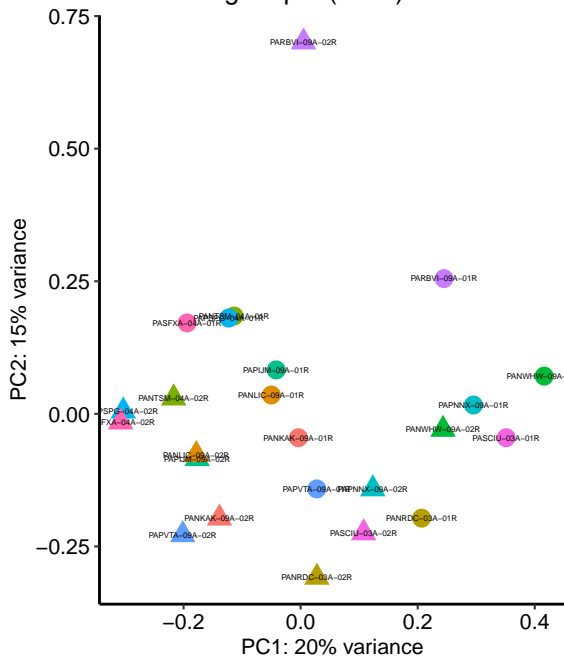
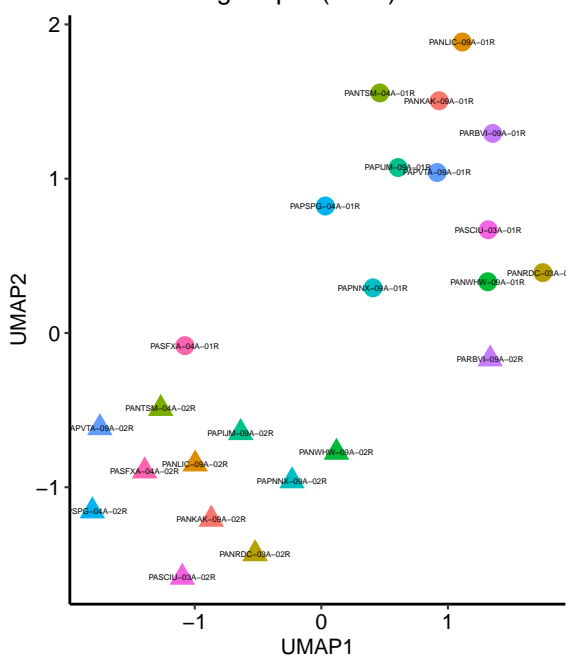


PCA: RUVg output (k = 1)



UMAP: RUVg output (k = 1)



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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
- PAPNNK-03A-02R
- PAPSPG-04A-02R
- PASCIU-04A-01R
- PANWHY-03A-01R
- PASP-04A-01R
- RDC-03A-02R
- PANTSM-04A-01R
- PANRDC-03A-01R
- PANTSU-04A-02R
- PANKAK-03A-02R
- PAPIJM-03A-02R
- PAPVTA-03A-02R
- PARBVI-03A-01R
- PANKAK-03A-01R
- PAPIJM-03A-01R
- PAPVTA-03A-01R
- PANLIC-03A-02R
- PANLIC-03A-01R

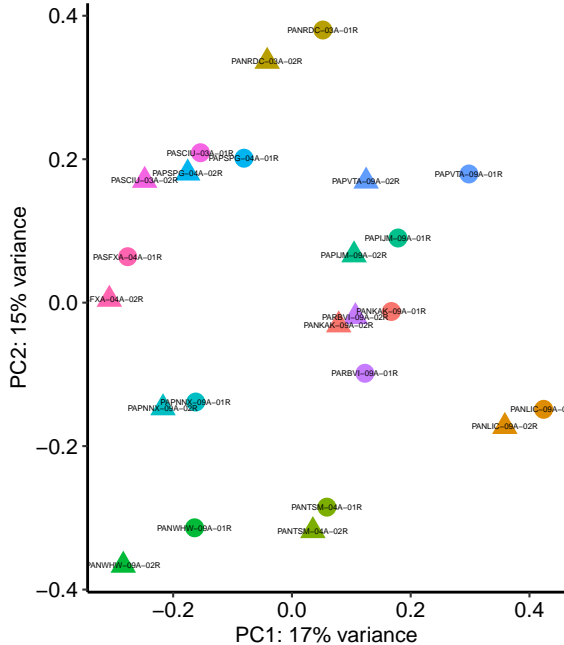
[illegible]

●

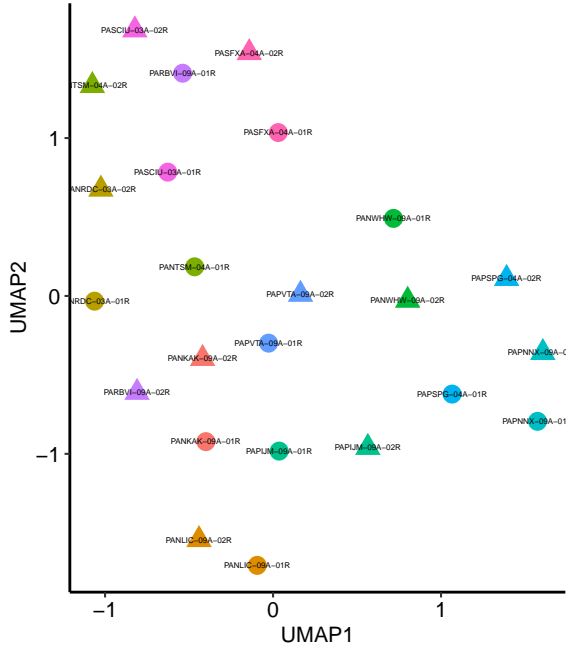
poly-A stranded

▲ stranded

PCA: RUVg output ( $k = 3$ )

