

Materials List for:

Generation of Genomic Deletions in Mammalian Cell Lines via CRISPR/Cas9

Daniel E. Bauer^{1,2,3}, Matthew C. Canver¹, Stuart H. Orkin^{1,2,3,4}

¹Harvard Medical School

²Division of Hematology/Oncology, Boston Children's Hospital

³Department of Pediatric Oncology, Dana-Farber Cancer Institute

⁴Howard Hughes Medical Institute

*These authors contributed equally

Correspondence to: Daniel E. Bauer at Daniel.Bauer@childrens.harvard.edu, Stuart H. Orkin at stuart_orkin@dfci.harvard.edu

URL: <https://www.jove.com/video/52118>

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Materials

Name	Company	Catalog Number	Comments
T4 polynucleotide kinase	New England Biolabs	M0201S	
T4 DNA ligase (with associated ligation buffer)	New England Biolabs	M0202T	
Adenosine 5'-triphosphate (ATP)	New England Biolabs	P0756S	
BSA, molecular biology grade	New England Biolabs	B9000S	
BbsI restriction enzyme (with associated NEB Buffer 2.1)	New England Biolabs	R0539S	
pSpCas9(BB) (pX330)	Addgene	42230	
S.O.C. medium	Life Technologies	15544-034	
BTX ECM 830	Harvard Apparatus	45-0052	
BTX solution and 2 mm cuvettes	Harvard Apparatus	45-0803	
pmaxGFP plasmid	Lonza	VPA-1003	
QuickExtract DNA Extraction Solution	Epicentre	QE09050	
HotStarTaq PCR Master Mix Kit	Qiagen	203443	
Zero Blunt PCR Cloning Kit	Life Technologies	K2700-20	
Plasmid	 Addgene	42230	