

Materials List for:

# Methylated DNA Immunoprecipitation

Kelsie L. Thu<sup>1,2</sup>, Emily A. Vucic<sup>1,3</sup>, Jennifer Y. Kennett<sup>1,3</sup>, Cameron Heryet<sup>5</sup>, Carolyn J. Brown<sup>5</sup>, Wan L. Lam<sup>1,2,3</sup>, Ian M. Wilson<sup>1,3</sup>

<sup>1</sup>Department of Cancer Genetics and Developmental Biology, BC Cancer Research Centre

<sup>2</sup>Interdisciplinary Oncology Program, University of British Columbia - UBC

<sup>3</sup>Department of Pathology and Laboratory Medicine, University of British Columbia - UBC

<sup>4</sup>Photography/Video Production, Multi-Media Services, BC Cancer Agency

<sup>5</sup>Department of Medical Genetics, Life Sciences Institute, University of British Columbia - UBC

\* These authors contributed equally

Correspondence to: Emily A. Vucic at [evucic@bccrc.ca](mailto:evucic@bccrc.ca)

URL: <https://www.jove.com/video/935>

DOI: [doi:10.3791/935](https://doi.org/10.3791/935)

## Materials

Name	Type	Company	Catalog Number	Comments
Biorupter sonicator	Tool	Diagenode	UCD-200 TM	
1.7ml SafeSeal Microcentrifuge Tubes	Other	Sorenson BioScience	11510	
ND 3300 Spectrophotometer	Tool	NanoDrop		
Primary Antibody: Anti-5'-methylcytosine mouse mAb	Reagent	Calbiochem	162 33 D3	
Secondary Antibody: Dynabeads M-280 Sheep anti-mouse IgG	Reagent	Invitrogen	112-01D	
Magnetic Tube Rack	Tool	Invitrogen	CS15000	
Mini LabRoller	Tool	Labnet International	H5500	
IP Buffer				10 mM NaPO <sub>4</sub> pH 7.0, 140 mM NaCl, 0.05% Triton X-100. Stored at room temperature
Digestion Buffer				10 mM Tris pH8.0, 100 mM EDTA, 0.5% SDS, 50 mM NaCl