

44 hr after transfection

↓  
Fluorescence microscopy

↓  
Lyse cells

- ↓
- Save 5% for Western blot
  - Save 20% for Northern blot

↓  
Pellet

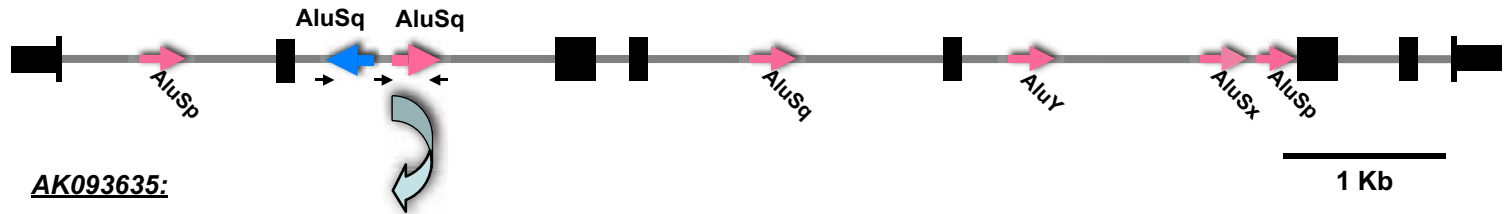
- ↓
- Wash 2X

↓  
Nuclei

↓  
Extract Nuclear RNA  
with Trizol

**A**

**Apobec3G (Chr. 22)**



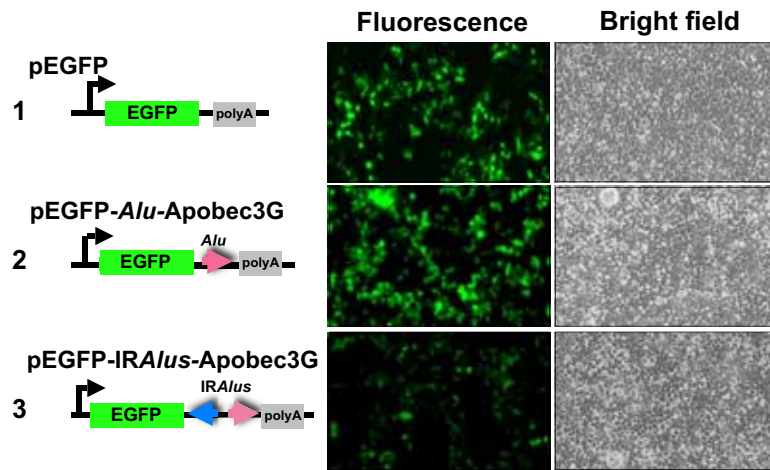
