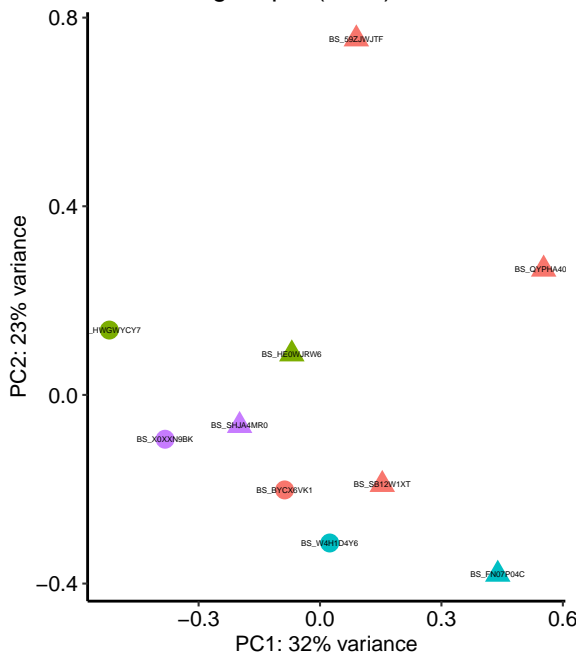
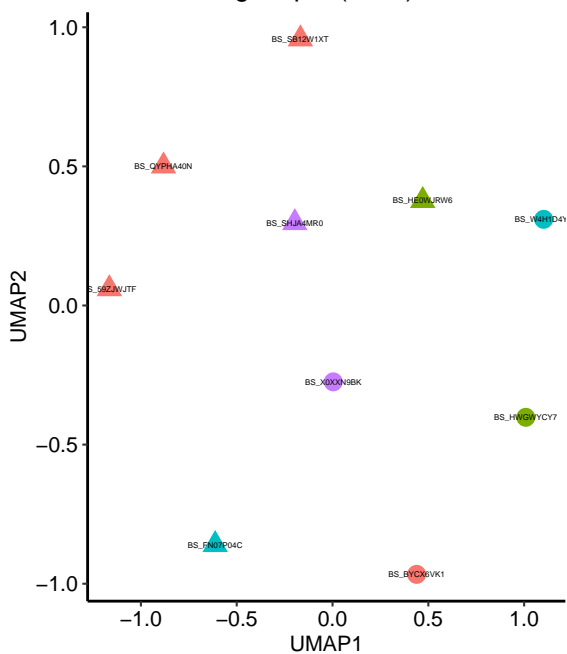


PCA: RUVg output (k = 1)

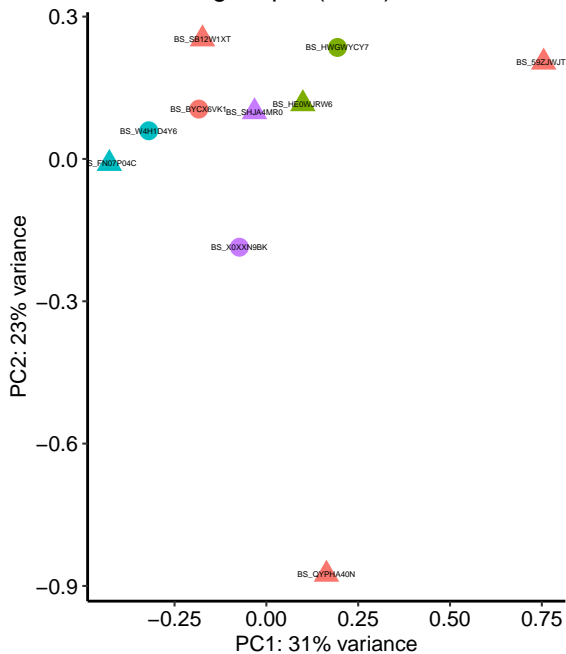


UMAP: RUVg output (k = 1)

