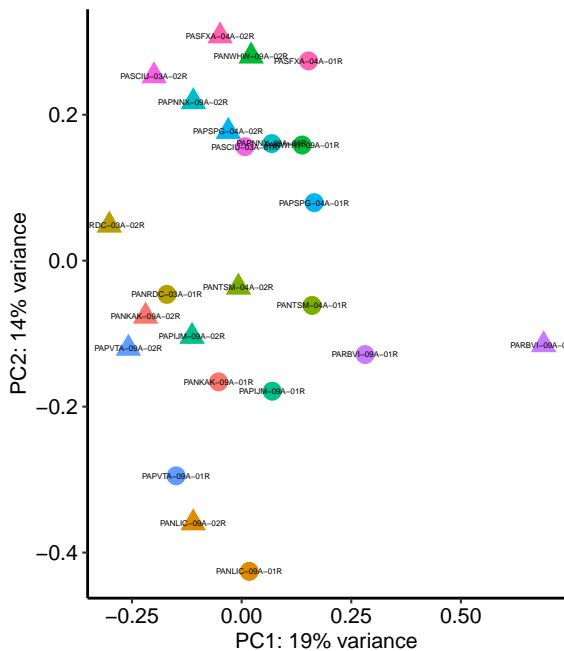


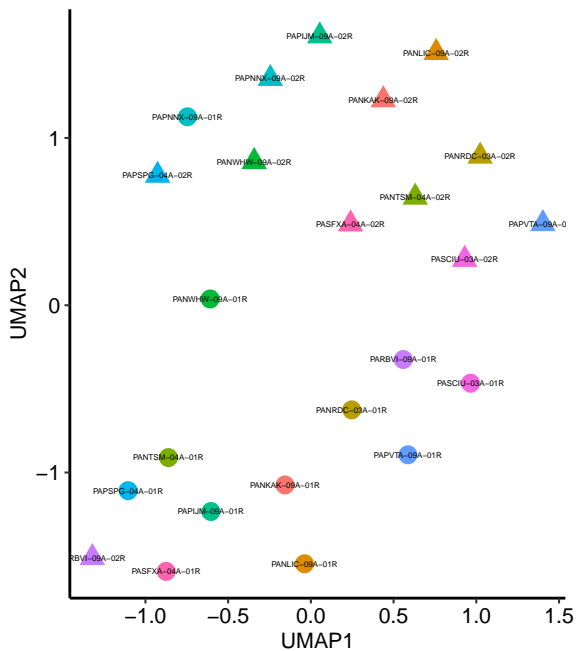
[illegible]

stranded

PCA: RUVg output (k = 2)

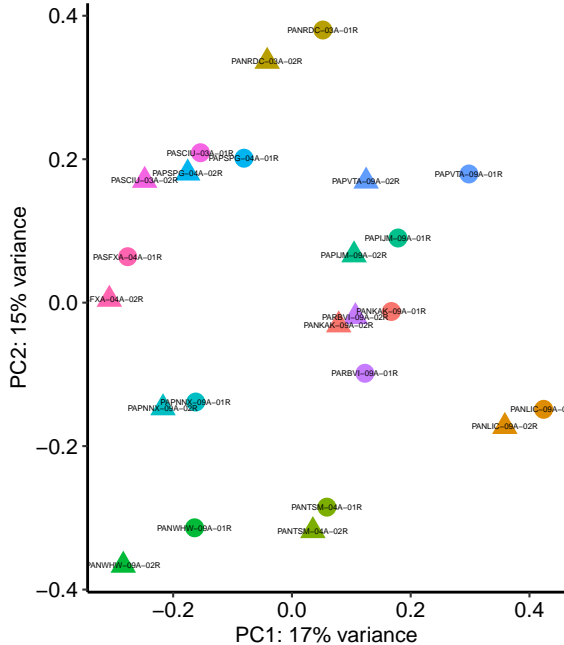


UMAP: RUVg output (k = 2)

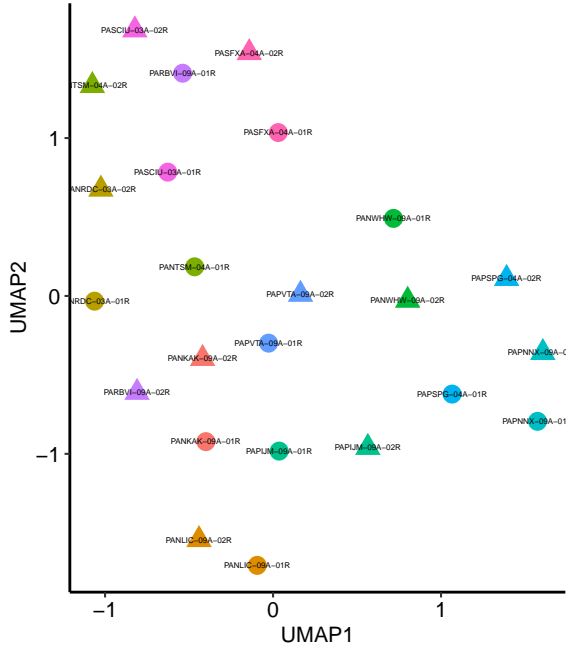


rna\_library ● poly-A stranded ▲ stranded

PCA: RUVg output ( $k = 3$ )

