

PCA plot showing PC1 (20% variance) on the x-axis and PC2 (15% variance) on the y-axis. The plot displays 18 samples, each represented by a unique color and shape. The samples are clustered into three main groups: a top cluster of purple triangles (PARBVI-03A-02R, PARBVI-03A-01R), a middle cluster of green circles (PANWHIT-03A-01R, PANWHIT-03A-02R, PANWHT-03A-01R, PANWHT-03A-02R), and a bottom cluster of orange triangles (PANTSM-04A-02R, PANTSM-04A-01R, PANTSM-04A-02R, PANTSM-04A-01R). Other samples are scattered in the center and bottom. The x-axis is labeled 'PC1: 20% variance' and ranges from -0.2 to 0.4. The y-axis is labeled 'PC2: 15% variance' and ranges from -0.2 to 0.2.

UMAP2

UMAP1

PANLIC-09A-01R

PANTS-04A-01R

PANKAK-09A-01R

PARBVI-09A-01R

PAPIUM-09A-01R

PAVTA-09A-01R

PAPSFG-04A-01R

PANNX-09A-01R

PASCII-09A-01R

PANRW-09A-01R

PANRDC-09A-01R

PANTS-04A-02R

SPG-04A-02R

PASFKA-04A-02R

PANLIC-09A-02R

PAPIJM-09A-02R

PANRDC-09A-02R

PANKAK-09A-02R

PANNX-09A-02R

PASCII-09A-02R

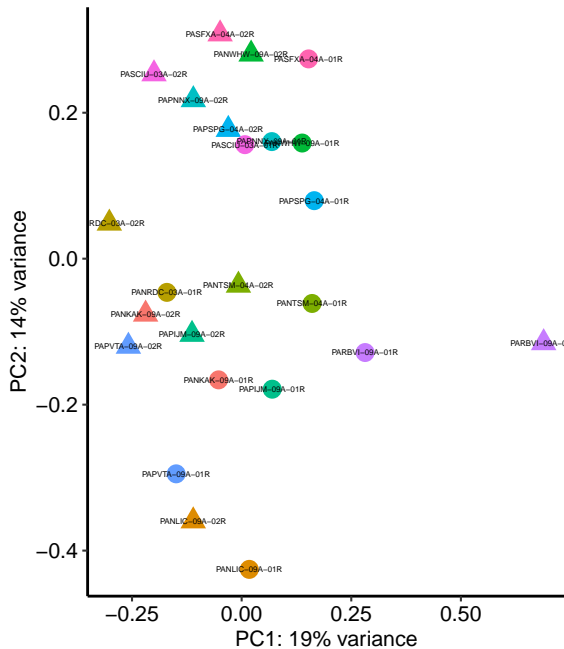
PARBVI-09A-02R

●

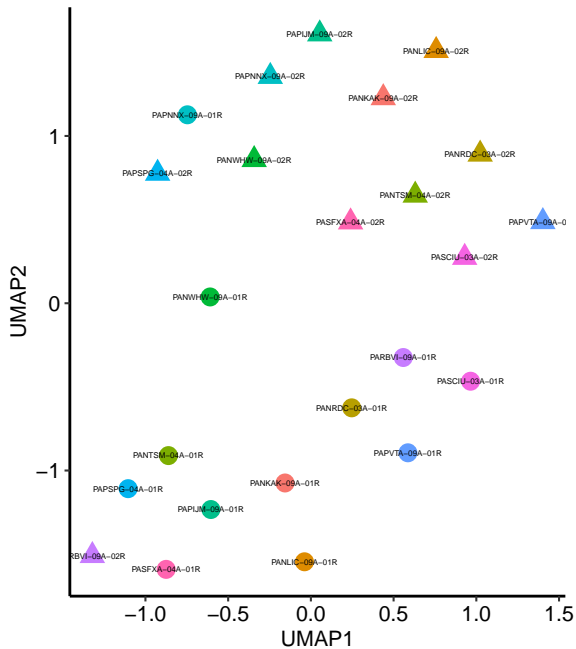
poly-A stranded

▲ stranded

PCA: RUVg output ($k = 2$)

