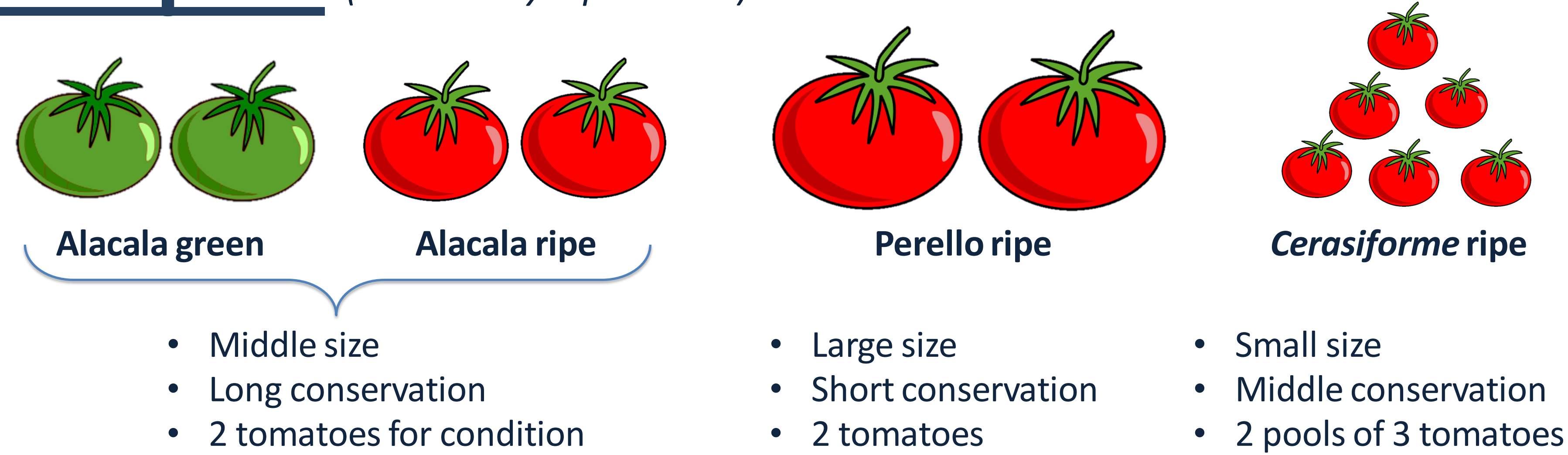


Samples *(Solanum lycopersicum)*



Data

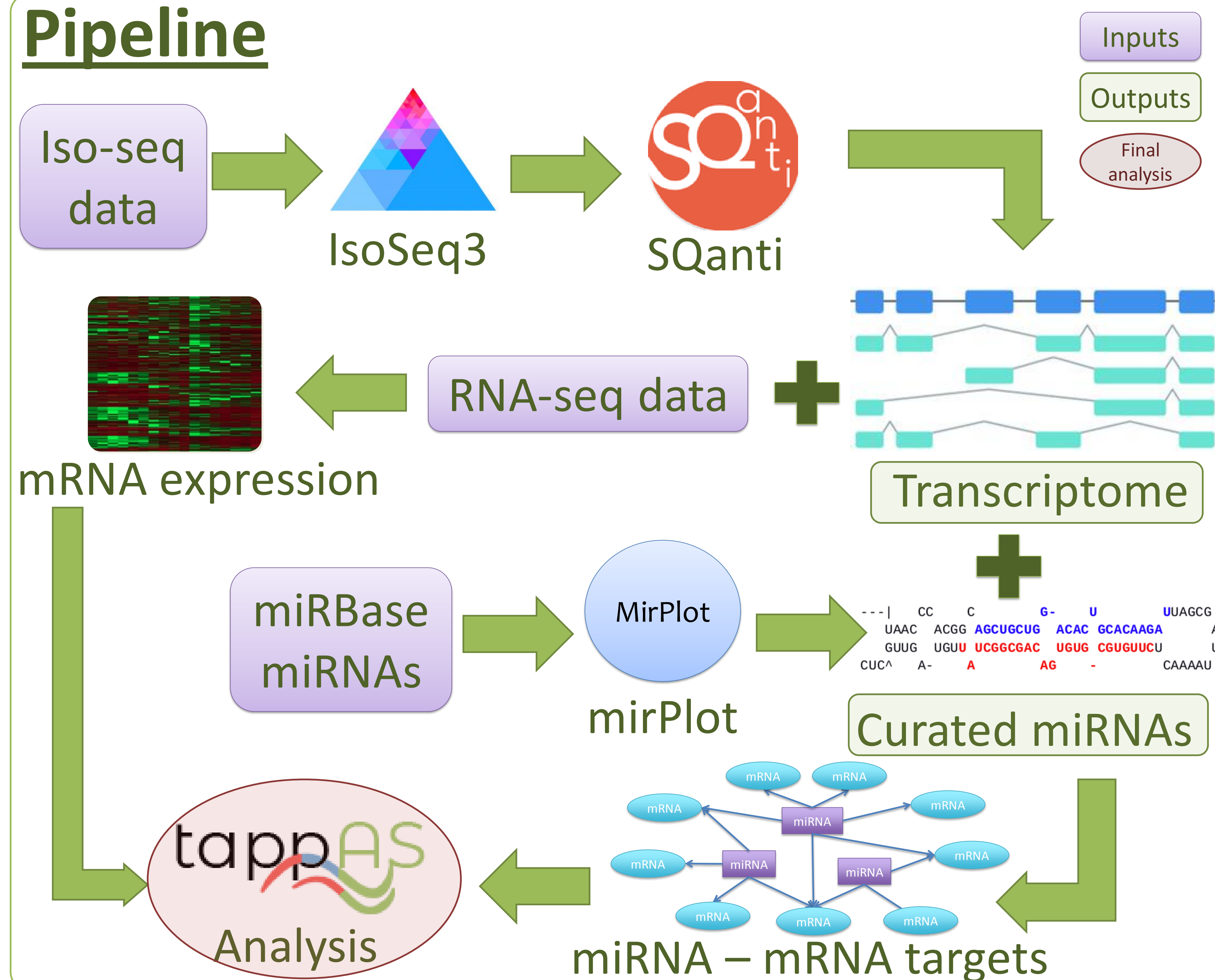


- Iso-seq data.
- Whole length transcripts.
- One library per condition.



- RNA-seq data.
- Paired-end reads of 150 nts.
- One library per sample.

