

Materials List for:

Generation of High Quality Chromatin Immunoprecipitation DNA Template for High-throughput Sequencing (ChIP-seq)

Sandra Deliard¹, Jianhua Zhao¹, Qianghua Xia¹, Struan F.A. Grant^{1,2}

¹Division of Human Genetics, Children's Hospital of Philadelphia Research Institute

²Department of Pediatrics, Perelman School of Medicine, University of Pennsylvania

Correspondence to: Struan F.A. Grant at grants@chop.edu

URL: <https://www.jove.com/video/50286>

DOI: [doi:10.3791/50286](https://doi.org/10.3791/50286)

Materials

Name	Company	Catalog Number	Comments
QIAquick PCR Purification Kit	Qiagen	28104	
EZ-ChIP Kit	Millipore	17-371	
GoTaq Hot Start Polymerase	Promega	M5001	
Misonix Sonicator	Qsonica	XL-2000	
NanoDrop 1000 Spectrophotometer	Thermo-Scientific		
Positive control primer sequences (TCF7L2-1) Forward- 5'-TCGCCCTGTCAATAATCTCC-3' Reverse- 5'-GCTCACCTCCTGTATCTTCG-3' Negative control primer sequences (CTRL-1) Forward-5'-ATGTGGTGTGGCTGTGATGGGAAC-3' Reverse- 5'-CGAGCAATCGGTAAATAGGTCTGG-3'			