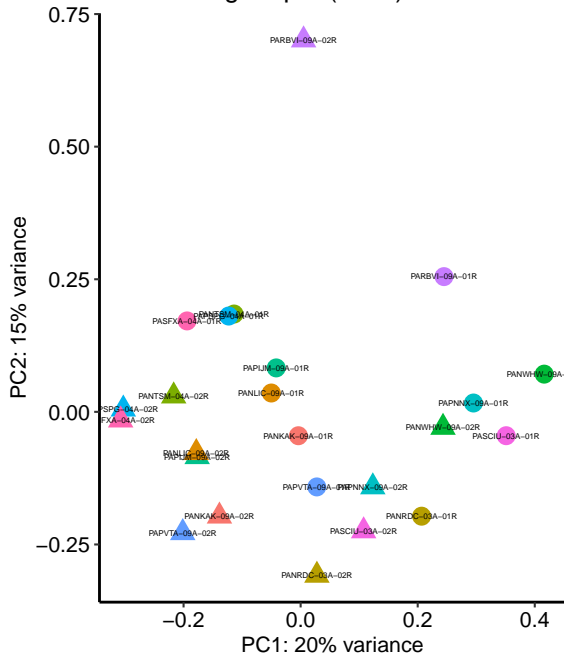
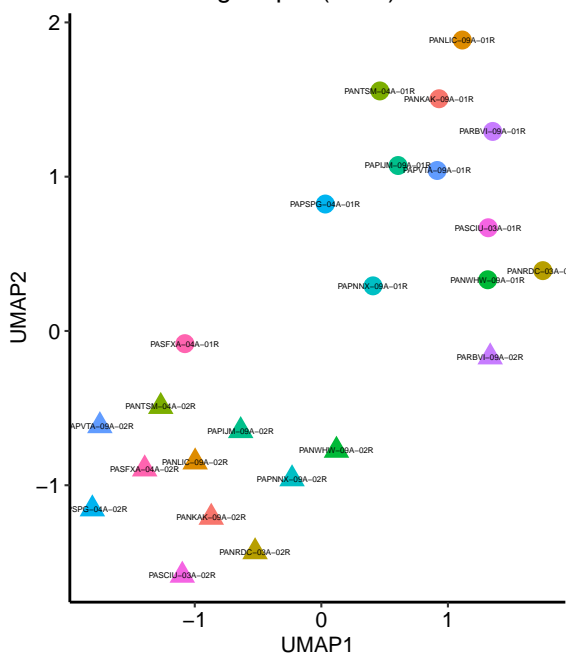


PCA: RUVg output ( $k = 1$ )

UMAP: RUVg output ( $k = 1$ )



rna\_library   ●   poly-A stranded   ▲   stranded

A PCA plot showing the first two principal components (PC1 and PC2) of the data. The x-axis is labeled "PC1: 19% variance" and ranges from -0.25 to 0.50. The y-axis is labeled "PC2: 16% variance" and ranges from -0.25 to 0.25. Data points are represented by colored circles and triangles, each labeled with a sample name. The labels include:

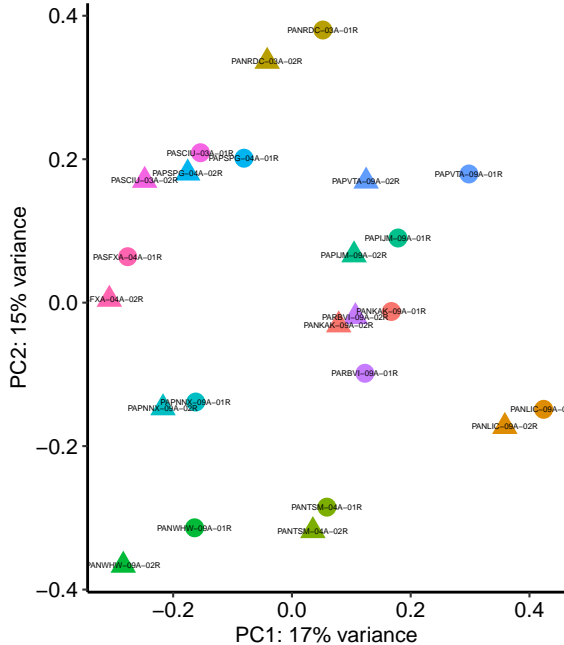
- PASFXA-04A-02R
- PANWHY-03A-02R
- PASFXA-04A-01R
- PASCIU-03A-02R
- PAPNNV-03A-02R
- PASPSP-04A-02R
- PASCIU-04A-01R
- PANWHY-03A-01R
- PANTSM-04A-01R
- PASPSP-04A-01R
- RDC-03A-02R
- PANRDC-03A-01R
- PANTSJ-04A-02R
- PANKAK-03A-02R
- PAPVTB-03A-02R
- PAPIJM-03A-02R
- PARBVI-03A-01R
- PANKAK-03A-01R
- PAPIJM-03A-01R
- PAPVTA-03A-01R
- PANLIC-03A-02R
- PANLIC-03A-01R
- PARBVI-03A-02R

●

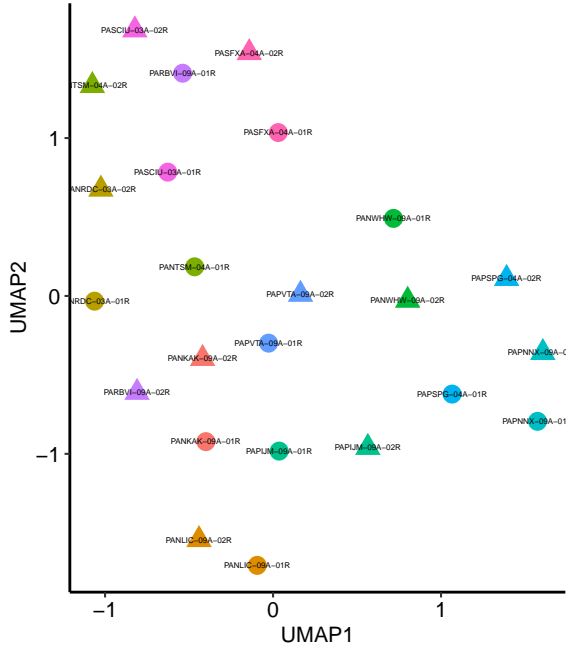
poly-A stranded

▲ stranded

PCA: RUVg output ( $k = 3$ )

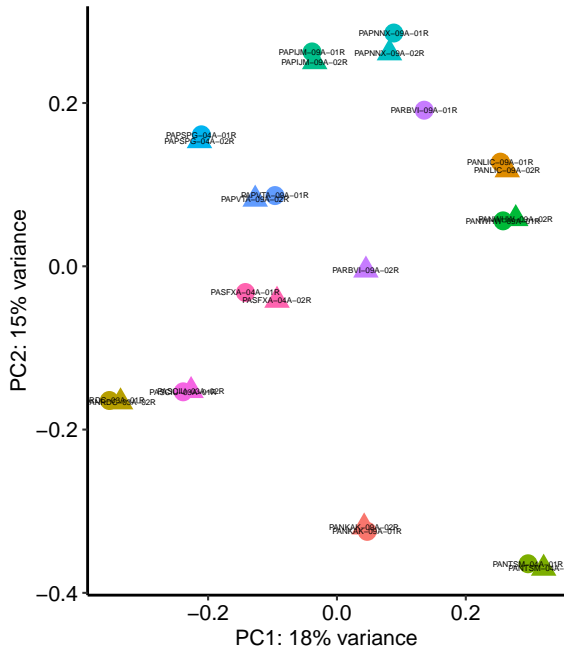


UMAP: RUVg output ( $k = 3$ )

