

Materials List for:

RiboTag Immunoprecipitation in the Germ Cells of the Male Mouse

Lauren G. Chukrallah¹, Kelly Seltzer¹, Elizabeth M. Snyder¹

¹Department of Animal Science, Rutgers University

Correspondence to: Elizabeth M. Snyder at elizabeth.snyder@rutgers.edu

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Materials

| Name | Company | Catalog Number | Comments |
|--|---------------------------------------|----------------|---------------------------------------|
| 1 mL mechanical pipette | Preference of researcher | | |
| 1,4-Dithio-DL-threitol (8% | Alfa Aesar | A15797 | |
| 1.7 mL or 2mL tubes | Preference of researcher | | |
| 10 mL conical tubes | Preference of researcher | | |
| 10 mL serological pipettes | Preference of researcher | | |
| 10 uL mechanical pipette | Preference of researcher | | |
| 20 uL mechanical pipette | Preference of researcher | | |
| 200 uL mechanical pipette | Preference of researcher | | |
| 5 mL serological pipettes | Preference of researcher | | |
| 50 mL conical tubes | Preference of researcher | | |
| Anti-HA tag antibody | Abcam | ab18181 | Antibody 1 |
| Anti-HA tag antibody | Antibodies.com | A85278 | Antibody 2 |
| B6.FVB-Tg(Stra8-icre)1Reb/LguJ Mice | The Jackson Laboratory | 17490 | Or mice carrying Cre driver of choice |
| B6N.129-Rpl22tm1.1Psam/J Mice | The Jackson Laboratory | 11029 | |
| Bechtop centrifuge | Preference of researcher | | |
| C1000 Touch thermal cycler | BioRad | 184-1100 | Or equivalent thermal cycler |
| Centrifuge 5424 R | Eppendorf | 5404000537 | Or equivalent refrigerated centrifuge |
| Cyclohexamide | Sigma Aldrich | C7698-1g | |
| Dissection scissors | Preference of researcher | | |
| Dynabeads Protein G for Immunoprecipitation | Invitrogen by ThermoFisher Scientific | 10009D | |
| DynaMag-2 Magnet rack | Invitrogen by ThermoFisher Scientific | 12321D | |
| E.Z.N.A. Total RNA Kit 1 | OMEGA | 6834-01 | Kit 1 |
| Heat block | Preference of researcher | | |
| Heparin | Sigma Aldrich | 84020 | |
| Magnesium Chloride (MgCl ₂) | Sigma Aldrich | M9272-500g | |
| Microdissection forceps | Preference of researcher | | |
| Microdissection scissors | Preference of researcher | | |
| MiRNeasy kit | Qiagen | 217004 | Kit 2 |
| NanoDrop One Microvolume UV-Vis Spectrophotometer with Wi-Fi | ThermoFisher Scientific | ND-ONE-W | Or equivalent spectrophotometer |
| NP-40 Alternative - CAS 9016-45-9 - Calbiochem | Millipore Sigma | 492016 | |

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|--|--------------------------|-------------|----------------------------------|
| Pierce Protease Inhibitor Tablets, EDTA-free | ThermoFisher Scientific | A32965 | |
| Potassium (KCl) | Sigma Aldrich | P3911-2.5kg | |
| RNase Inhibitor, Murine | New England BioLabs Inc. | M0314 | |
| SI vortex-genie 2 | Scientific Industries | SI-0236 | Or equivalent benchtop vortex |
| Tips for 1 mL mechanical pipette | Preference of researcher | | |
| Tips for 10 uL mechanical pipette | Preference of researcher | | |
| Tips for 20 uL mechanical pipette | Preference of researcher | | |
| Tips for 200 uL mechanical pipette | Preference of researcher | | |
| Tris Base (White Crystals or Crystalline Powder/Molecular Biology) | ThermoFisher Scientific | BP152-500 | |
| Tube Revolver / Rotator | ThermoFisher Scientific | 88881001 | Or equivalent rotator |
| VWR Powerpette Plus pipet controller | VWR | 75856-450 | Or equivalent pipette controller |