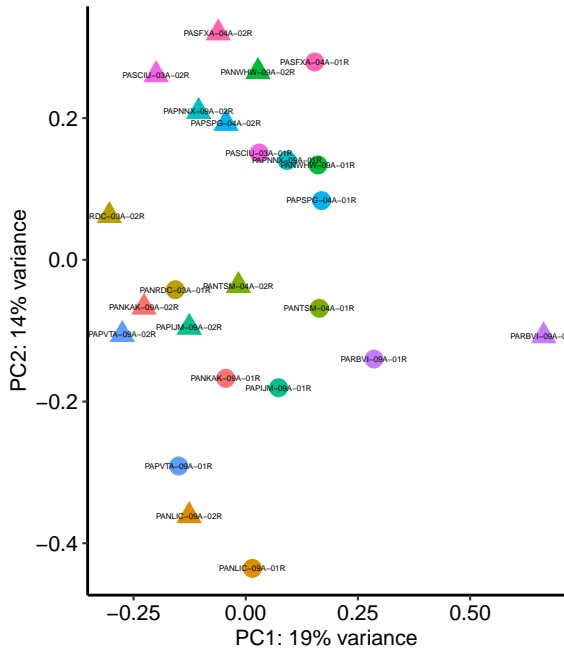


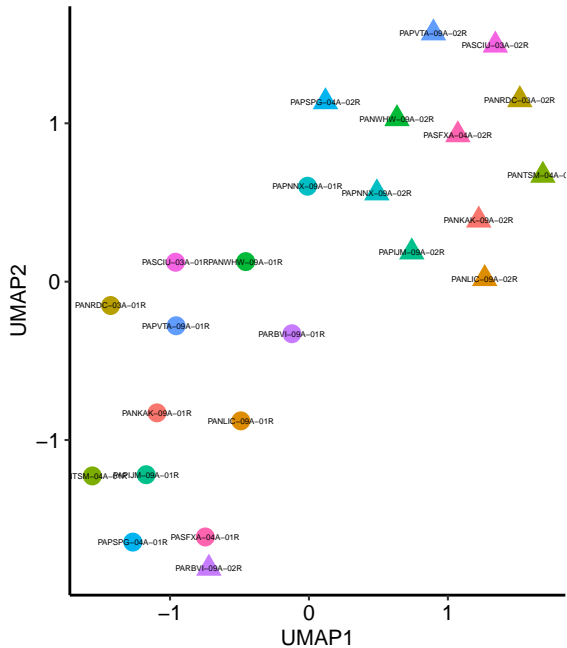
[illegible]

●

### PCA: RUVg output ( $k = 2$ )

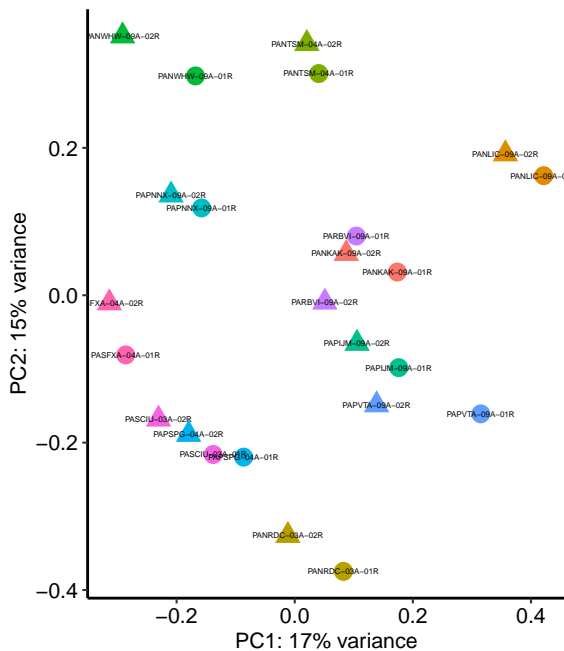


UMAP: RUVg output ( $k = 2$ )

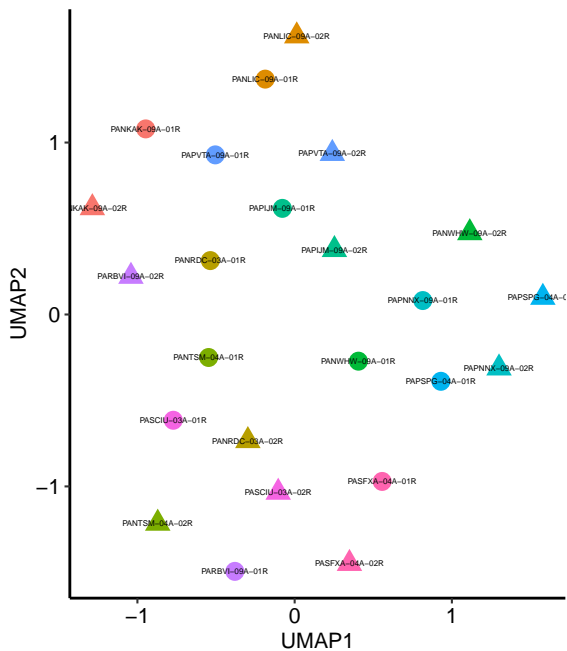


rna\_library   ●   poly-A stranded   ▲   stranded

PCA: RUVg output (k = 3)