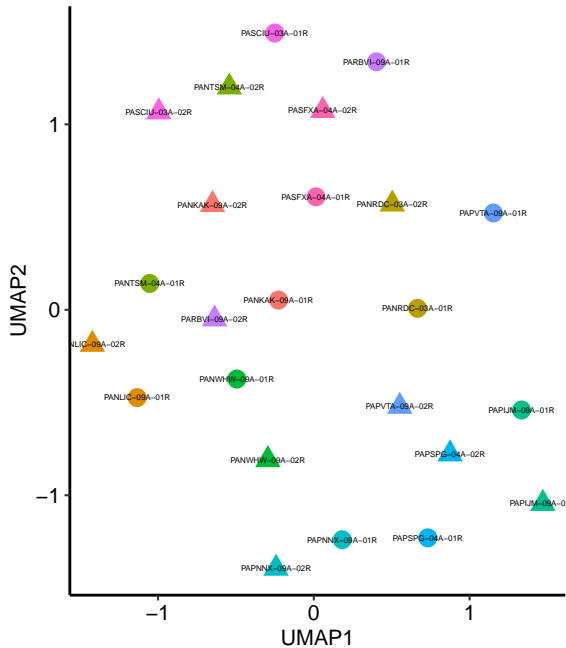


rna\_library   ●   poly-A stranded   ▲   stranded

### PCA: RUVg output ( $k = 4$ )

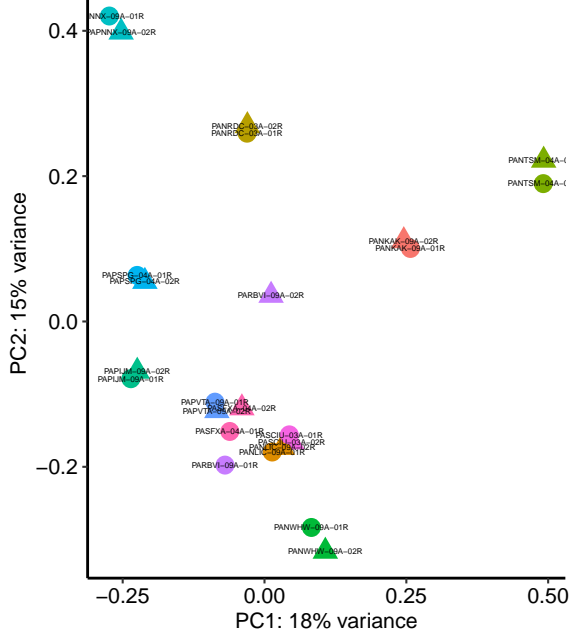


UMAP: RUVg output ( $k = 4$ )

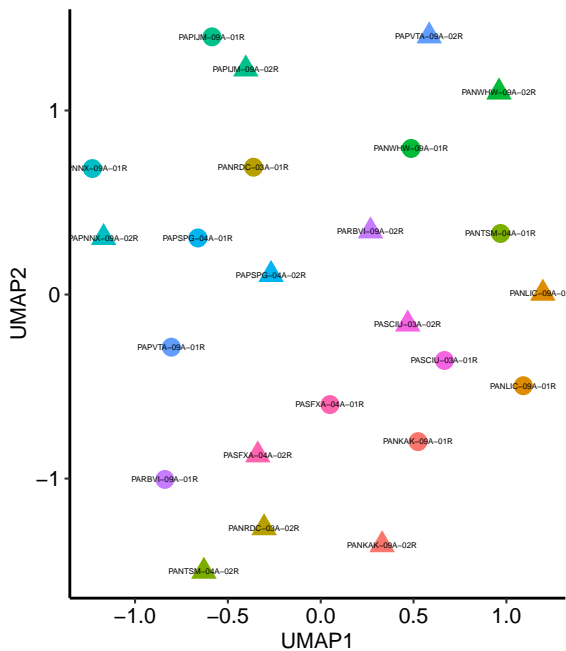


rna\_library   ●   poly-A stranded   ▲   stranded

PCA: RUVg output ( $k = 5$ )



UMAP: RUVg output ( $k = 5$ )



rna\_library   ●   poly-A stranded   ▲   stranded