Pipeline



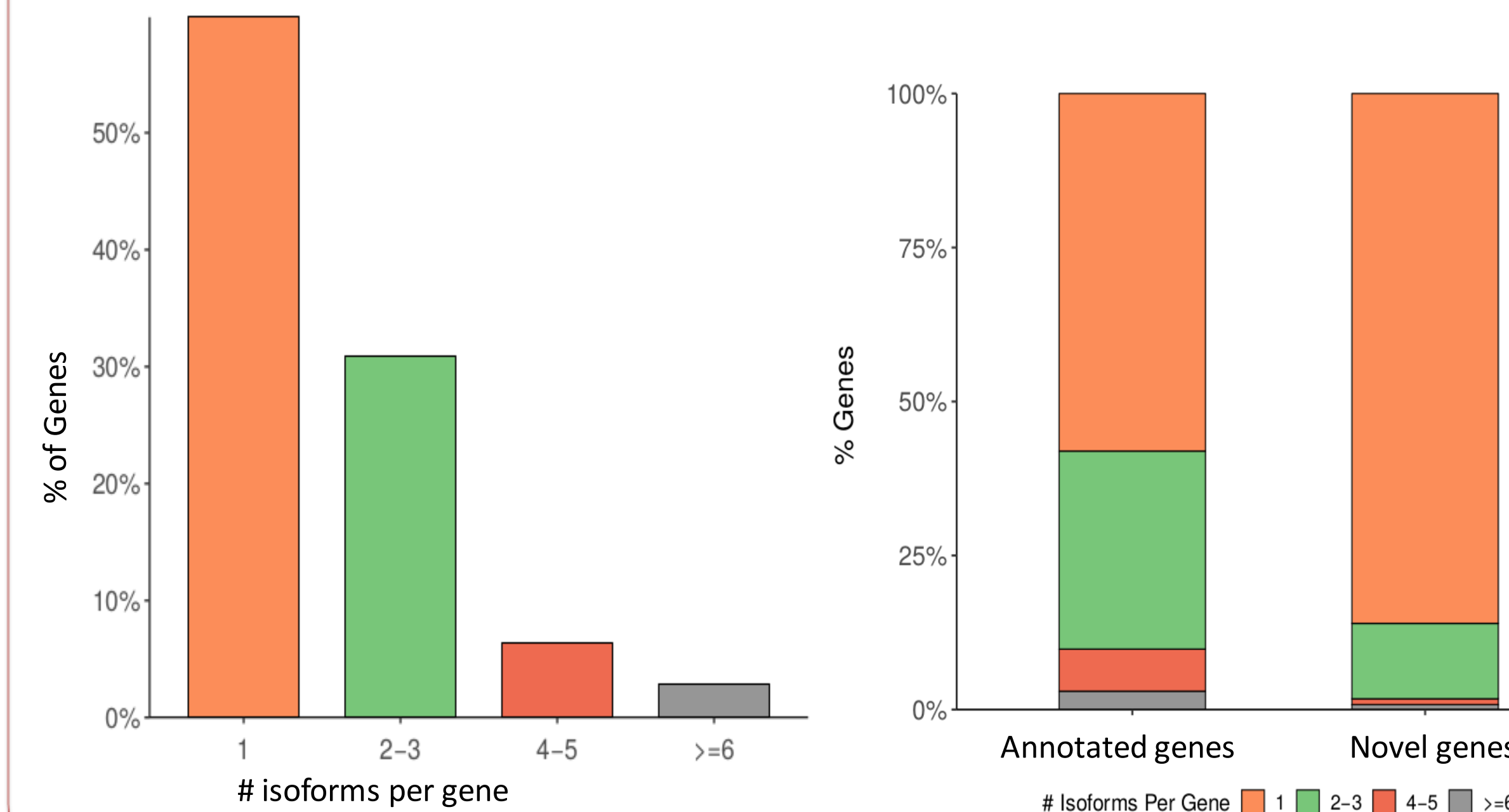
Results

Transcriptome

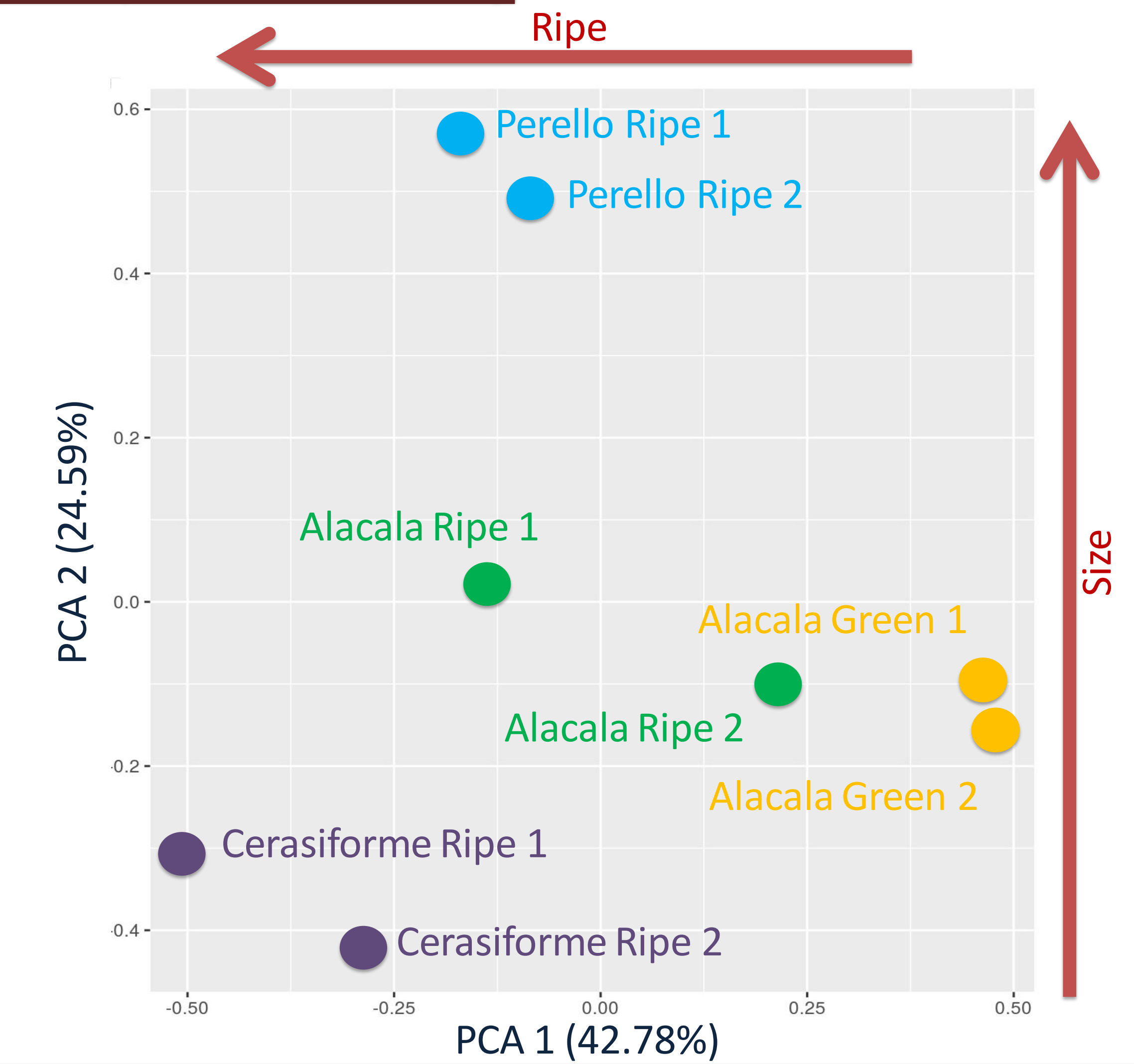
Category	# genes
Annotated genes	8.891
Novel genes	629

Category	# Splice Junction
Known Canonical	38.405
Known non-canonical	629
Novel Canonical	1,288
Novel Non-canonical	20