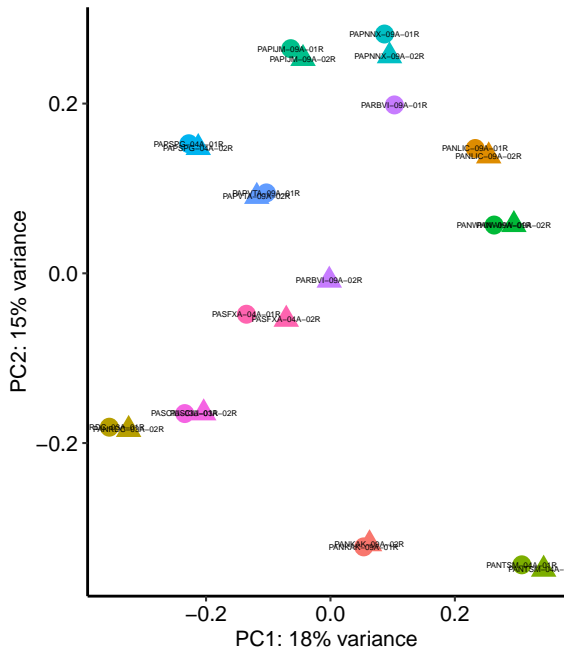


UMAP: RUVg output (k = 3)

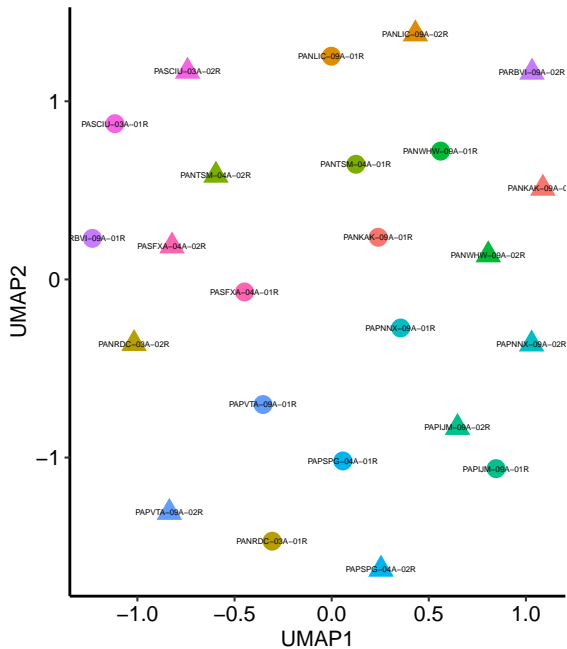


rna\_library ● poly-A stranded ▲ stranded

PCA: RUVg output (k = 4)

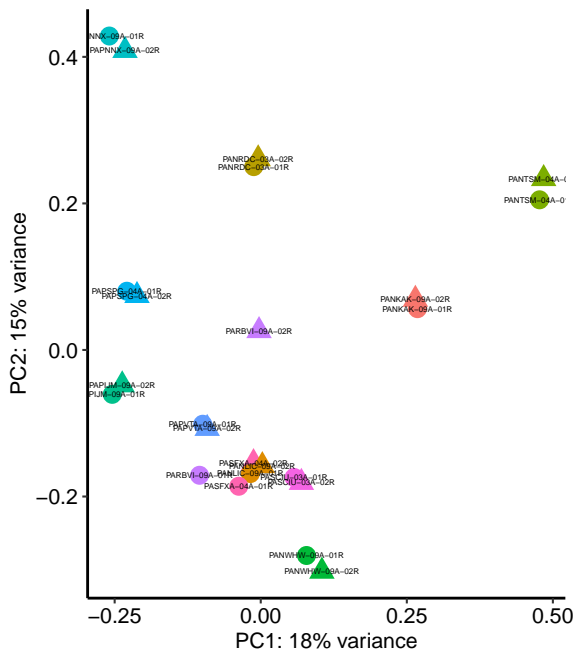


UMAP: RUVg output (k = 4)

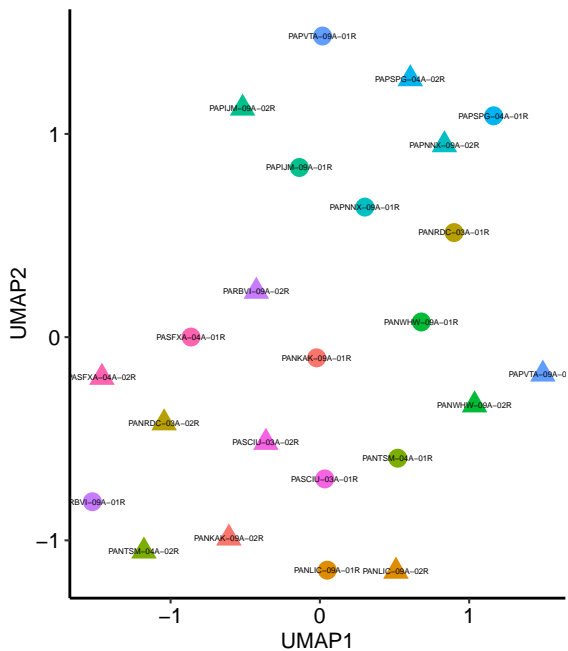


rna\_library ● poly-A stranded ▲ stranded

PCA: RUVg output ( $k = 5$ )



UMAP: RUVg output ( $k = 5$ )



rna\_library   ●   poly-A stranded   ▲   stranded