**AK093635:**

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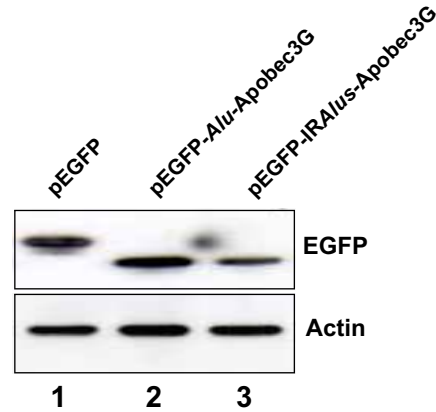
GGGTGGCTCG CACCTCTAAT CCCgGCACTT TGGGAGGCCA AGGCGGGCgG 150
ATCgCCTGAg GTTAGATATT CAAAACCGGC CTGGGCAACg TGGTGggATC 200
CCATCTCTAC TAAAAATACA AAAAAAAAAA AgTTAGCCAG GCATGGTGGC 250
gGTCACCTGT ggTCCCAGCT ACTCGGGAGG CTGAGGCgGG AGAACCGCTT 300
GATCCCATGA GGCAGAGGTT GTAGTGAGCC gAGATTGcgT CCTTGCATTC 350
  
```

9-14 edits reported

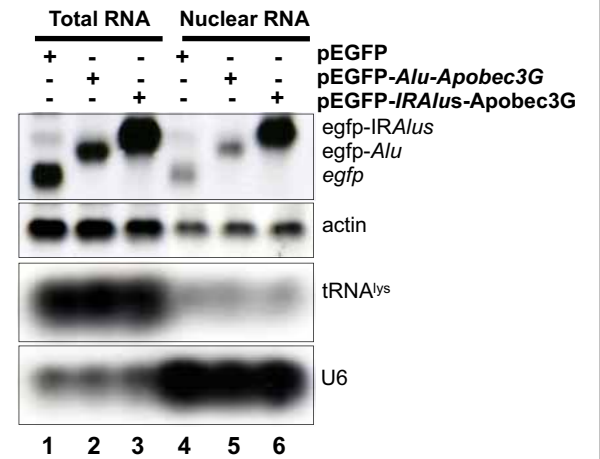
**B**

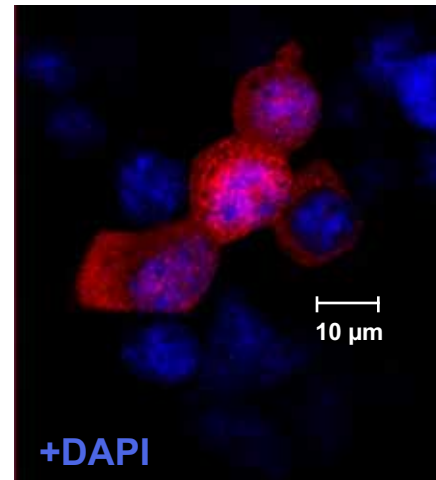
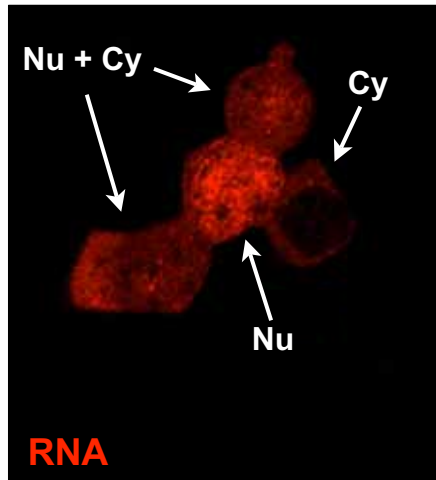


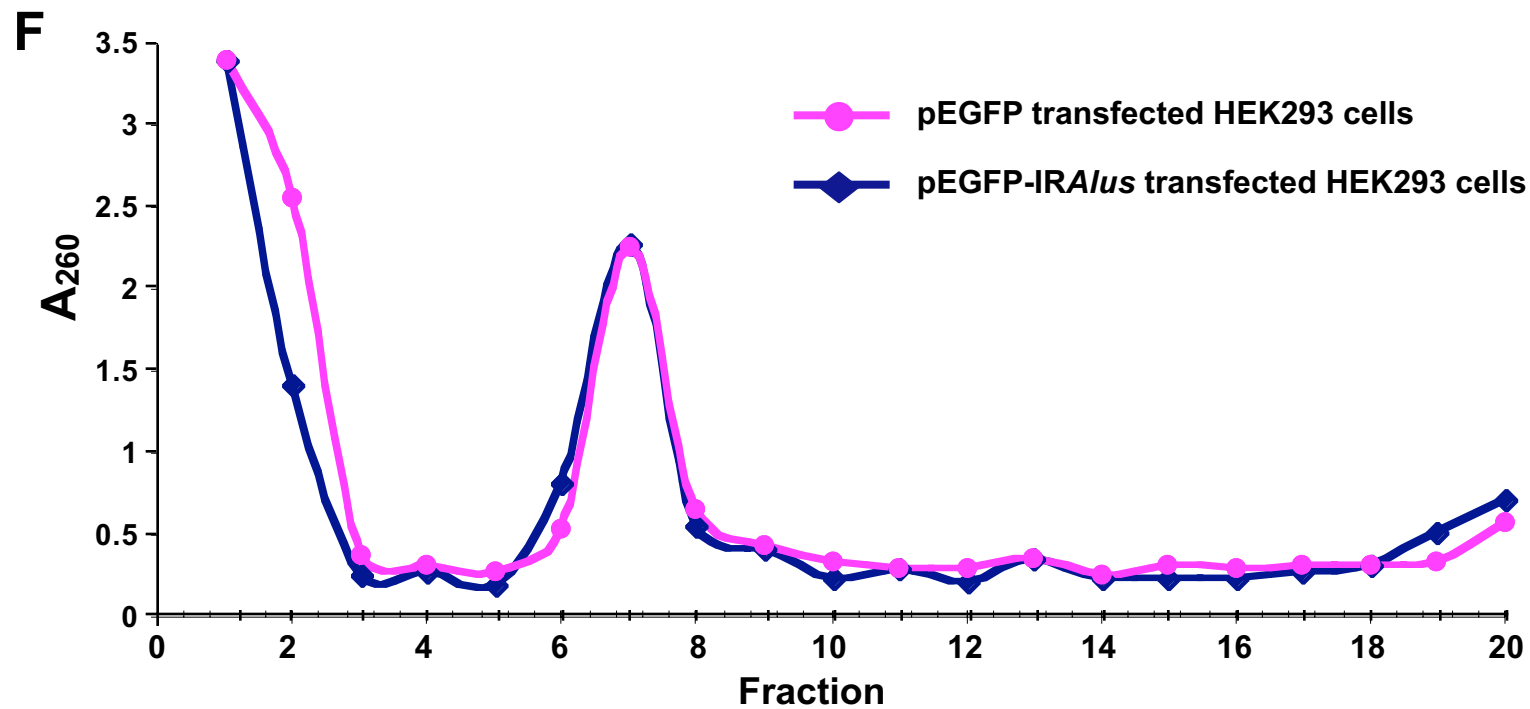