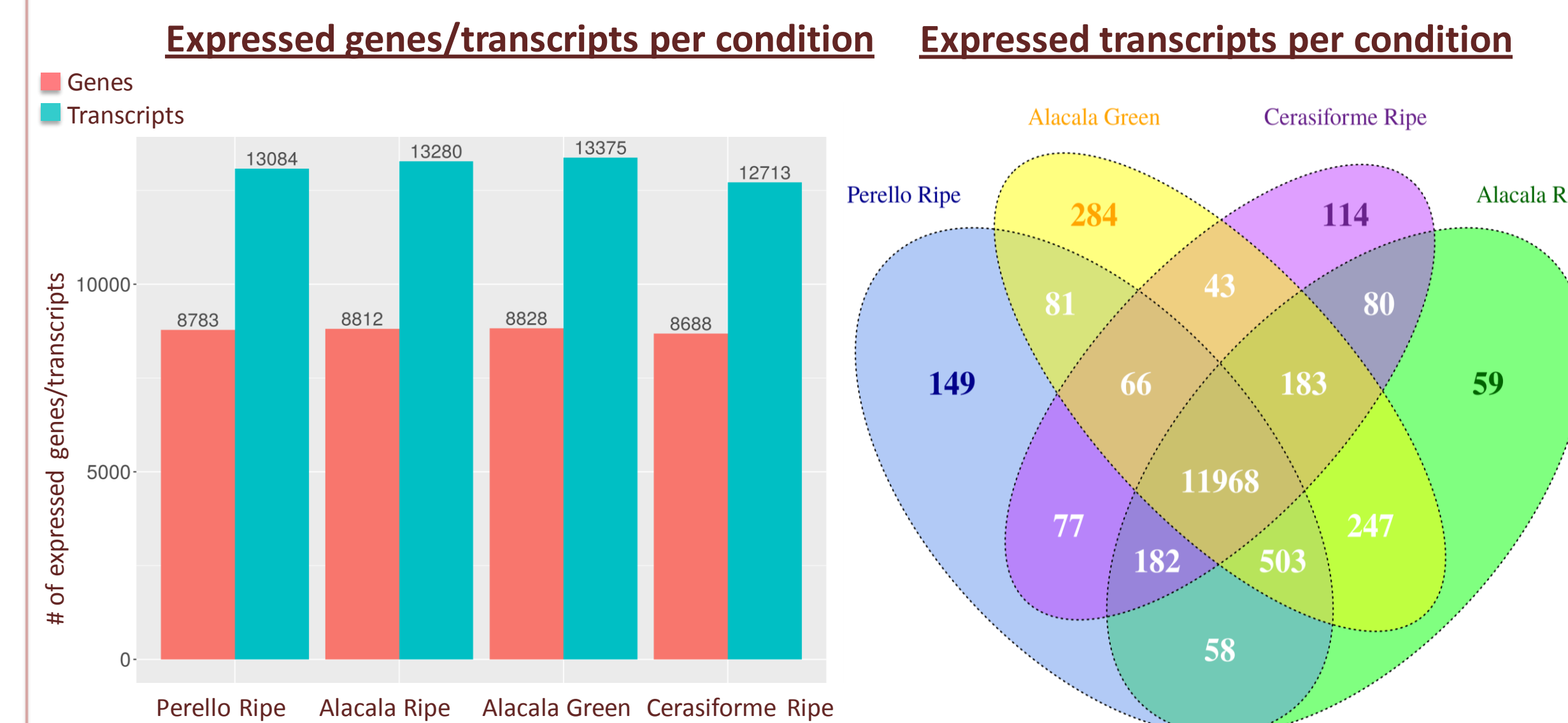
Distributions of isoforms per gene



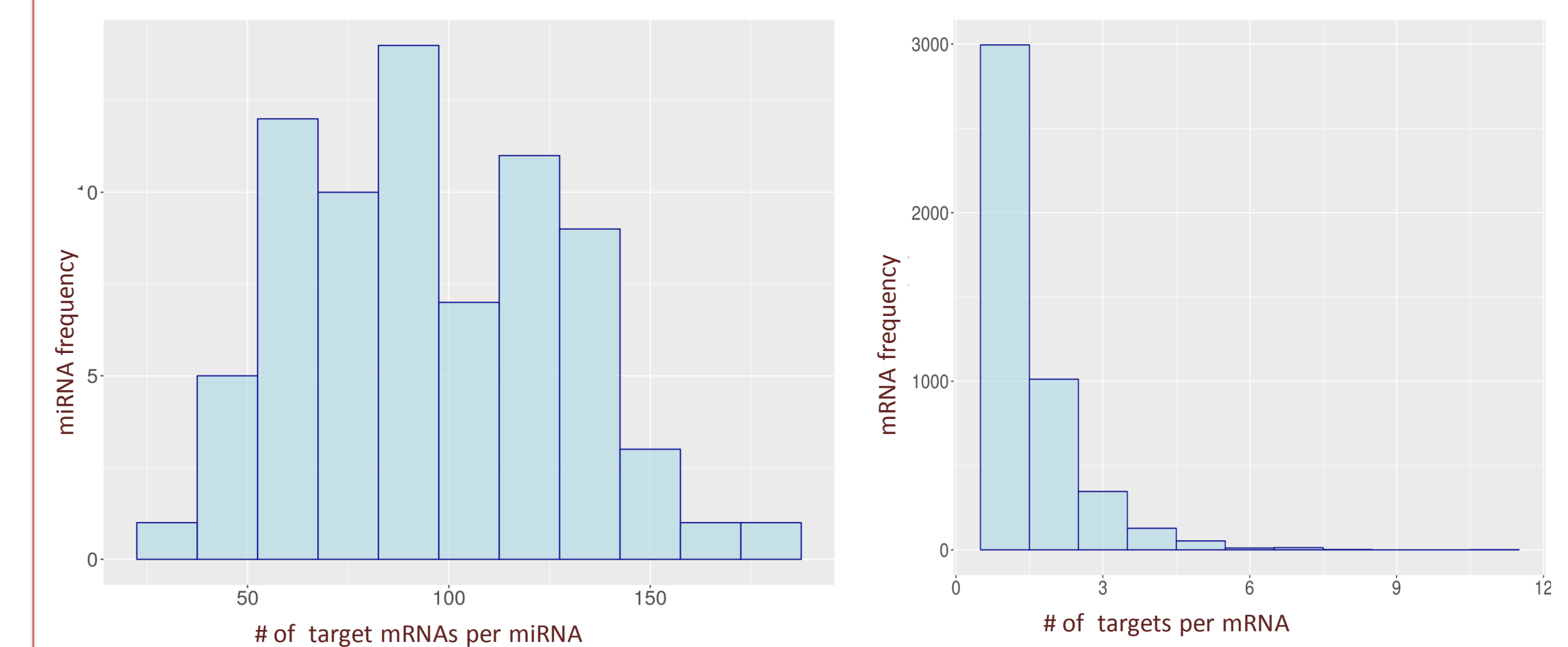
Sample clustering



Isoform expression

