Please cite the J.B. Lawrence Lab or publications for use of this protocol. Thanks!

**RNA-DNA Hybridization**

**RNA Hybridization**
1. Follow Lawrence Lab standard RNA hybridization protocol from this website.
2. After last rinse step fix the probe and fluorochrome detector to the RNA target.

**Fix**
3. Fix coverslips with 10ml 4% Paraformaldehyde for 10min at room temp
4. Rinse twice with 1xPBS

**DNA Hybridization**
5. Follow Lawrence Lab standard DNA hybridization protocol from this website.
6. Use a detector with a different fluorochrome.

**DAPI DNA Stain**
7. Incubate in DAPI stain, 30sec-1 min, in dark
8. Rinse twice with 1xPBS
9. Mount coverslips onto slides using Vectashield (Vector Labs) mounting media and seal edges with fingernail polish.
10. Slides are stored in a slide folder at -20°c