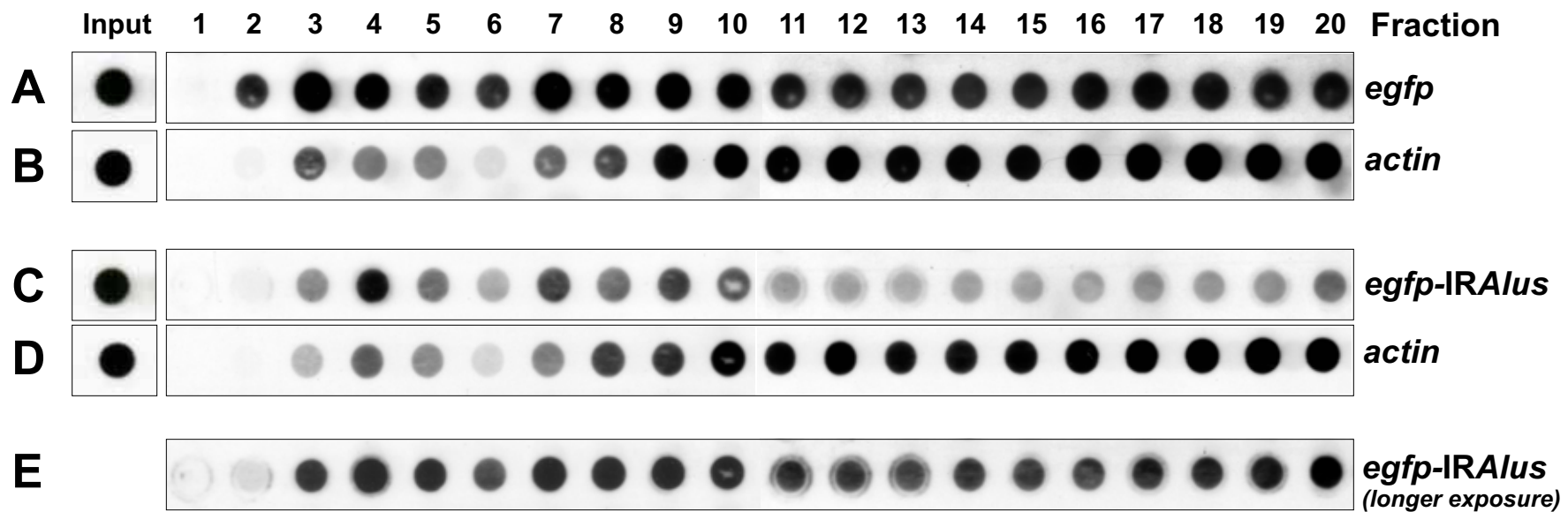
**C**



**D**

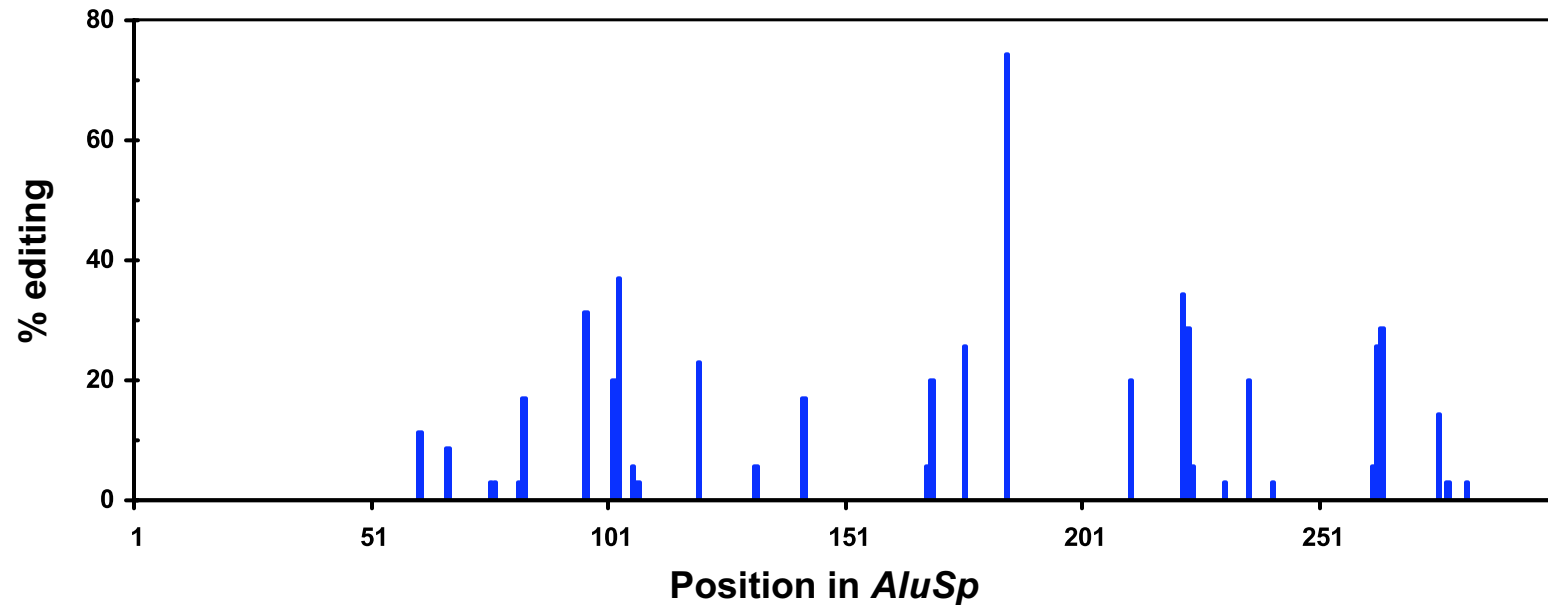


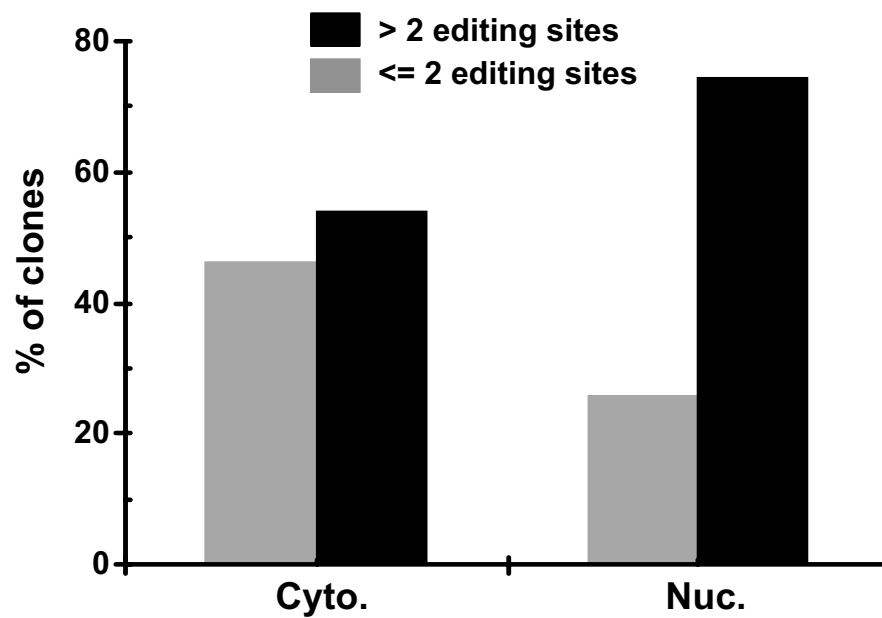
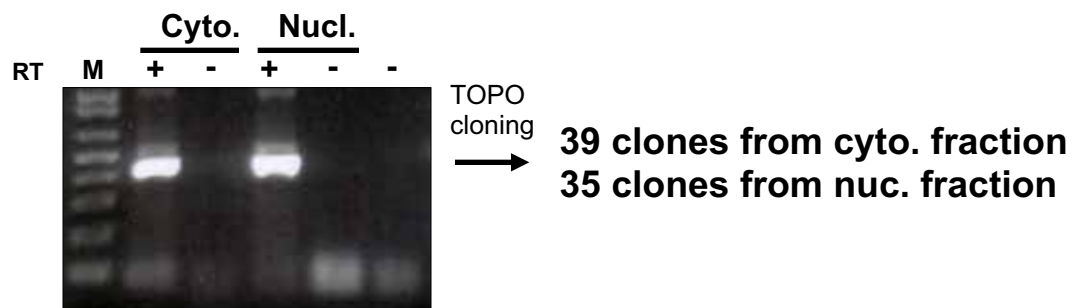
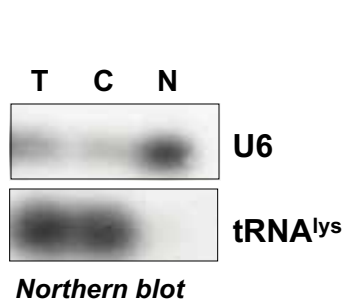


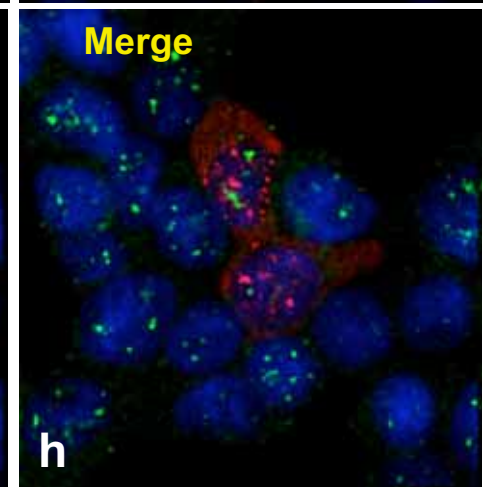
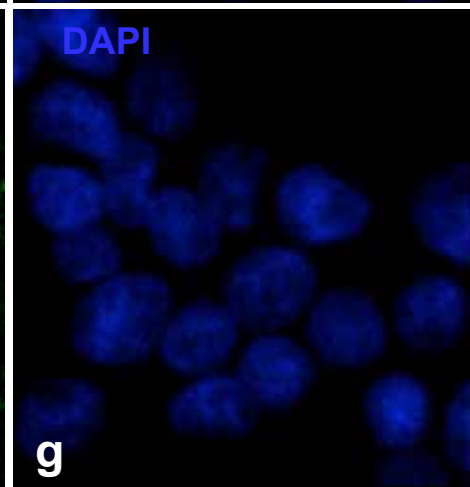
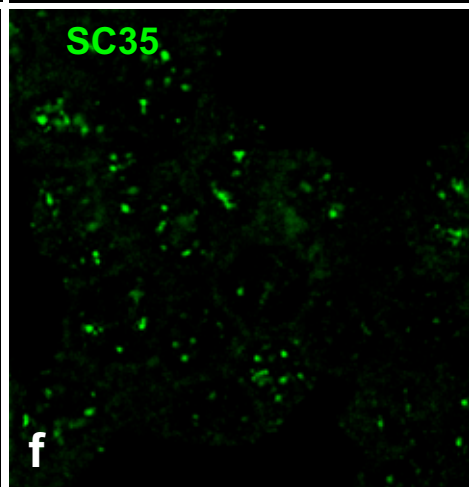
