

Materials List for:

Methylated DNA Immunoprecipitation

Kelsie L. Thu^{1,2,3}, Emily A. Vucic^{1,3,4}, Jennifer Y. Kennett^{1,4}, Cameron Heryet⁵, Carolyn J. Brown⁶, Wan L. Lam^{1,2,4}, Ian M. Wilson^{1,4}

¹Department of Cancer Genetics and Developmental Biology, BC Cancer Research Centre

²Interdisciplinary Oncology Program, University of British Columbia - UBC

³These authors contributed equally.

⁴Department of Pathology and Laboratory Medicine, University of British Columbia - UBC

⁵Photography/Video Production, Multi-Media Services, BC Cancer Agency

⁶Department of Medical Genetics, Life Sciences Institute, University of British Columbia - UBC

Correspondence to: Emily A. Vucic at 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 ₄ 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