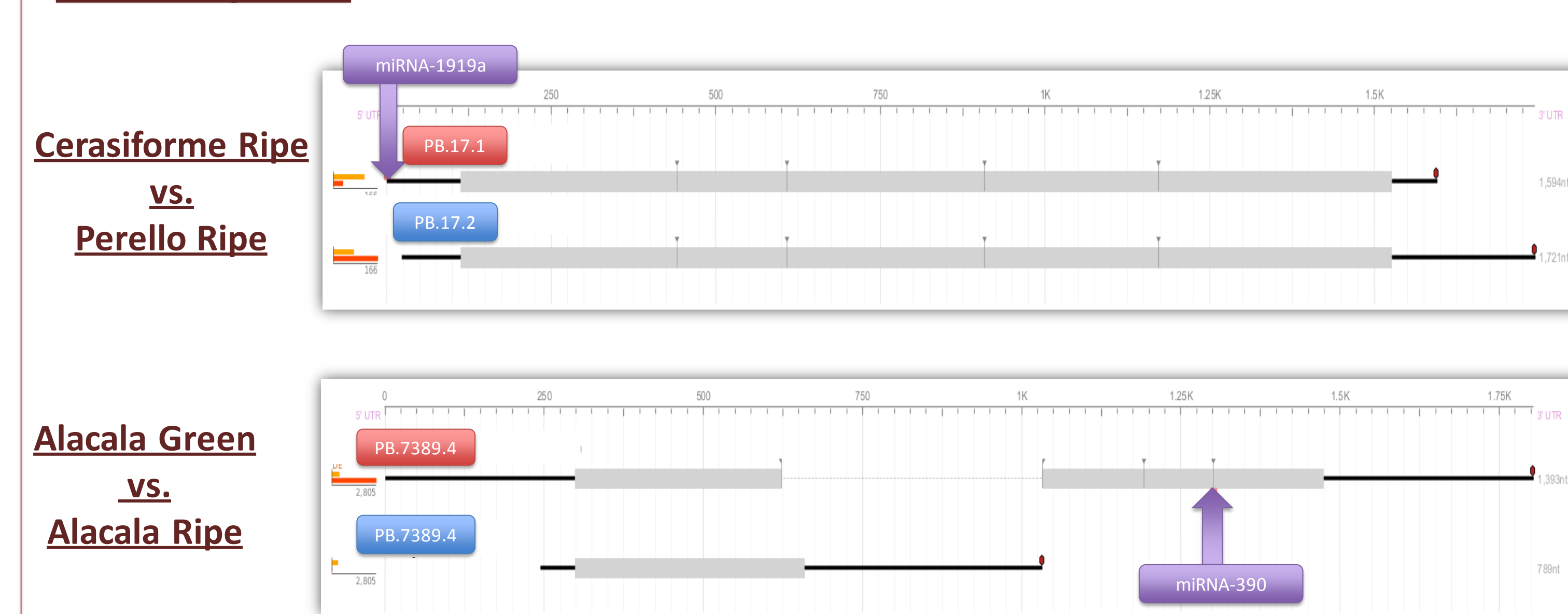


miRNA targets



Examples

Splicing isoforms with different miRNA targets



Differential Splicing (DS)