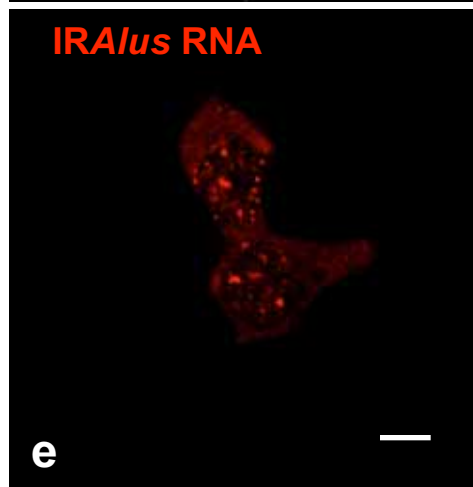
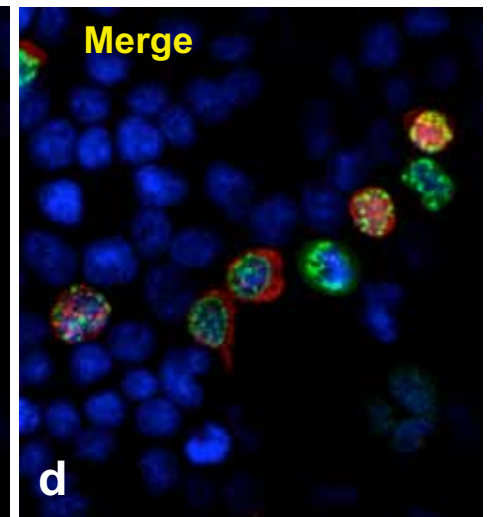
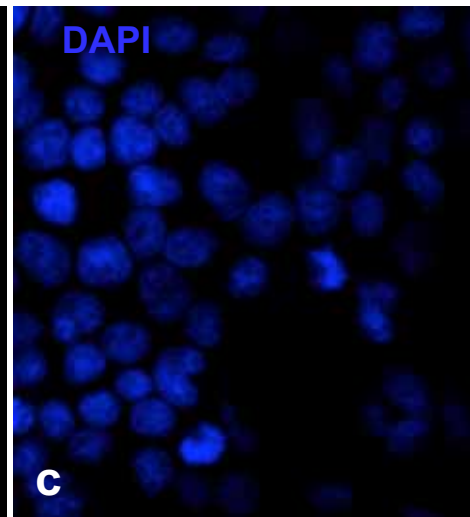
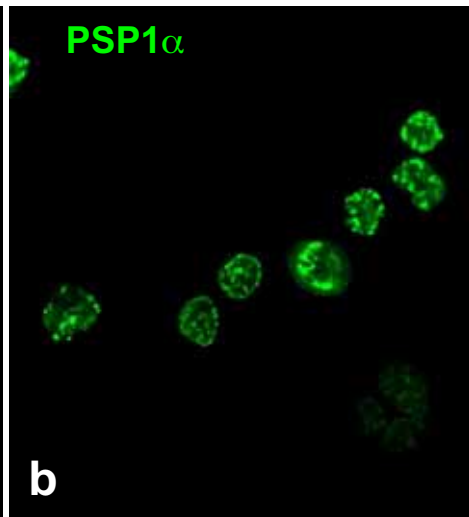
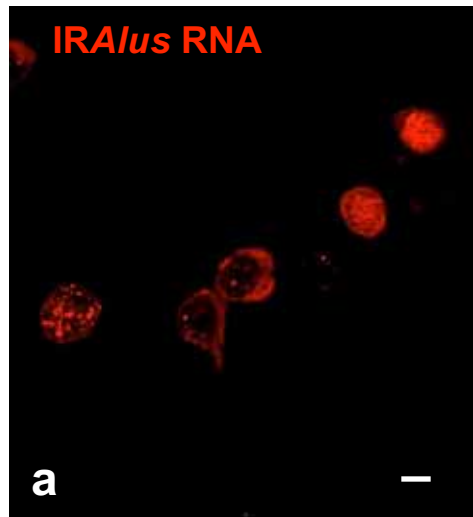


**A**

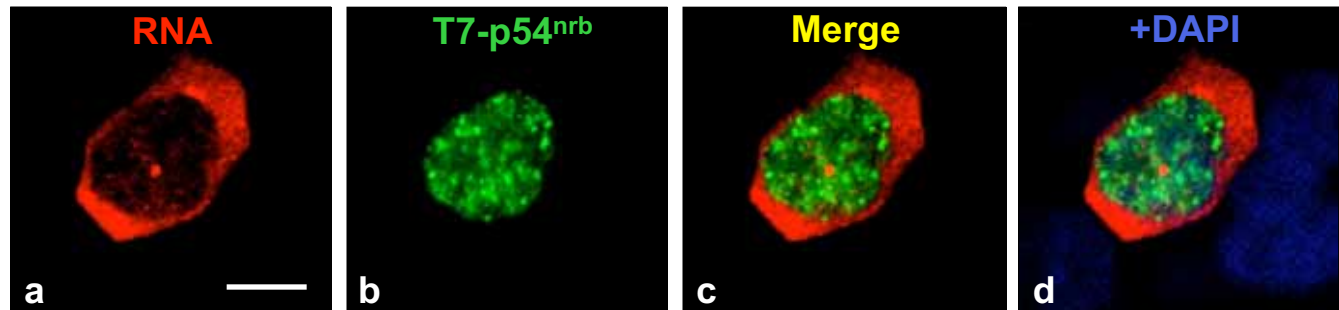
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AK094248	