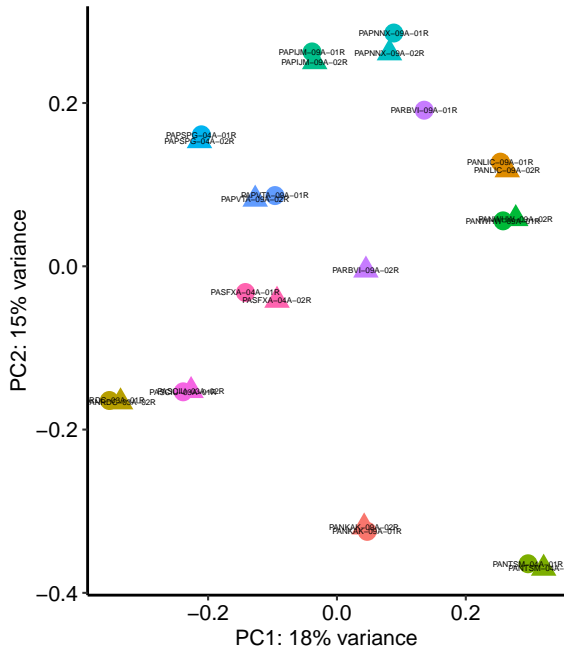


UMAP: RUVg output ( $k = 3$ )

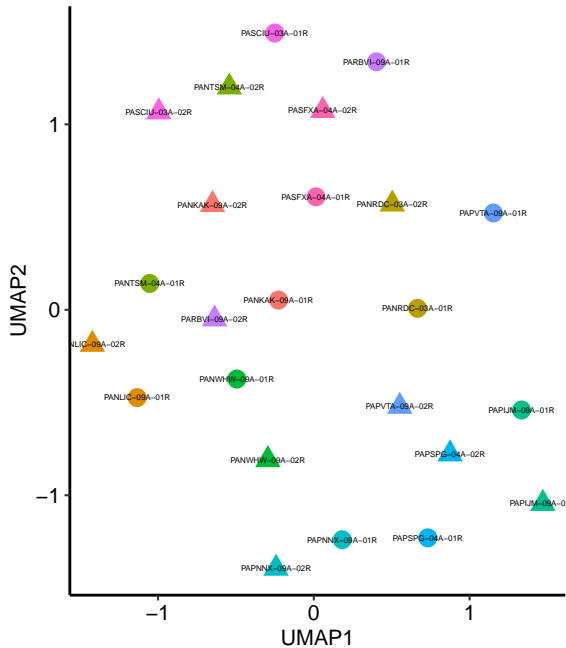


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### PCA: RUVg output ( $k = 4$ )

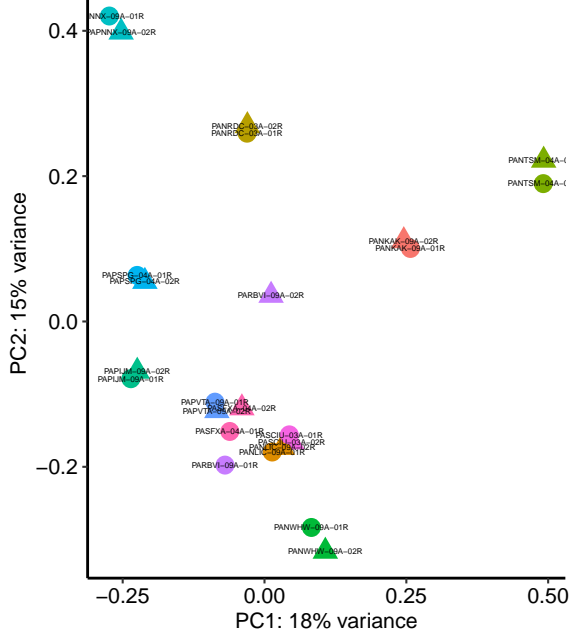


UMAP: RUVg output ( $k = 4$ )

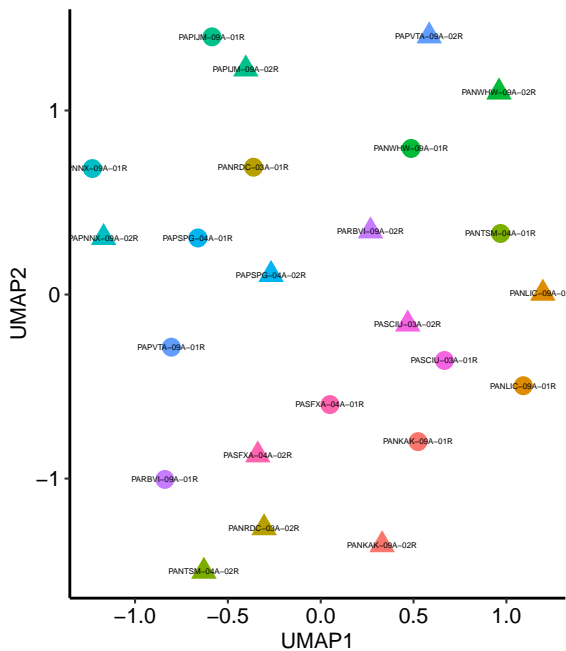


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PCA: RUVg output ( $k = 5$ )



UMAP: RUVg output ( $k = 5$ )



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