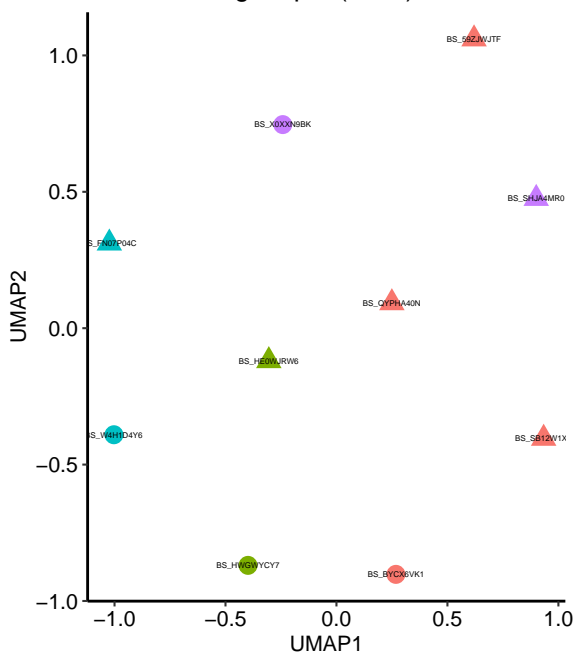


rna\_library ● poly-A ▲ stranded

PCA: RUVg output (k = 2)

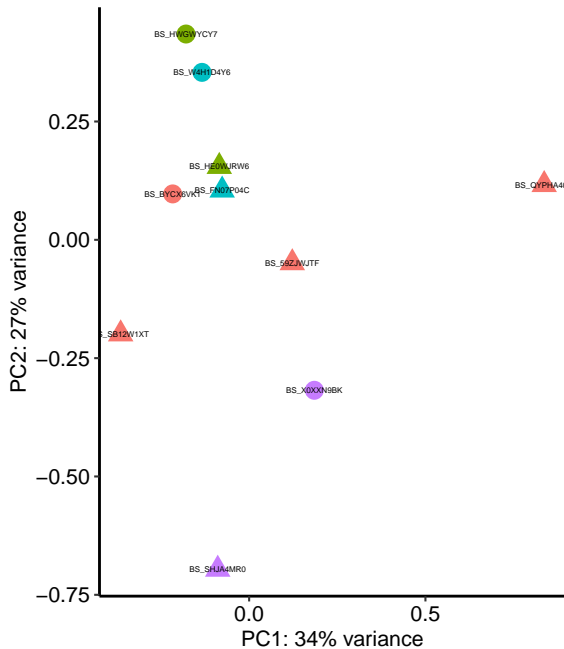


UMAP: RUVg output (k = 2)

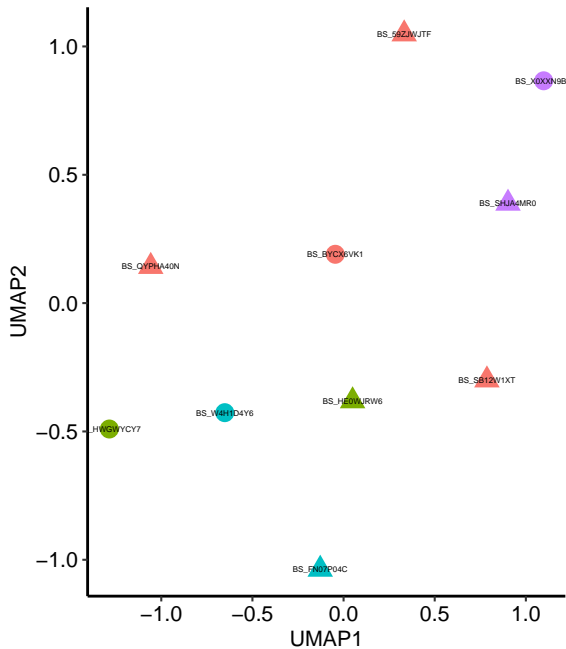


rna\_library    ●    poly-A    ▲    stranded

PCA: RUVg output (k = 3)

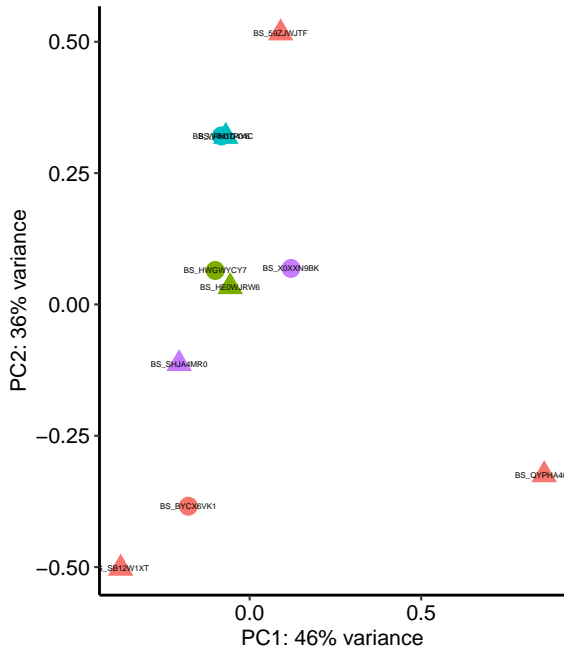


UMAP: RUVg output (k = 3)

