrogen	MPK5000	
Neon 100 µL Kit	Invitrogen	MPK10025	Contains R and E Buffer
a-MEM powder	Invitrogen	12000-022	
Fetal Bovine Serum (FBS)	Hyclone	SH30070.03	
B6.C-Tg(CMV-cre)1Cgn/J	Jackson Laboratory	006054	
Trypsin 10X	Fisher Scientific	MT-25-054-CI	
L-Glutamine	Fisher Scientific	25030-081	
D-Luciferin	Caliper Life Sciences	122796	
Xenogen Biophotonic Imaging System	Caliper Life Sciences	IVIS Spectrum	
Sodium Bicarbonate	Sigma-Aldrich	S6014-500G	
Non-essential Amino Acids	Invitrogen	11140-050	