ATCACCATGCCTGGCTAgTTTTGTATTTGTgGTgGAGATGGGGTTTCTCCATGTTGGTCgGGCTGGTCTCagACACCTGACCTCAGGTGATCTGCCTGCC					
Seq. 1	ATCACCATGCCTGGCTAgTTTTGTgTTTGTAGTgGAGATGGGGTTTCTCCATGTTGGTCgGGCTGGTCTCgggCACCTGACCTCgGGTGgTCTGCCTGCC					
Seq. 2	ATCACCATGCCTGGCTAATTTTGTgTTTGTAGTgGAGATGGGGTTTCTCCATGTTGGTCgGGCTGGTCTCggACACCTGgCCTCgGGTGATCTGCCTGCC					
Seq. 3	ATCACCATGCCTGGCTAgTTTTGTATTTGTAGTgGAGATGGGGTTTCTCCATGTTGGTCgGGCTGGTCTCggACACCTGACCTCAGGTGATCTGCCTGCC					
Seq. 4	ATCACCATGCCTGGCTggTTTTGTATTTGTAGTgGAGATGGGGTTTCTCCATGTTGGTCgGGCTGGTCTCggACACCTGACCTCgGGTGATCTGCCTGCC					

**B**

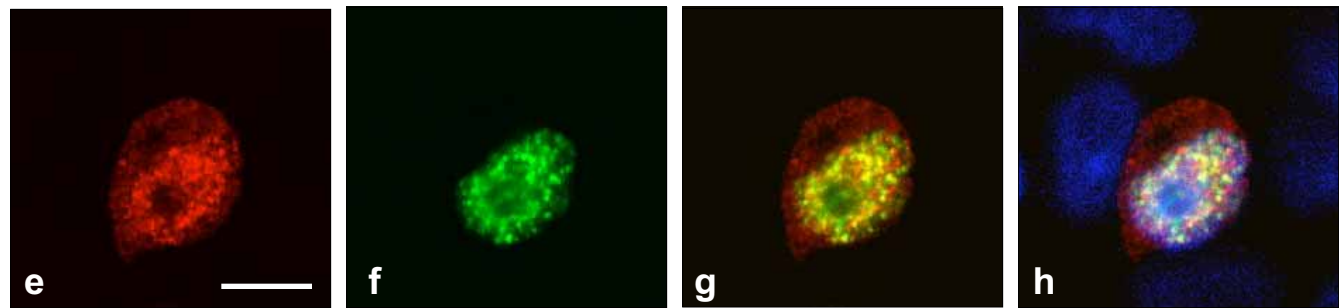