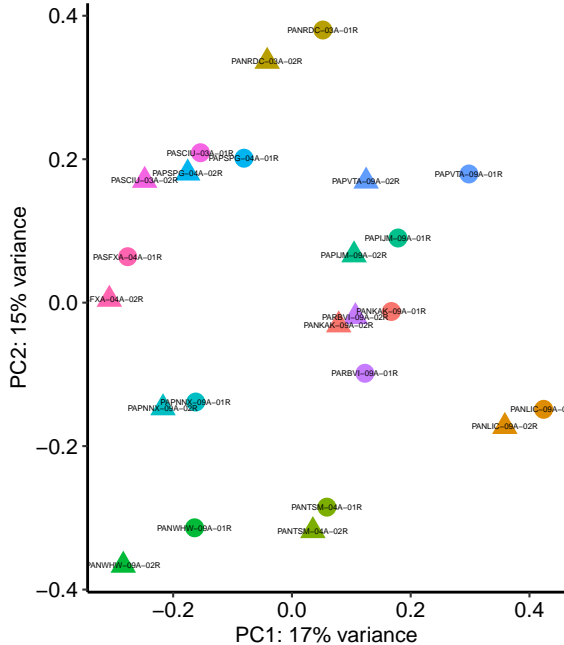


UMAP: RUVg output ($k = 2$)

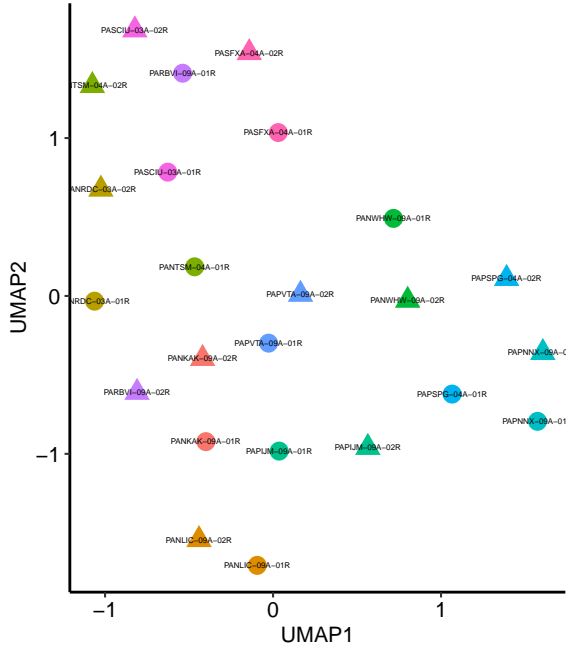


rna_library ● poly-A stranded ▲ stranded

PCA: RUVg output ($k = 3$)

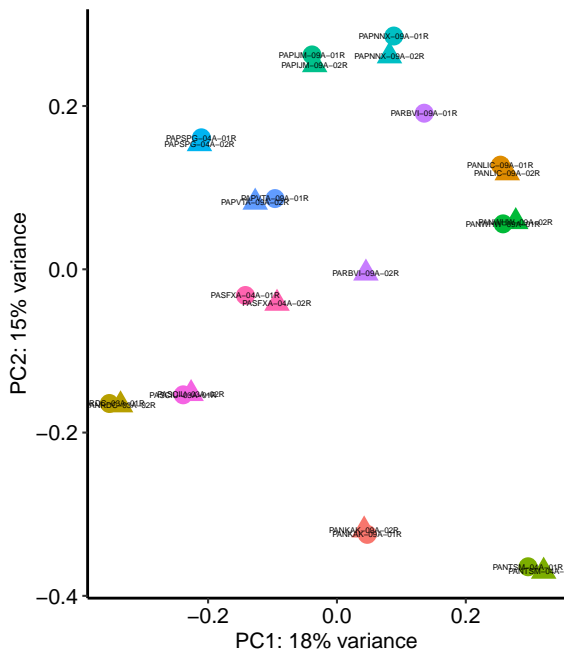


UMAP: RUVg output ($k = 3$)

