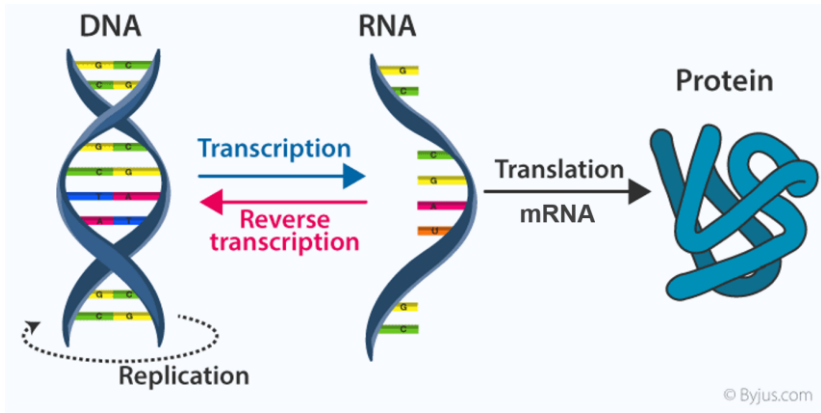
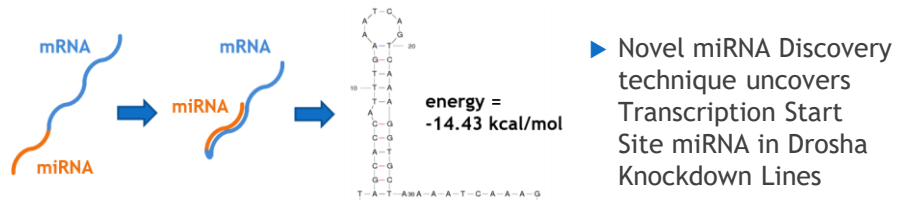
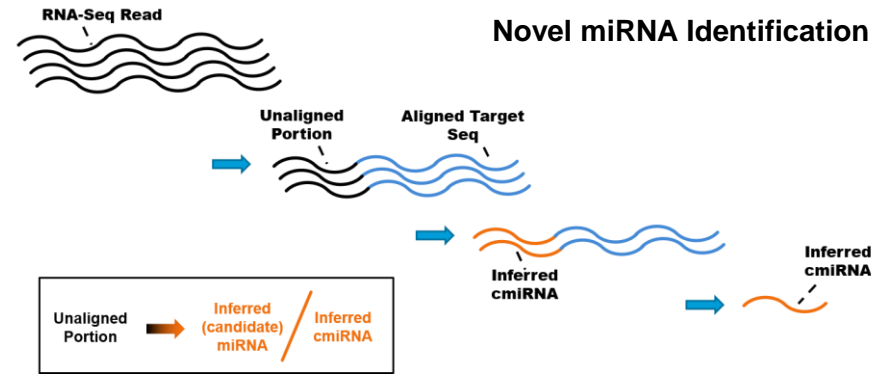
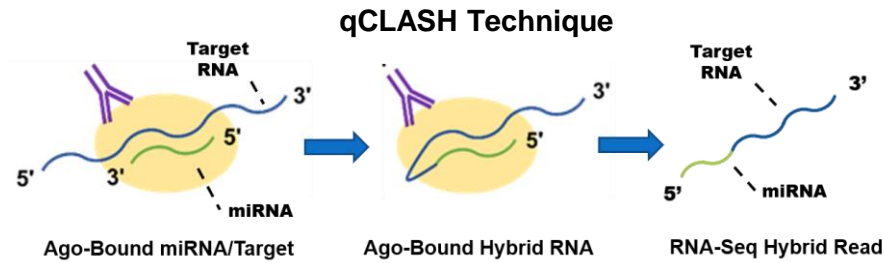


Interrogating the Cancer Noncoding Transcriptome via Novel Bioinformatics Methodology

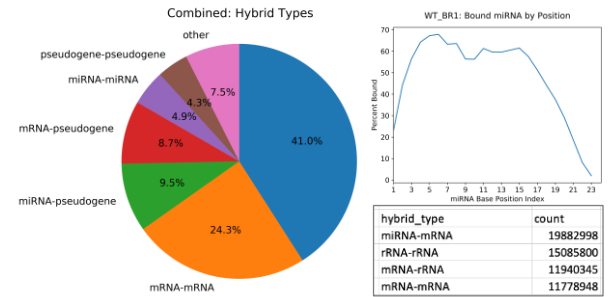
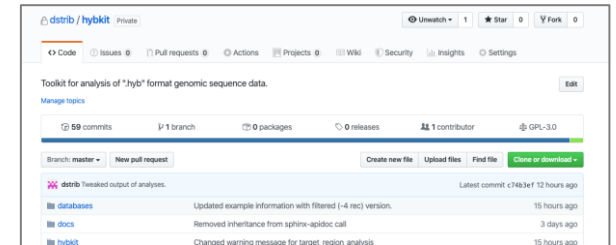
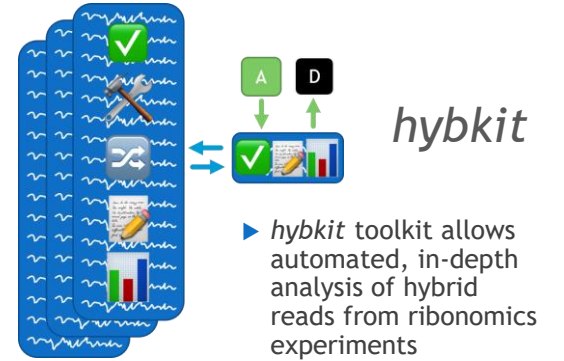


- ▶ The human genome encodes a diverse array of noncoding RNA (ncRNA)
- ▶ ~22nt micro RNA (miRNA) bind and regulate other RNA
- ▶ miRNA mediate transcription blockage and target degradation



Reference	Name	Dicer_KD	Dro_KD	Score
tss_all_grp_1		0.00	5.01	501.4
tss_all_grp_2		0.00	3.56	356.4
tss_all_grp_3	miR-877	0.02	6.23	279.5
tss_all_grp_4	miR-484	0.02	3.29	163.6
tss_all_grp_5		0.25	21.29	86.6
tss_all_grp_6	miR-320	0.04	2.68	74.0

Toolkit for RNA-Seq Hybrid Analysis



Stribling D, Gay LA, and Rolf R.

1. <https://byjus.com/biology/central-dogma-inheritance-mechanism/>

2. <https://www.genengnews.com/topics/omics/microrna-expression-could-be-key-to-leukemia-treatment/>

3. Adapted: Gay, L., et al. Journal of Virology (2018)