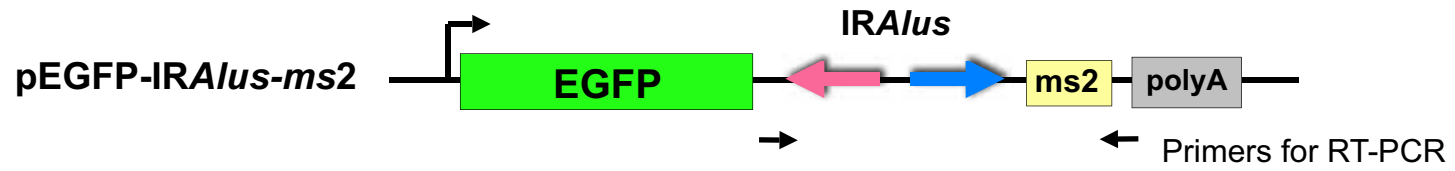
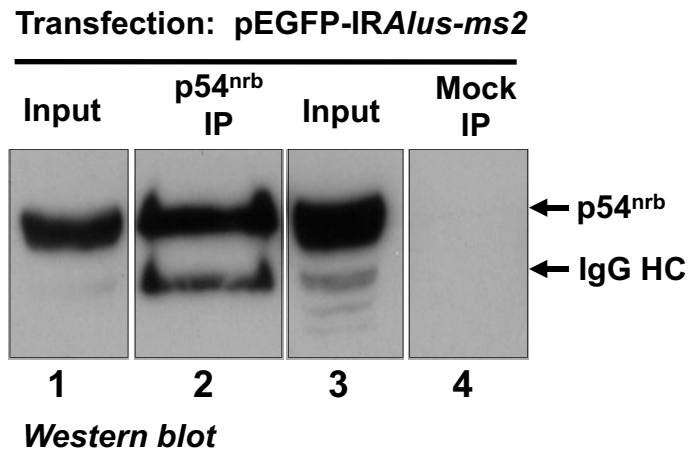
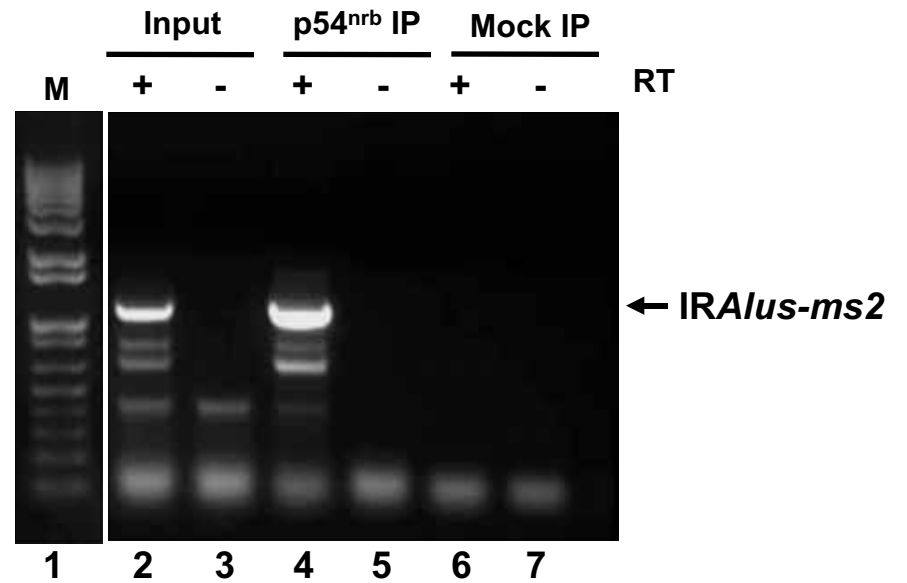
pEGFP-*Alu*-Lin28

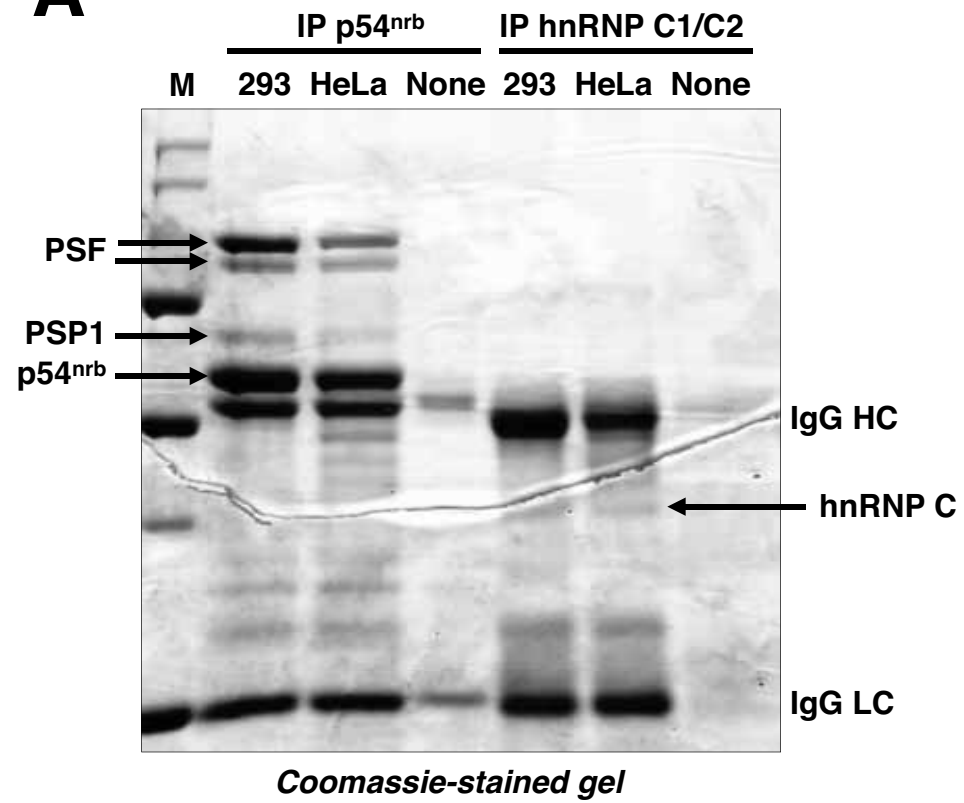
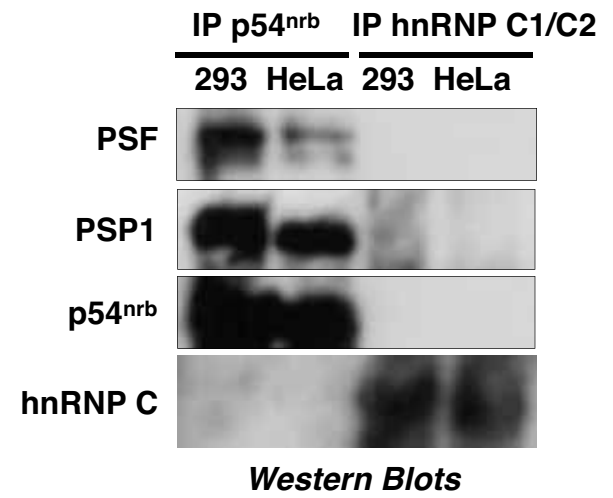


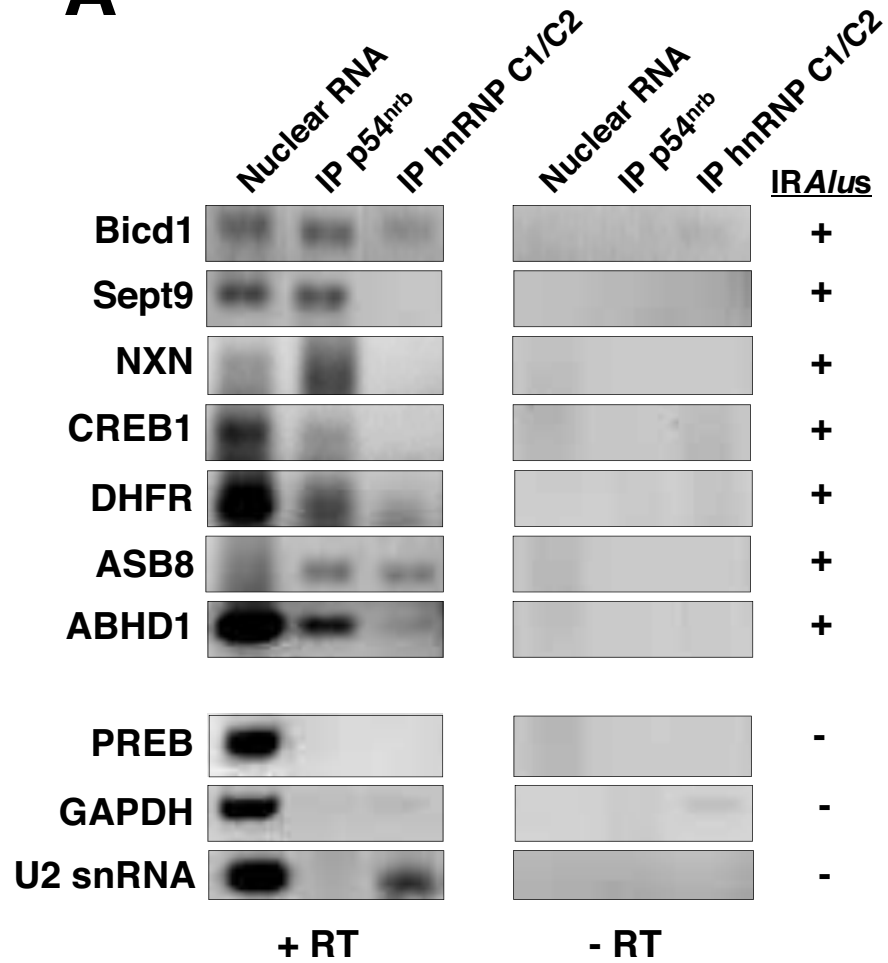
pEGFP-*IRA/**us*-Lin28





**A****B****C**

**A****B**

**A****B**