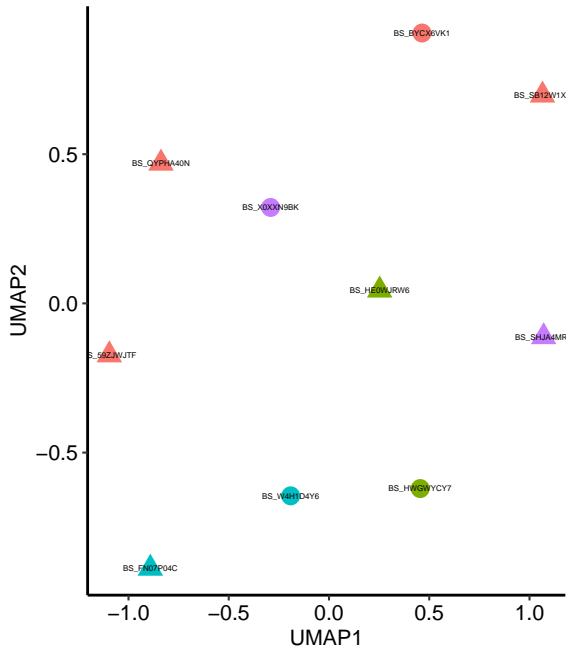


rna\_library    ●    poly-A    ▲    stranded

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

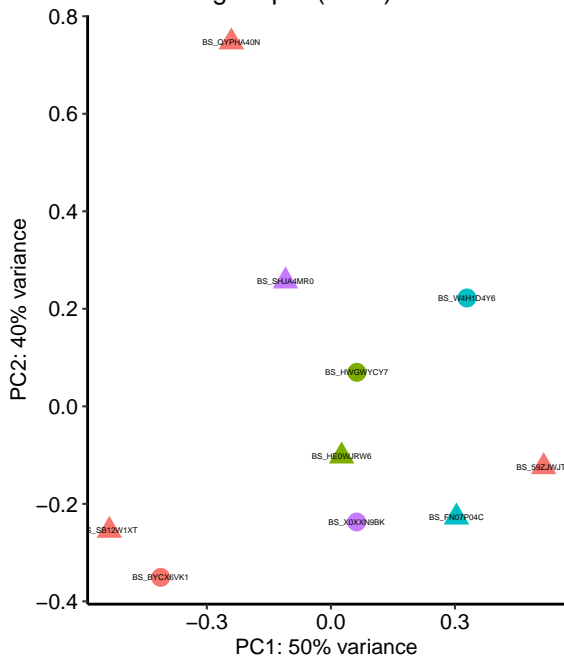


UMAP: RUVg output ( $k = 4$ )

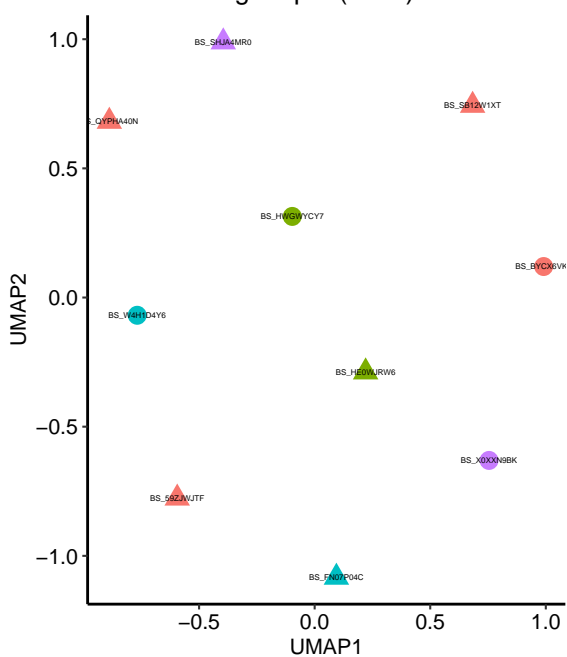


rna\_library ● poly-A ▲ stranded

PCA: RUVg output (k = 5)



UMAP: RUVg output (k = 5)



rna\_library    ●    poly-A    ▲    stranded