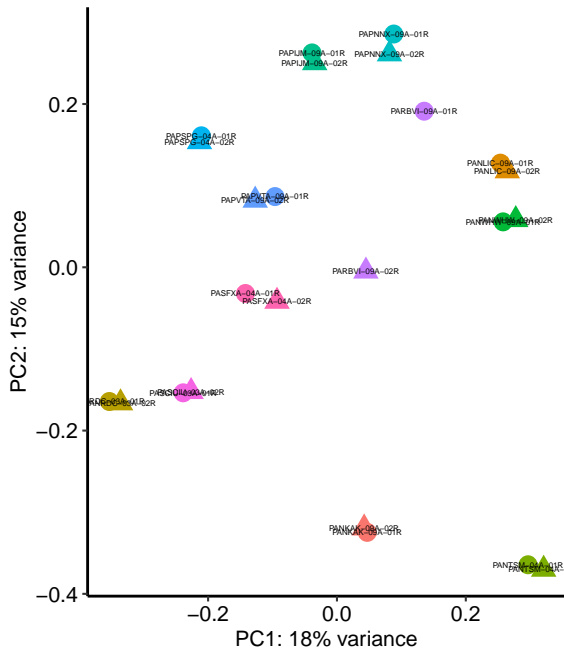


UMAP: RUVg output ( $k = 3$ )

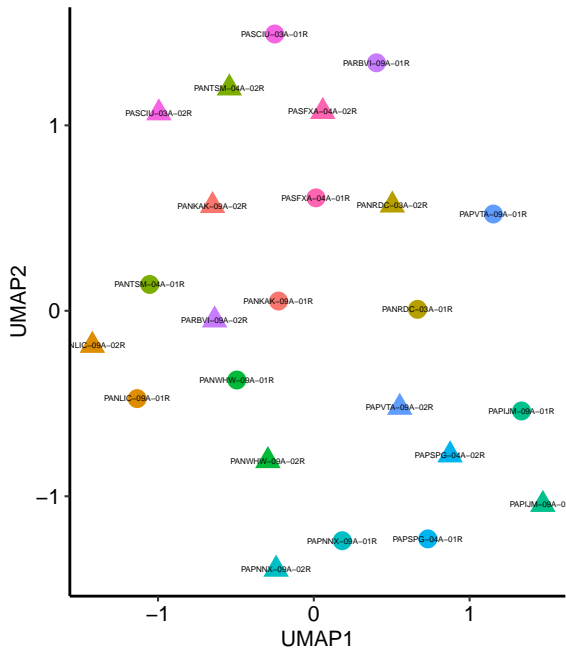


rna\_library   ●   poly-A stranded   ▲   stranded

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

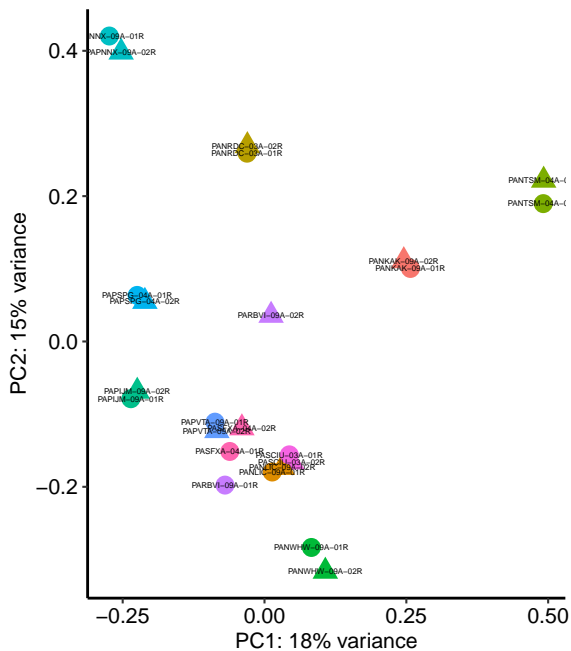


UMAP: RUVg output ( $k = 4$ )

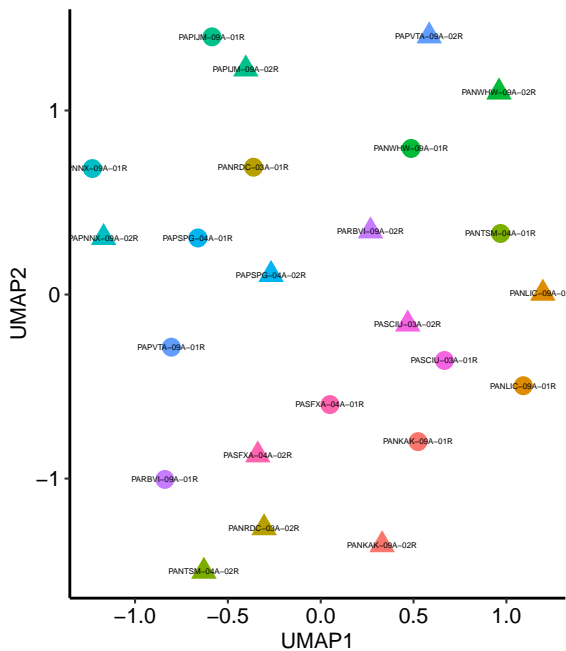


rna\_library   ●   poly-A stranded   ▲   stranded

PCA: RUVg output ( $k = 5$ )



UMAP: RUVg output ( $k = 5$ )



rna\_library   ●   poly-A stranded   ▲   stranded