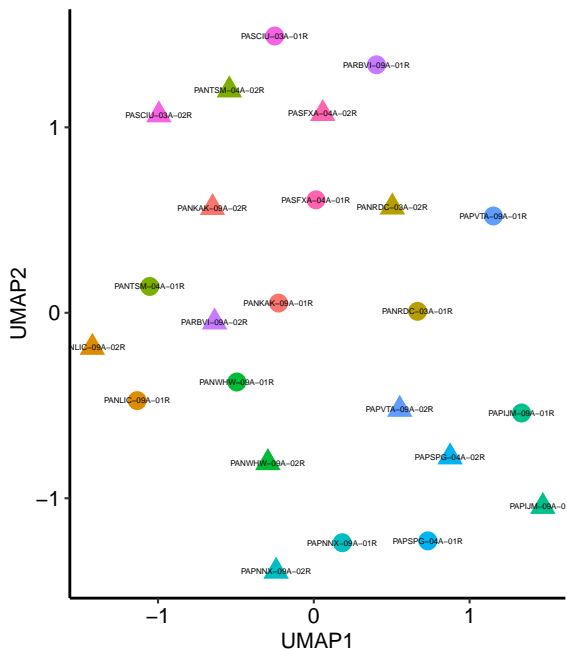


rna_library ● poly-A stranded ▲ stranded

PCA: RUVg output (k = 4)

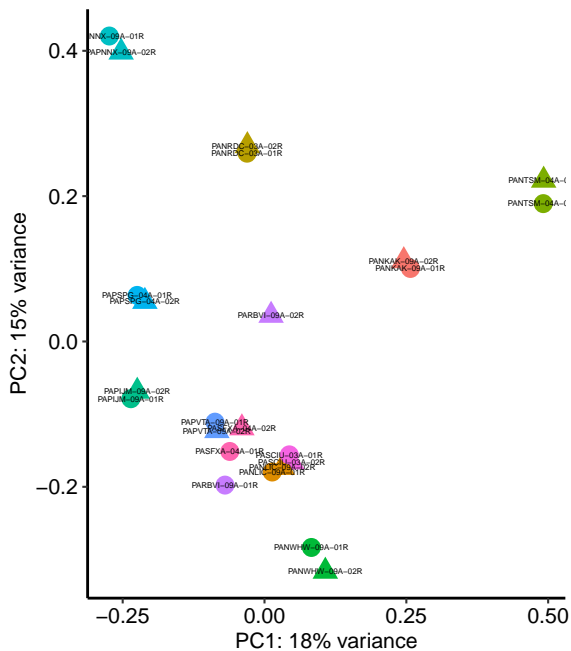


UMAP: RUVg output (k = 4)

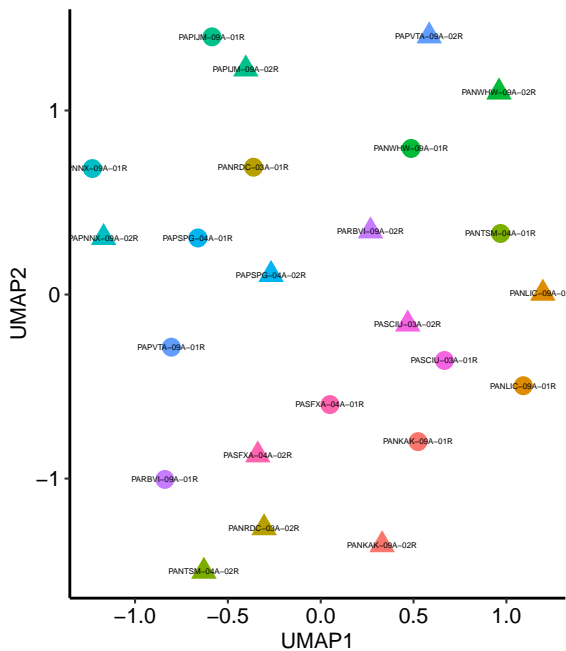


rna_library ● poly-A stranded ▲ stranded

PCA: RUVg output (k = 5)



UMAP: RUVg output (k = 5)



rna_library ● poly-A stranded ▲ stranded