

Materials List for:

Sample Preparation for Mass Spectrometry-based Identification of RNA-binding Regions

Robert Warneford-Thomson^{1,4}, Chongsheng He^{1,2}, Simone Sidoli^{1,3}, Benjamin A. Garcia^{1,3}, Roberto Bonasio^{1,2}

¹Epigenetics Institute, University of Pennsylvania Perelman School of Medicine

²Department of Cell and Developmental Biology, University of Pennsylvania Perelman School of Medicine

³Department of Biochemistry and Biophysics, University of Pennsylvania Perelman School of Medicine

⁴Graduate Group in Biochemistry and Biophysics, University of Pennsylvania Perelman School of Medicine

Correspondence to: Roberto Bonasio at rbon@mail.med.upenn.edu

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Materials

Name	Company	Catalog Number	Comments
KnockOut DMEM	Fisher Scientific	10829018	
Fetal bovine serum, qualified, US origin	Fisher Scientific	26140079	
L-Glutamine solution 200 mM	Sigma	G7513	
Penicillin-Streptomycin solution	Sigma	P0781	
MEM Non-essential Amino Acid Solution (100×)	Sigma	M7145	
2-Mercaptoethanol	Sigma	M3148	
ESGRO Leukemia Inhibitory Factor (LIF)	EMD Millipore	ESG1106	
CHIR99021	Tocris	4423	
PD0325901	Sigma	PZ0162	
Gelatin solution, 2% in water	Sigma	G1393	
4-thiouridine	Sigma	T4509	50 mM stock in water
Spectrolinker XL-1500	Fisher Scientific	11-992-90	
Phenylmethanesulfonyl fluoride	Sigma	78830	
IGEPAL CO-630	Sigma	542334	Commercial form of octyl-phenoxy-polyethoxy-ethanol detergent
Iodoacetamide	Sigma	I6125	
Trypsin, sequencing grade	Promega	V5111	
Empore solid phase extraction disk	3M	66883	
OLIGO R3 Reversed - Phase Resin	Fisher Scientific	1133903	
Benzonase	Sigma	E8263	High purity nuclease
Sonic Dismembrator Model 100	Fisher Scientific	discontinued	updated with FB505110
HPLC grade acetonitrile	Fisher Chemical	A955-4	
HPLC grade water	Fisher Scientific	W6 4	
TFA	Fisher Scientific	A11650	
Ammonium Bicarbonate	Sigma	A6141	
Acetic Acid	Sigma	49199	
Formic Acid	Sigma	F0507	
ReproSil-Pur 18-AQ	Dr. Maisch GmbH HPLC	r13.aq.0003	Packing material for HPLC column
Capillary for nano columns (75 µm)	Molex	1068150017	

MaxQuant software	Max Planck Institute for Biochemistry		Can perform chromatographic alignment of multiple MS runs
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